

SeaView Version 4: A Multiplatform Graphical User Interface for Phylogenetic Tree Building

Molecular Biology and Evolution

27, 221-224

DOI: [10.1093/molbev/msp259](https://doi.org/10.1093/molbev/msp259)

Citation Report

#	ARTICLE	IF	CITATIONS
2	Conservation, loss, and redeployment of Wnt ligands in protostomes: implications for understanding the evolution of segment formation. <i>BMC Evolutionary Biology</i> , 2010, 10, 374.	3.2	153
3	ALTER: program-oriented conversion of DNA and protein alignments. <i>Nucleic Acids Research</i> , 2010, 38, W14-W18.	6.5	367
4	Rapid and Efficient Identification of <i>Agrobacterium</i> Species by <i>recA</i> Allele Analysis. <i>Microbial Ecology</i> , 2010, 60, 862-872.	1.4	111
5	Hybrid isoprenoid secondary metabolite production in terrestrial and marine actinomycetes. <i>Current Opinion in Biotechnology</i> , 2010, 21, 794-800.	3.3	52
6	Species discrimination and phylogenetic inference of 17 Chinese <i>Leishmania</i> isolates based on internal transcribed spacer 1 (ITS1) sequences. <i>Parasitology Research</i> , 2010, 107, 1049-1065.	0.6	39
7	Molecular systematic study of <i>Cardamine glechomifolia</i> Levl. (Brassicaceae) using internal transcribed spacer sequence of nuclear ribosomal DNA (ITS) and chloroplast <i>trnL</i> and <i>trnL-F</i> sequences. <i>Saudi Journal of Biological Sciences</i> , 2010, 17, 275-290.	1.8	6
8	Filoviruses are ancient and integrated into mammalian genomes. <i>BMC Evolutionary Biology</i> , 2010, 10, 193.	3.2	158
9	The kinome of <i>Phytophthora infestans</i> reveals oomycete-specific innovations and links to other taxonomic groups. <i>BMC Genomics</i> , 2010, 11, 700.	1.2	36
10	Structure and evolution of <i>Apetala3</i> , a sex-linked gene in <i>Silene latifolia</i> . <i>BMC Plant Biology</i> , 2010, 10, 180.	1.6	37
11	Impact of antigenic and genetic drift on the serologic surveillance of H5N2 avian influenza viruses. <i>BMC Veterinary Research</i> , 2010, 6, 57.	0.7	17
12	Social Bonds Enhance Reproductive Success in Male Macaques. <i>Current Biology</i> , 2010, 20, 2207-2210.	1.8	439
13	Specialization of a <i>Drosophila</i> Capping Protein Essential for the Protection of Sperm Telomeres. <i>Current Biology</i> , 2010, 20, 2090-2099.	1.8	35
14	Development and application of a functional CE-SSCP fingerprinting method based on [Fe-57]-hydrogenase genes for monitoring hydrogen-producing <i>Clostridium</i> in mixed cultures. <i>International Journal of Hydrogen Energy</i> , 2010, 35, 13158-13167.	3.8	30
15	Analysis of <i>vkorc1</i> polymorphisms in Norway rats using the roof rat as outgroup. <i>BMC Genetics</i> , 2010, 11, 43.	2.7	23
16	Structural motif screening reveals a novel, conserved carbohydrate-binding surface in the pathogenesis-related protein PR-5d. <i>BMC Structural Biology</i> , 2010, 10, 23.	2.3	15
17	Two Phosphodiesterases From <i>Ustilago Maydis</i> Share Structural and Biochemical Properties with Non-Fungal Phosphodiesterases. <i>Frontiers in Microbiology</i> , 2010, 1, 127.	1.5	3
18	Phylogeny and taxonomy of the genus <i>Vuilleminia</i> (Basidiomycota) based on molecular and morphological evidence, with new insights into Corticiales. <i>Taxon</i> , 2010, 59, 1519-1534.	0.4	25
19	An RNA symbiont enhances heat tolerance and secondary homothallism in the oomycete <i>Phytophthora infestans</i> . <i>Microbiology (United Kingdom)</i> , 2010, 156, 2026-2034.	0.7	8

#	ARTICLE	IF	CITATIONS
20	Character Evolution in Hydrozoa (phylum Cnidaria). Integrative and Comparative Biology, 2010, 50, 456-472.	0.9	82
21	Localized hypermutation and associated gene losses in legume chloroplast genomes. Genome Research, 2010, 20, 1700-1710.	2.4	244
22	Culturing the Unculturable: Human Coronavirus HKU1 Infects, Replicates, and Produces Progeny Virions in Human Ciliated Airway Epithelial Cell Cultures. Journal of Virology, 2010, 84, 11255-11263.	1.5	120
23	Winogradskyella exilis sp. nov., isolated from the starfish Stellaster equestris, and emended description of the genus Winogradskyella. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 1577-1580.	0.8	38
24	High Prevalence, Coinfection Rate, and Genetic Diversity of Retroviruses in Wild Red Colobus Monkeys (<i>Ptilocolobus badius badius</i>) in Taï National Park, Côte d'Ivoire. Journal of Virology, 2010, 84, 7427-7436.	1.5	54
25	Comprehensive Analysis Reveals Dynamic and Evolutionary Plasticity of Rab GTPases and Membrane Traffic in <i>Tetrahymena thermophila</i> . PLoS Genetics, 2010, 6, e1001155.	1.5	79
26	Intergenomic Arms Races: Detection of a Nuclear Rescue Gene of Male-Killing in a Ladybird. PLoS Pathogens, 2010, 6, e1000987.	2.1	43
27	Molecular epidemiology of salmonid alphavirus (SAV) subtype 3 in Norway. Virology Journal, 2010, 7, 188.	1.4	21
28	Fast kinase domain-containing protein 3 is a mitochondrial protein essential for cellular respiration. Biochemical and Biophysical Research Communications, 2010, 401, 440-446.	1.0	60
29	An open source chimera checker for the fungal ITS region. Molecular Ecology Resources, 2010, 10, 1076-1081.	2.2	77
30	Metagenomic Analysis of the Viromes of Three North American Bat Species: Viral Diversity among Different Bat Species That Share a Common Habitat. Journal of Virology, 2010, 84, 13004-13018.	1.5	194
31	iHAT: Interactive hierarchical aggregation table. , 2011, , .		2
32	Adaptation to Environmental Temperature Is a Major Determinant of Molecular Evolutionary Rates in Archaea. Molecular Biology and Evolution, 2011, 28, 2661-2674.	3.5	117
33	Phylogenetic Analysis of Pathogens. , 2011, , 203-231.		1
34	Developmental functions for the <i>Caenorhabditis elegans</i> Sp protein SPTF-3. Mechanisms of Development, 2011, 128, 428-441.	1.7	6
35	Novel male-biased expression in paralogs of the aphid slimfast nutrient amino acid transporter expansion. BMC Evolutionary Biology, 2011, 11, 253.	3.2	11
36	Fast, scalable generation of high-quality protein multiple sequence alignments using Clustal Omega. Molecular Systems Biology, 2011, 7, 539.	3.2	12,778
37	Population genetic structure of reared and wild gilthead sea bream (<i>Sparus aurata</i>) in the Adriatic Sea inferred with microsatellite loci. Aquaculture, 2011, 318, 309-315.	1.7	43

#	ARTICLE	IF	CITATIONS
38	Contributions of molecular phylogenetics to foraminiferal taxonomy: General overview and example of <i>Pseudoeponides falsobeccarii</i> . <i>Comptes Rendus - Palevol</i> , 2011, 10, 95-105.	0.1	14
39	Novel lineages of Southern Ocean deep-sea foraminifera revealed by environmental DNA sequencing. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2011, 58, 1996-2003.	0.6	36
40	Xenophyophores (Rhizaria, Foraminifera) from the Nazaré Canyon (Portuguese margin, NE Atlantic). <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2011, 58, 2401-2419.	0.6	36
41	Genomic distribution and heterogeneity of MocR-like transcriptional factors containing a domain belonging to the superfamily of the pyridoxal-5-phosphate dependent enzymes of fold type I. <i>Biochemical and Biophysical Research Communications</i> , 2011, 415, 88-93.	1.0	48
42	A novel fungal family of oligopeptide transporters identified by functional metatranscriptomics of soil eukaryotes. <i>ISME Journal</i> , 2011, 5, 1871-1880.	4.4	74
43	<i>Yersinia pestis</i> TIR-domain protein forms dimers that interact with the human adaptor protein MyD88. <i>Microbial Pathogenesis</i> , 2011, 51, 89-95.	1.3	29
44	Mutations in an amino acid transporter gene are responsible for sex-linked translucent larval skin of the silkworm, <i>Bombyx mori</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2011, 41, 680-687.	1.2	22
45	The "original" Hepatitis B virus of Eastern chimpanzees (<i>Pan troglodytes schweinfurthii</i>). <i>Virus Research</i> , 2011, 155, 372-375.	1.1	5
46	Phylogeny and divergence times of some racerunner lizards (Lacertidae: Eremias) inferred from mitochondrial 16S rRNA gene segments. <i>Molecular Phylogenetics and Evolution</i> , 2011, 61, 400-412.	1.2	56
47	Relationships and evolutionary origins of polyploid <i>Dryopteris</i> (<i>Dryopteridaceae</i>) from Europe inferred using nuclear <i>pgiC</i> and plastid <i>trnL-F</i> sequence data. <i>Taxon</i> , 2011, 60, 1284-1294.	0.4	36
48	Molecular Characterization of <i>Helobdella modesta</i> (Verrill, 1872) (Hirudinida: Glossiphoniidae) from its type locality, West River and Whitneyville Lake, New Haven County, Connecticut, USA. <i>Zootaxa</i> , 2011, 2834, 65.	0.2	9
49	Mosquito-associated Dengue Virus, Key West, Florida, USA, 2010. <i>Emerging Infectious Diseases</i> , 2011, 17, 2074-5.	2.0	42
50	<i>Mycobacterium doricum</i> Osteomyelitis and Soft Tissue Infection. <i>Emerging Infectious Diseases</i> , 2011, 17, 2075-7.	2.0	2
51	Cloning and molecular modeling of <i>Litopenaeus vannamei</i> (Penaeidae) C-type lectin homologs with mutated mannose binding domain-2. <i>Genetics and Molecular Research</i> , 2011, 10, 650-664.	0.3	23
52	Evolution of New Genotype of West Nile Virus in North America. <i>Emerging Infectious Diseases</i> , 2011, 17, 785-793.	2.0	71
53	Eukaryotic Richness in the Abyss: Insights from Pyrotag Sequencing. <i>PLoS ONE</i> , 2011, 6, e18169.	1.1	207
54	Distinct Steps of Neural Induction Revealed by Asterix, Obelix and TrkC, Genes Induced by Different Signals from the Organizer. <i>PLoS ONE</i> , 2011, 6, e19157.	1.1	24
55	Alba-Domain Proteins of <i>Trypanosoma brucei</i> Are Cytoplasmic RNA-Binding Proteins That Interact with the Translation Machinery. <i>PLoS ONE</i> , 2011, 6, e22463.	1.1	101

#	ARTICLE	IF	CITATIONS
56	MACSE: Multiple Alignment of Coding SEquences Accounting for Frameshifts and Stop Codons. PLoS ONE, 2011, 6, e22594.	1.1	546
57	Comprehensive Phylogenetic Reconstruction of Amoebozoa Based on Concatenated Analyses of SSU-rDNA and Actin Genes. PLoS ONE, 2011, 6, e22780.	1.1	77
58	Reduced Polymorphism Associated with X Chromosome Meiotic Drive in the Stalk-Eyed Fly <i>Teleopsis dalmanni</i> . PLoS ONE, 2011, 6, e27254.	1.1	13
59	Next Generation Sequencing-Based Analysis of Repetitive DNA in the Model Dioecious Plant <i>Silene latifolia</i> . PLoS ONE, 2011, 6, e27335.	1.1	97
60	Detection and Identification of the Atypical Bovine Pestiviruses in Commercial Foetal Bovine Serum Batches. PLoS ONE, 2011, 6, e28553.	1.1	53
61	Development of an RT-PCR/RFLP assay to detect <i>Hosta virus X</i> in <i>Hosta</i> spp.). Journal of Horticultural Science and Biotechnology, 2011, 86, 50-54.	0.9	1
62	Free Energy Calculations and Binding Analysis of Two Potential Anti- Influenza Drugs with Polymerase Basic Protein-2 (PB2). Protein and Peptide Letters, 2011, 18, 1002-1009.	0.4	7
63	<i>Chelystachya</i> , a new genus of the subtribe <i>Polystachyinae</i> (Orchidaceae). Biodiversity Research and Conservation, 2011, 23, 15-27.	0.2	3
64	Two Promoter Rearrangements in a Drug Efflux Transporter Gene Are Responsible for the Appearance and Spread of Multidrug Resistance Phenotype MDR2 in <i>Botrytis cinerea</i> Isolates in French and German Vineyards. Phytopathology, 2011, 101, 1176-1183.	1.1	45
65	A simple multiplex polymerase chain reaction to determine ABO blood types of rhesus macaques (<i>Macaca mulatta</i>). Tissue Antigens, 2011, 77, 584-588.	1.0	13
66	Genome of alkaliphilic <i>Bacillus pseudofirmus</i> OF4 reveals adaptations that support the ability to grow in an external pH range from 7.5 to 11.4. Environmental Microbiology, 2011, 13, 3289-3309.	1.8	73
67	Molecular prospecting for cryptic species in <i>Phyllodistomum lacustri</i> (Platyhelminthes, Tj ETQq1 1 0.784314 rgBT /Overlock 101	0.7	36
68	A maritime pine antimicrobial peptide involved in ammonium nutrition. Plant, Cell and Environment, 2011, 34, 1443-1453.	2.8	21
69	A eukaryotic LOV-chistidine kinase with circadian clock function in the picoalga <i>Ostreococcus</i> . Plant Journal, 2011, 65, 578-588.	2.8	55
70	Molecular and genetic analyses of Tic20 homologues in <i>Arabidopsis thaliana</i> chloroplasts. Plant Journal, 2011, 66, 877-889.	2.8	57
71	Genomic diversity in switchgrass (<i>Panicum virgatum</i>): from the continental scale to a dune landscape. Molecular Ecology, 2011, 20, 4938-4952.	2.0	69
72	Nucleus- and nucleomorph-targeted histone proteins in a chlorarachniophyte alga. Molecular Microbiology, 2011, 80, 1439-1449.	1.2	25
73	Morphology and Small Subunit rDNA Phylogeny of a New Soil Ciliate, <i>Bistichella variabilis</i> n. sp. (Ciliophora, Stichotrichia). Journal of Eukaryotic Microbiology, 2011, 58, 332-338.	0.8	18

#	ARTICLE	IF	CITATIONS
74	Morphology and Molecular Phylogeny of <i>Pseudotriconympha hertwigi</i> and <i>Pseudotriconympha paulistana</i> (Triconymphaea, Parabasalia) from Neotropical Rhinotermitids. <i>Journal of Eukaryotic Microbiology</i> , 2011, 58, 487-496.	0.8	17
75	DEALING WITH INCOMPLETE TAXON SAMPLING AND DIVERSIFICATION OF A LARGE CLADE OF MUSHROOM-FORMING FUNGI. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 1862-1878.	1.1	25
76	NONADAPTIVE EVOLUTION OF MITOCHONDRIAL GENOME SIZE. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 2706-2711.	1.1	20
77	EVOLUTIONARY DIVERSIFICATION OF REEF CORALS: A COMPARISON OF THE MOLECULAR AND FOSSIL RECORDS. <i>Evolution; International Journal of Organic Evolution</i> , 2011, 65, 3274-3284.	1.1	70
78	Bayesian relaxed clock estimation of divergence times in foraminifera. <i>Molecular Phylogenetics and Evolution</i> , 2011, 61, 157-166.	1.2	37
79	Rethinking taxon sampling in the light of environmental sequencing. <i>Cladistics</i> , 2011, 27, 197-203.	1.5	23
80	Systematics and spicule evolution in dictyonal sponges (Hexactinellida: Scleractinia) with description of two new species. <i>Zoological Journal of the Linnean Society</i> , 2011, 163, 1003-1025.	1.0	22
81	<i>Streptosporangium oxazolinicum</i> sp. nov., a novel endophytic actinomycete producing new antitrypanosomal antibiotics, spoxazomicins. <i>Journal of Antibiotics</i> , 2011, 64, 297-302.	1.0	46
82	Evolution and metabolic significance of the urea cycle in photosynthetic diatoms. <i>Nature</i> , 2011, 473, 203-207.	13.7	453
83	SARS-Coronavirus ancestor's foot-prints in South-East Asian bat colonies and the refuge theory. <i>Infection, Genetics and Evolution</i> , 2011, 11, 1690-1702.	1.0	66
84	Microsatellite polymorphism in the sexually transmitted human pathogen <i>Trichomonas vaginalis</i> indicates a genetically diverse parasite. <i>Molecular and Biochemical Parasitology</i> , 2011, 175, 30-38.	0.5	48
85	Four gonadotropin releasing hormone receptor genes in Atlantic cod are differentially expressed in the brain and pituitary during puberty. <i>General and Comparative Endocrinology</i> , 2011, 173, 333-345.	0.8	27
86	Obscured phylogeny and possible recombinational dormancy in <i>Escherichia coli</i> . <i>BMC Evolutionary Biology</i> , 2011, 11, 183.	3.2	33
87	Uncharacterized conserved motifs outside the HD-Zip domain in HD-Zip subfamily I transcription factors; a potential source of functional diversity. <i>BMC Plant Biology</i> , 2011, 11, 42.	1.6	70
88	Identification of a spliced gene from duck enteritis virus encoding a protein homologous to UL15 of herpes simplex virus 1. <i>Virology Journal</i> , 2011, 8, 156.	1.4	7
89	An extended phylogenetic analysis reveals ancient origin of "non-green" phosphoribulokinase genes from two lineages of "green" secondary photosynthetic eukaryotes: Euglenophyta and Chlorarachniophyta. <i>BMC Research Notes</i> , 2011, 4, 330.	0.6	11
90	Multiple origins of European populations of the giant liver fluke <i>Fascioloides magna</i> (Trematoda: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1	1.3	52
91	<i>Amphioxus</i> Tbx6/16 and Tbx20 embryonic expression patterns reveal ancestral functions in chordates. <i>Gene Expression Patterns</i> , 2011, 11, 239-243.	0.3	17

#	ARTICLE	IF	CITATIONS
92	Homeobox gene expression in Brachiopoda: The role of Not and Cdx in bodyplan patterning, neurogenesis, and germ layer specification. <i>Gene Expression Patterns</i> , 2011, 11, 427-436.	0.3	20
93	Changes in hydrogenase genetic diversity and proteomic patterns in mixed-culture dark fermentation of mono-, di- and tri-saccharides. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 11654-11665.	3.8	41
94	New specific indicators for qPCR monitoring of airborne microorganisms emitted by composting plants. <i>Atmospheric Environment</i> , 2011, 45, 5342-5350.	1.9	16
95	Freshwater ascomycetes: two new species of <i>Lindgomycetes</i> (Lindgomycetaceae, Pleosporales,) Tj ETQq1 1 0.784314 rgBT /Overlock 101	0.8	23
96	Rodent-Borne Hantaviruses in Cambodia, Lao PDR, and Thailand. <i>EcoHealth</i> , 2011, 8, 432-443.	0.9	29
97	ARABIDILLO proteins have a novel and conserved domain structure important for the regulation of their stability. <i>Plant Molecular Biology</i> , 2011, 75, 77-92.	2.0	17
98	The CO ₂ -concentrating mechanism of <i>Synechococcus</i> WH5701 is composed of native and horizontally-acquired components. <i>Photosynthesis Research</i> , 2011, 109, 59-72.	1.6	38
99	First complete genomic characterization of two tick-borne encephalitis virus isolates obtained from wild rodents in South Korea. <i>Virus Genes</i> , 2011, 42, 307-316.	0.7	28
100	<i>Myxobolus supamattayai</i> n. sp. (Myxosporaea: Myxobolidae) from Thailand parasitizing the scale pellicle of wild mullet (<i>Valamugil seheli</i>). <i>Parasitology Research</i> , 2011, 109, 81-91.	0.6	16
101	Species delimitation and phylogenetic relationships of Chinese <i>Leishmania</i> isolates reexamined using kinetoplast cytochrome oxidase II gene sequences. <i>Parasitology Research</i> , 2011, 109, 163-173.	0.6	31
102	Chemistry and biology of mammalian metallothioneins. <i>Journal of Biological Inorganic Chemistry</i> , 2011, 16, 1067-1078.	1.1	235
103	Integrative computational protocol for the discovery of inhibitors of the <i>Helicobacter pylori</i> nickel response regulator (NikR). <i>Journal of Molecular Modeling</i> , 2011, 17, 3075-3084.	0.8	5
104	Modeling of ligand binding to G protein coupled receptors: cannabinoid CB1, CB2 and adrenergic β 2AR. <i>Journal of Molecular Modeling</i> , 2011, 17, 2353-2366.	0.8	34
105	Species identification of staphylococci by amplification and sequencing of the <i>tuf</i> gene compared to the <i>gap</i> gene and by matrix-assisted laser desorption ionization time-of-flight mass spectrometry. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2011, 30, 343-354.	1.3	65
106	Weak habitat specificity in ectomycorrhizal communities associated with <i>Salix herbacea</i> and <i>Salix polaris</i> in alpine tundra. <i>Mycorrhiza</i> , 2011, 21, 289-296.	1.3	33
107	Lack of phylogenetic evidence that the Shimen strain is the parental strain of the lapinized Chinese strain (C-strain) vaccine against classical swine fever. <i>Archives of Virology</i> , 2011, 156, 1041-1044.	0.9	14
108	A note on the incidence of reverse complementary fungal ITS sequences in the public sequence databases and a software tool for their detection and reorientation. <i>Mycoscience</i> , 2011, 52, 278-282.	0.3	7
109	Phylogenetic and Preliminary Phenotypic Analysis of Yeast PAQR Receptors: Potential Antifungal Targets. <i>Journal of Molecular Evolution</i> , 2011, 73, 134-152.	0.8	24

#	ARTICLE	IF	CITATIONS
110	Heterogeneous Rates of Molecular Evolution Among Cryptic Species of the Ciliate Morphospecies <i>Chilodonella uncinata</i> . <i>Journal of Molecular Evolution</i> , 2011, 73, 266-272.	0.8	40
111	Preventing the pollution of mitochondrial datasets with nuclear mitochondrial paralogs (numts). <i>Mitochondrion</i> , 2011, 11, 246-254.	1.6	82
112	Use of mutual information arrays to predict coevolving sites in the full length HIV gp120 protein for subtypes B and C. <i>Virologica Sinica</i> , 2011, 26, 95-104.	1.2	2
113	New genera and species of monothalamous Foraminifera from Balaclava and Kazachâ€™ya Bays (Crimean) Tj ETQq1 1 0.784314 rgBT (C)	0.3	24
114	Cloning the interferon regulatory factor 1 gene in lungfish (<i>Protopterus annectens</i>) and its molecular evolution among sarcopterygians. <i>Science Bulletin</i> , 2011, 56, 1782-1786.	1.7	0
115	Multiple origins of endosymbiosis within the Enterobacteriaceae (¹³ -Proteobacteria): convergence of complex phylogenetic approaches. <i>BMC Biology</i> , 2011, 9, 87.	1.7	90
116	Purine biosynthesis in archaea: variations on a theme. <i>Biology Direct</i> , 2011, 6, 63.	1.9	35
117	Diversity, mobility, and structural and functional evolution of group II introns carrying an unusual 3' extension. <i>BMC Research Notes</i> , 2011, 4, 564.	0.6	2
118	Plant centromeric retrotransposons: a structural and cytogenetic perspective. <i>Mobile DNA</i> , 2011, 2, 4.	1.3	186
119	Base-By-Base version 2: single nucleotide-level analysis of whole viral genome alignments. <i>Microbial Informatics and Experimentation</i> , 2011, 1, 2.	7.6	36
120	Structure of PduT, a trimeric bacterial microcompartment protein with a 4Feâ€™4S cluster-binding site. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2011, 67, 91-96.	2.5	62
121	SuiteMSA: visual tools for multiple sequence alignment comparison and molecular sequence simulation. <i>BMC Bioinformatics</i> , 2011, 12, 184.	1.2	16
122	Estimation of bacterial diversity using next generation sequencing of 16S rDNA: a comparison of different workflows. <i>BMC Bioinformatics</i> , 2011, 12, 473.	1.2	57
123	Evidence for a high mutation rate at rapidly evolving yeast centromeres. <i>BMC Evolutionary Biology</i> , 2011, 11, 211.	3.2	30
124	A hitchhikers guide to the GalÃ¡pagos: co-phylogeography of GalÃ¡pagos mockingbirds and their parasites. <i>BMC Evolutionary Biology</i> , 2011, 11, 284.	3.2	57
125	Evolutionary maintenance of filovirus-like genes in bat genomes. <i>BMC Evolutionary Biology</i> , 2011, 11, 336.	3.2	50
126	Molecular phylodynamics and protein modeling of infectious salmon anemia virus (ISAV). <i>BMC Evolutionary Biology</i> , 2011, 11, 349.	3.2	10
127	Systematic discovery of unannotated genes in 11 yeast species using a database of orthologous genomic segments. <i>BMC Genomics</i> , 2011, 12, 377.	1.2	17

#	ARTICLE	IF	CITATIONS
128	Identification, expression, and characterization of a novel bacterial RGI Lyase enzyme for the production of bio-functional fibers. <i>Enzyme and Microbial Technology</i> , 2011, 49, 160-166.	1.6	37
129	Functional versus phylogenetic fingerprint analyses for monitoring hydrogen-producing bacterial populations in dark fermentation cultures. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 3870-3879.	3.8	32
130	Spurious 99% bootstrap and jackknife support for unsupported clades. <i>Molecular Phylogenetics and Evolution</i> , 2011, 61, 177-191.	1.2	76
131	Analysis of Reptilian APOBEC1 Suggests that RNA Editing May Not Be Its Ancestral Function. <i>Molecular Biology and Evolution</i> , 2011, 28, 1125-1129.	3.5	46
132	Interspersed DNA Repeats bcr1-bcr18 of <i>Bacillus cereus</i> Group Bacteria Form Three Distinct Groups with Different Evolutionary and Functional Patterns. <i>Molecular Biology and Evolution</i> , 2011, 28, 963-983.	3.5	13
133	Human Polyomavirus Related to African Green Monkey Lymphotropic Polyomavirus. <i>Emerging Infectious Diseases</i> , 2011, 17, 1364-70.	2.0	81
134	Organic Hydroperoxide Resistance Protein and Ergothioneine Compensate for Loss of Mycothiol in <i>Mycobacterium smegmatis</i> Mutants. <i>Journal of Bacteriology</i> , 2011, 193, 1981-1990.	1.0	72
135	Geminiviruses Subvert Ubiquitination by Altering CSN-Mediated Derubylation of SCF E3 Ligase Complexes and Inhibit Jasmonate Signaling in <i>Arabidopsis thaliana</i> . <i>Plant Cell</i> , 2011, 23, 1014-1032.	3.1	195
136	Two Nuclear Life Cycle-Regulated Genes Encode Interchangeable Subunits c of Mitochondrial ATP Synthase in <i>Podospora anserina</i> . <i>Molecular Biology and Evolution</i> , 2011, 28, 2063-2075.	3.5	43
137	GLYCOALKALOID METABOLISM1 Is Required for Steroidal Alkaloid Glycosylation and Prevention of Phytotoxicity in Tomato. <i>Plant Cell</i> , 2011, 23, 4507-4525.	3.1	205
138	Norovirus GII.4 Strain Antigenic Variation. <i>Journal of Virology</i> , 2011, 85, 231-242.	1.5	148
139	MAGNETITE-BEARING FORAMINIFERA FROM ADMIRALTY BAY, WEST ANTARCTICA, WITH DESCRIPTION OF <i>PSAMMOPHAGA MAGNETICA</i> , SP. NOV.. <i>Journal of Foraminiferal Research</i> , 2011, 41, 3-13.	0.1	24
140	Divergent Expression Patterns of miR164 and CUP-SHAPED COTYLEDON Genes in Palms and Other Monocots: Implication for the Evolution of Meristem Function in Angiosperms. <i>Molecular Biology and Evolution</i> , 2011, 28, 1439-1454.	3.5	42
141	Evolution of Mating within the <i>Candida parapsilosis</i> Species Group. <i>Eukaryotic Cell</i> , 2011, 10, 578-587.	3.4	56
142	African Great Apes Are Naturally Infected with Polyomaviruses Closely Related to Merkel Cell Polyomavirus. <i>Journal of Virology</i> , 2011, 85, 916-924.	1.5	46
143	Phylogenetic utility of the nuclear genes <i>AGAMOUS 1</i> and <i>PHYTOCHROME B</i> in palms (Arecaceae): an example within <i>Bactridinae</i> . <i>Annals of Botany</i> , 2011, 108, 1433-1444.	1.4	40
144	Novel Adenoviruses in Wild Primates: a High Level of Genetic Diversity and Evidence of Zoonotic Transmissions. <i>Journal of Virology</i> , 2011, 85, 10774-10784.	1.5	96
145	Using maize as a model to study pollen tube growth and guidance, cross-incompatibility and sperm delivery in grasses. <i>Annals of Botany</i> , 2011, 108, 727-737.	1.4	66

#	ARTICLE	IF	CITATIONS
146	Evolution of the Actin Gene Family in Testate Lobose Amoebae (Arcellinida) is Characterized by Two Distinct Clades of Paralogs and Recent Independent Expansions. <i>Molecular Biology and Evolution</i> , 2011, 28, 223-236.	3.5	21
147	Characterization of Unique Signature Sequences in the Divergent Maternal Protein Bcl2l10. <i>Molecular Biology and Evolution</i> , 2011, 28, 3271-3283.	3.5	10
148	Using the <i>Acropora digitifera</i> genome to understand coral responses to environmental change. <i>Nature</i> , 2011, 476, 320-323.	13.7	758
149	Insights from ANA-grade angiosperms into the early evolution of CUP-SHAPED COTYLEDON genes. <i>Annals of Botany</i> , 2011, 107, 1511-1519.	1.4	30
150	Genome Variation in <i>Cryptococcus gattii</i> , an Emerging Pathogen of Immunocompetent Hosts. <i>MBio</i> , 2011, 2, e00342-10.	1.8	182
151	Ultra-deep sequencing of foraminiferal microbarcodes unveils hidden richness of early monothalamous lineages in deep-sea sediments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 13177-13182.	3.3	127
152	Aquaporin water channel AgAQP1 in the malaria vector mosquito <i>Anopheles gambiae</i> during blood feeding and humidity adaptation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 6062-6066.	3.3	87
153	Evolutionary History and Functional Characterization of Three Large Genes Involved in Sporulation in <i>Bacillus cereus</i> Group Bacteria. <i>Journal of Bacteriology</i> , 2011, 193, 5420-5430.	1.0	5
154	Discovery of an Ebolavirus-Like Filovirus in Europe. <i>PLoS Pathogens</i> , 2011, 7, e1002304.	2.1	340
155	High time for a roll call: gene duplication and phylogenetic relationships of TCP-like genes in monocots. <i>Annals of Botany</i> , 2011, 107, 1533-1544.	1.4	66
156	Nuclear Receptor DHR4 Controls the Timing of Steroid Hormone Pulses During <i>Drosophila</i> Development. <i>PLoS Biology</i> , 2011, 9, e1001160.	2.6	114
157	Accelerated and Adaptive Evolution of Yeast Sexual Adhesins. <i>Molecular Biology and Evolution</i> , 2011, 28, 3127-3137.	3.5	19
158	Evolution of RNA-Binding Proteins in Animals: Insights from Genome-Wide Analysis in the Sponge <i>Amphimedon queenslandica</i> . <i>Molecular Biology and Evolution</i> , 2011, 28, 2289-2303.	3.5	49
159	Testing the phylogenetic utility of MCM7 in the Ascomycota. <i>MycoKeys</i> , 2011, 1, 63-94.	0.8	58
160	Whole-Genome Comparison Reveals Novel Genetic Elements That Characterize the Genome of Industrial Strains of <i>Saccharomyces cerevisiae</i> . <i>PLoS Genetics</i> , 2011, 7, e1001287.	1.5	271
161	The Repertoire of ICE in Prokaryotes Underscores the Unity, Diversity, and Ubiquity of Conjugation. <i>PLoS Genetics</i> , 2011, 7, e1002222.	1.5	329
162	The Hexamer Structure of the Rift Valley Fever Virus Nucleoprotein Suggests a Mechanism for its Assembly into Ribonucleoprotein Complexes. <i>PLoS Pathogens</i> , 2011, 7, e1002030.	2.1	93
163	<i>Lanonia</i> (Arecaceae: Palmae), a New Genus from Asia, with a Revision of the Species. <i>Systematic Botany</i> , 2011, 36, 883-895.	0.2	13

#	ARTICLE	IF	CITATIONS
164	Detection of complex vertebral malformation carriers in Slovak Holstein cattle by high resolution melting analysis. <i>Acta Veterinaria</i> , 2012, 62, 239-248.	0.2	9
165	Novel Insights into Regulation of Asparagine Synthetase in Conifers. <i>Frontiers in Plant Science</i> , 2012, 3, 100.	1.7	50
166	Immune Subversion and Quorum-Sensing Shape the Variation in Infectious Dose among Bacterial Pathogens. <i>PLoS Pathogens</i> , 2012, 8, e1002503.	2.1	36
167	<i>Aphanius arakensis</i> , a new species of tooth-carp (Actinopterygii, Cyprinodontidae) from the endorheic Namak Lake basin in Iran. <i>ZooKeys</i> , 2012, 215, 55-76.	0.5	39
168	Phytoplankton responses to human impacts at different scales. , 2012, , .		2
169	Role of Fig1, a Component of the Low-Affinity Calcium Uptake System, in Growth and Sexual Development of Filamentous Fungi. <i>Eukaryotic Cell</i> , 2012, 11, 978-988.	3.4	51
170	The Non-Flagellar Type III Secretion System Evolved from the Bacterial Flagellum and Diversified into Host-Cell Adapted Systems. <i>PLoS Genetics</i> , 2012, 8, e1002983.	1.5	254
171	Differential Infectivity by the Oral Route of <i>Trypanosoma cruzi</i> Lineages Derived from Y Strain. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1804.	1.3	25
172	HmtDB, a genomic resource for mitochondrion-based human variability studies. <i>Nucleic Acids Research</i> , 2012, 40, D1150-D1159.	6.5	82
173	Mitochondrial Genome Evolution in a Single Protoploid Yeast Species. <i>G3: Genes, Genomes, Genetics</i> , 2012, 2, 1103-1111.	0.8	48
174	Phylogeny and fitness of <i>Vibrio fischeri</i> from the light organs of <i>Euprymna scolopes</i> in two Oahu, Hawaii populations. <i>ISME Journal</i> , 2012, 6, 352-362.	4.4	48
175	Venezuelan Equine Encephalitis Virus Activity in the Gulf Coast Region of Mexico, 2003–2010. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1875.	1.3	35
176	SBAL: a practical tool to generate and edit structure-based amino acid sequence alignments. <i>Bioinformatics</i> , 2012, 28, 1026-1027.	1.8	21
177	Crystal structure of the predicted phospholipase LYPLAL1 reveals unexpected functional plasticity despite close relationship to acyl protein thioesterases. <i>Journal of Lipid Research</i> , 2012, 53, 43-50.	2.0	50
178	Structural and Biochemical Characterization of the Vaccinia Virus Envelope Protein D8 and Its Recognition by the Antibody LA5. <i>Journal of Virology</i> , 2012, 86, 8050-8058.	1.5	33
179	Fluoride resistance and transport by riboswitch-controlled CLC antiporters. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 15289-15294.	3.3	125
180	<i>Lactobacillus gigeriorum</i> sp. nov., isolated from chicken crop. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 330-334.	0.8	25
181	Extensive Genetic Diversity, Unique Population Structure and Evidence of Genetic Exchange in the Sexually Transmitted Parasite <i>Trichomonas vaginalis</i> . <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1573.	1.3	81

#	ARTICLE	IF	CITATIONS
182	Emergence of Atypical <i>Mycoplasma agalactiae</i> Strains Harboring a New Prophage and Associated with an Alpine Wild Ungulate Mortality Episode. <i>Applied and Environmental Microbiology</i> , 2012, 78, 4659-4668.	1.4	32
183	Efficient Selection of Branch-Specific Models of Sequence Evolution. <i>Molecular Biology and Evolution</i> , 2012, 29, 1861-1874.	3.5	56
184	Modulation of Symbiont Lipid A Signaling by Host Alkaline Phosphatases in the Squid-Vibrio Symbiosis. <i>MBio</i> , 2012, 3, .	1.8	38
185	Are the Great Plains wildrye (<i>Elymus canadensis</i>) and the Siberian wildrye (<i>Elymus sibiricus</i>) conspecific? A study based on the nuclear 5S rDNA sequences. <i>Botany</i> , 2012, 90, 407-421.	0.5	8
186	Partial suppression of <i>oxa1</i> mutants by mitochondria-targeted signal recognition particle provides insights into the evolution of the cotranslational insertion systems. <i>FEBS Journal</i> , 2013, 280, 904-915.	2.2	3
187	Impaired Auxin Biosynthesis in the <i>defective endosperm18</i> Mutant Is Due to Mutational Loss of Expression in the <i>ZmYuc1</i> Gene Encoding Endosperm-Specific YUCCA1 Protein in Maize. <i>Plant Physiology</i> , 2012, 160, 1318-1328.	2.3	128
188	Dual targeting of aminoacyl-tRNA synthetases to the mitochondrion and complex plastid in chlorarachniophytes. <i>Journal of Cell Science</i> , 2012, 125, 6176-6184.	1.2	17
189	Impairment of O-antigen production confers resistance to grazing in a model amoeba-cyanobacterium predator-prey system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 16678-16683.	3.3	60
190	Expression of the R2R3-MYB Transcription Factor TaMYB14 from <i>Trifolium arvense</i> Activates Proanthocyanidin Biosynthesis in the Legumes <i>Trifolium repens</i> and <i>Medicago sativa</i> . <i>Plant Physiology</i> , 2012, 159, 1204-1220.	2.3	111
191	Genome-Based Reconstruction of the Protein Import Machinery in the Secondary Plastid of a Chlorarachniophyte Alga. <i>Eukaryotic Cell</i> , 2012, 11, 324-333.	3.4	33
192	A Member of a New Picornaviridae Genus Is Shed in Pig Feces. <i>Journal of Virology</i> , 2012, 86, 10036-10046.	1.5	45
193	Population Genomics and Phylogeography of an Australian Dairy Factory Derived Lytic Bacteriophage. <i>Genome Biology and Evolution</i> , 2012, 4, 382-393.	1.1	36
194	Iodine accumulation in sea urchin larvae is dependent on peroxide. <i>Journal of Experimental Biology</i> , 2013, 216, 915-26.	0.8	22
195	A novel papillomavirus isolated from proliferative skin lesions of a wild American beaver (<i>Castor</i>) Tj ETQq1 1 0.784314 rgBT/Overlock	0.5	11
196	Evolution of the FGF Gene Family. <i>International Journal of Evolutionary Biology</i> , 2012, 2012, 1-12.	1.0	42
197	MilP: The Monomer Identification and Isolation Program. <i>Evolutionary Bioinformatics</i> , 2012, 8, EBO.S9248.	0.6	0
198	Five simple guidelines for establishing basic authenticity and reliability of newly generated fungal ITS sequences. <i>Mycology</i> , 2012, 4, 37-63.	0.8	157
199	Rapid divergence and expansion of the X chromosome in papaya. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 13716-13721.	3.3	52

#	ARTICLE	IF	CITATIONS
200	Guidelines for Reporting Novel <i>mecA</i> Gene Homologues. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 4997-4999.	1.4	144
201	Anaerobic Benzene Oxidation by <i>Geobacter</i> Species. <i>Applied and Environmental Microbiology</i> , 2012, 78, 8304-8310.	1.4	90
202	RNA Interference against Animal Viruses: How Morbilliviruses Generate Extended Diversity To Escape Small Interfering RNA Control. <i>Journal of Virology</i> , 2012, 86, 786-795.	1.5	9
203	A Light-Regulated Genetic Module Was Recruited to Carpel Development in <i>Arabidopsis</i> following a Structural Change to SPATULA. <i>Plant Cell</i> , 2012, 24, 2812-2825.	3.1	66
204	Fss/Tbx6 is required for central dermomyotome cell fate in zebrafish. <i>Biology Open</i> , 2012, 1, 806-814.	0.6	50
205	<i>In Silico</i> Analyses of Primers Used to Detect the Pathogenicity Genes of <i>Vibrio cholerae</i>. <i>Microbes and Environments</i> , 2012, 27, 250-256.	0.7	5
206	The submarine volcano eruption at the island of El Hierro: physical-chemical perturbation and biological response. <i>Scientific Reports</i> , 2012, 2, 486.	1.6	52
207	Extensive variation in surface lipoprotein gene content and genomic changes associated with virulence during evolution of a novel North American house finch epizootic strain of <i>Mycoplasma gallisepticum</i> . <i>Microbiology (United Kingdom)</i> , 2012, 158, 2073-2088.	0.7	43
208	Phylogenetic Analysis of Non-O157 Shiga Toxin-Producing <i>Escherichia coli</i> Strains by Whole-Genome Sequencing. <i>Journal of Clinical Microbiology</i> , 2012, 50, 4123-4127.	1.8	39
209	The Repertoire of Chemical Defense Genes in the Coral <i>Acropora digitifera</i> Genome. <i>Zoological Science</i> , 2012, 29, 510.	0.3	17
210	Is <i>Epipactis pseudopurpurata</i> distinct from <i>E. purpurata</i> (Orchidaceae)? Evidence from morphology, anatomy, DNA and pollination biology. <i>Botanical Journal of the Linnean Society</i> , 2012, 170, 243-256.	0.8	11
211	Evolution of the Tbx6/16 Subfamily Genes in Vertebrates: Insights from Zebrafish. <i>Molecular Biology and Evolution</i> , 2012, 29, 3959-3983.	3.5	21
212	Multiple microalgal partners in symbiosis with the acantharian <i>Acanthochiasma</i> sp. (Radiolaria). <i>Symbiosis</i> , 2012, 58, 233-244.	1.2	44
213	Convergent evolution of defense mechanisms in oribatid mites (Acari, Oribatida) shows no 'ghosts of predation past'. <i>Molecular Phylogenetics and Evolution</i> , 2012, 65, 412-420.	1.2	27
214	<i>Micriamoeba tesseris</i> nov. gen. nov. sp.: A New Taxon of Free-living Small-sized Amoebae Non-permissive to Virulent <i>Legionellae</i> . <i>Protist</i> , 2012, 163, 888-902.	0.6	13
215	New insights into the biodiversity and generic relationships of foliose Bangiales (Rhodophyta) in Iceland and the Faroe Islands. <i>European Journal of Phycology</i> , 2012, 47, 146-159.	0.9	33
216	ARABIDILLO gene homologues in basal land plants: species-specific gene duplication and likely functional redundancy. <i>Planta</i> , 2012, 236, 1927-1941.	1.6	17
217	Occurrence and phylogenetic characterization of a baculovirus isolated from <i>Culex quinquefasciatus</i> in SAo Paulo State, Brazil. <i>Archives of Virology</i> , 2012, 157, 1741-1745.	0.9	4

#	ARTICLE	IF	CITATIONS
218	Freshwater ascomycetes: <i>Coniochaeta gigantospora</i> sp. nov. based on morphological and molecular data. <i>Mycoscience</i> , 2012, 53, 373-380.	0.3	14
219	First detection and complete genome sequence of Deformed wing virus in Chilean honeybees. <i>Virus Genes</i> , 2012, 45, 606-609.	0.7	12
220	A Gradient of ATP Affinities Generates an Asymmetric Power Stroke Driving the Chaperonin TRIC/CCT Folding Cycle. <i>Cell Reports</i> , 2012, 2, 866-877.	2.9	96
221	Natural and emergent <i>Trypanosoma cruzi</i> I genotypes revealed by mitochondrial (Cytb) and nuclear (SSU rDNA) genetic markers. <i>Experimental Parasitology</i> , 2012, 132, 487-494.	0.5	27
222	Rabbit zona pellucida composition: A molecular, proteomic and phylogenetic approach. <i>Journal of Proteomics</i> , 2012, 75, 5920-5935.	1.2	34
223	Characterization of an influenza A virus in Mexican swine that is related to the A/H1N1/2009 pandemic clade. <i>Virology</i> , 2012, 433, 176-182.	1.1	17
224	Association between hTERT activation by HPV E6 proteins and oncogenic risk. <i>Virology</i> , 2012, 433, 216-219.	1.1	54
225	Resurrection and Redescription of <i>Placobdella rugosa</i> (Verrill, 1874) (Hirudinida: Glossiphoniidae). <i>Bulletin of the Peabody Museum of Natural History</i> , 2012, 53, 375-381.	0.6	16
226	Molecular Phylogenetics of <i>Floridosentis</i> Ward, 1953 (Acanthocephala: Neoechinorhynchidae) Parasites of Mulletts (Osteichthyes) from Mexico, Using 28S rDNA Sequences. <i>Journal of Parasitology</i> , 2012, 98, 855-862.	0.3	21
227	Ancestral capture of <i>syncytin-Car1</i> , a fusogenic endogenous retroviral envelope gene involved in placentation and conserved in Carnivora. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E432-41.	3.3	119
228	Fluorescent Protein Candidate Genes in the Coral <i>Acropora digitifera</i> Genome. <i>Zoological Science</i> , 2012, 29, 260.	0.3	20
229	A new host record of <i>Sphaerospora epinepheli</i> (Myxosporea: Bivalvulida) occurring on orange-spotted grouper <i>Epinephelus coioides</i> from Thailand: Epidemiology, histopathology and phylogenetic position. <i>Veterinary Parasitology</i> , 2012, 188, 215-224.	0.7	6
230	Adaptive evolution of the Retinoid X receptor in vertebrates. <i>Genomics</i> , 2012, 99, 81-89.	1.3	17
231	Comparative genomic analysis of two brucellaphages of distant origins. <i>Genomics</i> , 2012, 99, 233-240.	1.3	17
232	Comparison of Boolean analysis and standard phylogenetic methods using artificially evolved and natural mt-tRNA sequences from great apes. <i>Molecular Phylogenetics and Evolution</i> , 2012, 63, 193-202.	1.2	3
233	New findings regarding the epidemic history and population dynamics of Japan's indigenous genotype 3 hepatitis E virus inferred by molecular evolution. <i>Liver International</i> , 2012, 32, 675-688.	1.9	23
234	Structural, Functional, and Evolutionary Analysis of the Unusually Large Stilbene Synthase Gene Family in Grapevine. <i>Plant Physiology</i> , 2012, 160, 1407-1419.	2.3	138
235	Genome-Scale Phylogeny of the Alphavirus Genus Suggests a Marine Origin. <i>Journal of Virology</i> , 2012, 86, 2729-2738.	1.5	128

#	ARTICLE	IF	CITATIONS
236	Establishment, persistence and effectiveness of arbuscular mycorrhizal fungal inoculants in the field revealed using molecular genetic tracing and measurement of yield components. <i>New Phytologist</i> , 2012, 194, 810-822.	3.5	109
237	Highly conserved low-copy nuclear genes as effective markers for phylogenetic analyses in angiosperms. <i>New Phytologist</i> , 2012, 195, 923-937.	3.5	192
238	Stipitate steroidal basidiocarps have evolved multiple times. <i>Mycologia</i> , 2012, 104, 1046-1055.	0.8	45
239	Microbial diversity in contaminated soils along the T22 trench of the Chernobyl experimental platform. <i>Applied Geochemistry</i> , 2012, 27, 1375-1383.	1.4	38
240	Ribo HRM – Detection of inter- and intra-species polymorphisms within ribosomal DNA by high resolution melting analysis supported by application of artificial allelic standards. <i>Journal of Microbiological Methods</i> , 2012, 90, 336-341.	0.7	5
241	In silico cloning of genes encoding neuropeptides, neurohormones and their putative G-protein coupled receptors in a spider mite. <i>Insect Biochemistry and Molecular Biology</i> , 2012, 42, 277-295.	1.2	93
242	Metallothionein primary structure in amphibians: Insights from comparative evolutionary analysis in vertebrates. <i>Comptes Rendus - Biologies</i> , 2012, 335, 480-487.	0.1	14
243	Mutations in axonemal dynein assembly factor DNAAF3 cause primary ciliary dyskinesia. <i>Nature Genetics</i> , 2012, 44, 381-389.	9.4	231
244	Molecular phylogeny of the bivalve superfamily Galeommatoidea (Heterodonta, Veneroidea) reveals dynamic evolution of symbiotic lifestyle and interphylum host switching. <i>BMC Evolutionary Biology</i> , 2012, 12, 172.	3.2	46
245	Can phylogeny predict chemical diversity and potential medicinal activity of plants? A case study of amaryllidaceae. <i>BMC Evolutionary Biology</i> , 2012, 12, 182.	3.2	121
246	Transcriptome characterization via 454 pyrosequencing of the annelid <i>Pristina leidyi</i> , an emerging model for studying the evolution of regeneration. <i>BMC Genomics</i> , 2012, 13, 287.	1.2	22
247	Identification of novel subgroup A variants with enhanced receptor binding and replicative capacity in primary isolates of anaemogenic strains of feline leukaemia virus. <i>Retrovirology</i> , 2012, 9, 48.	0.9	7
248	Comparative description of ten transcriptomes of newly sequenced invertebrates and efficiency estimation of genomic sampling in non-model taxa. <i>Frontiers in Zoology</i> , 2012, 9, 33.	0.9	114
249	Comparative genomic analysis of the DUF71/COG2102 family predicts roles in diphthamide biosynthesis and B12 salvage. <i>Biology Direct</i> , 2012, 7, 32.	1.9	19
250	Assessment of the genetic relationship between <i>Dictyocaulus</i> species from <i>Bos taurus</i> and <i>Cervus elaphus</i> using complete mitochondrial genomic datasets. <i>Parasites and Vectors</i> , 2012, 5, 241.	1.0	36
251	Phylum XXVI. Actinobacteria phyl. nov., 2012, , 33-2028.		58
252	Egg Cell – Secreted EC1 Triggers Sperm Cell Activation During Double Fertilization. <i>Science</i> , 2012, 338, 1093-1097.	6.0	273
253	Development of a host blood meal database: <i>de novo</i> sequencing of hemoglobin from nine small mammals using mass spectrometry. <i>Biological Chemistry</i> , 2012, 393, 195-201.	1.2	18

#	ARTICLE	IF	CITATIONS
254	Identification of Homologous Gene Sequences by PCR with Degenerate Primers. <i>Methods in Molecular Biology</i> , 2012, 772, 245-256.	0.4	11
255	Phylogenetic Approaches to Natural Product Structure Prediction. <i>Methods in Enzymology</i> , 2012, 517, 161-182.	0.4	35
256	LEC-2, a highly variable lectin in the lichen <i>Peltigera membranacea</i> . <i>Symbiosis</i> , 2012, 58, 91-98.	1.2	20
257	Three new genera representing novel lineages of Sordariomycetidae (Sordariomycetes, Ascomycota) from tropical freshwater habitats in Costa Rica. <i>Mycologia</i> , 2012, 104, 865-879.	0.8	20
258	Expressional and functional variation of horizontally acquired cellulases in the nematode <i>Pristionchus pacificus</i> . <i>Gene</i> , 2012, 506, 274-282.	1.0	27
259	<i>Staphylococcus aureus</i> throat carriage is associated with ABO-/secretor status. <i>Journal of Infection</i> , 2012, 65, 310-317.	1.7	31
260	Mitochondrial genome of <i>Angiostrongylus vasorum</i> : Comparison with congeners and implications for studying the population genetics and epidemiology of this parasite. <i>Infection, Genetics and Evolution</i> , 2012, 12, 1884-1891.	1.0	34
261	Repeated regions in mitochondrial genomes: Distribution, origin and evolutionary significance. <i>Mitochondrion</i> , 2012, 12, 483-491.	1.6	13
262	The active stem cell specific expression of sponge <i>Musashi</i> homolog <i>EfIMsiA</i> suggests its involvement in maintaining the stem cell state. <i>Mechanisms of Development</i> , 2012, 129, 24-37.	1.7	24
263	Sequence and Analysis of the Genome of the Pathogenic Yeast <i>Candida orthopsilosis</i> . <i>PLoS ONE</i> , 2012, 7, e35750.	1.1	69
264	Anaerobic utilization of toluene by marine alpha- and gammaproteobacteria reducing nitrate. <i>Microbiology (United Kingdom)</i> , 2012, 158, 2946-2957.	0.7	31
265	<i>Bacillus kochii</i> sp. nov., isolated from foods and a pharmaceuticals manufacturing site. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 1092-1097.	0.8	28
266	Cryptic diversity among Western Palearctic tree frogs: Postglacial range expansion, range limits, and secondary contacts of three European tree frog lineages (<i>Hyla arborea</i> group). <i>Molecular Phylogenetics and Evolution</i> , 2012, 65, 1-9.	1.2	97
267	Comparative Genomic Analysis Reveals Novel Facts about <i>Leptospirillum</i> spp. Cytochromes. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2012, 22, 94-104.	1.0	12
268	Production and Characterization of Extracellular α -Amylase Produced by <i>Wickerhamia</i> sp. X-Fep. <i>Applied Biochemistry and Biotechnology</i> , 2012, 167, 2117-2129.	1.4	10
269	A Sperm Nuclear Basic Protein from the Sperm of the Marine Worm <i>Chaetopterus variopedatus</i> with Sequence Similarity to the Arginine-Rich C-Termini of Chordate Protamine-Likes. <i>DNA and Cell Biology</i> , 2012, 31, 1392-1402.	0.9	21
270	<i>Phorcysia thermohydrogeniphila</i> gen. nov., sp. nov., a thermophilic, chemolithoautotrophic, nitrate-ammonifying bacterium from a deep-sea hydrothermal vent. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 2388-2394.	0.8	20
271	Fish Lateral Line Innovation: Insights into the Evolutionary Genomic Dynamics of a Unique Mechanosensory Organ. <i>Molecular Biology and Evolution</i> , 2012, 29, 3887-3898.	3.5	11

#	ARTICLE	IF	CITATIONS
272	Phytohabitans flavus sp. nov., Phytohabitans rumicis sp. nov. and Phytohabitans houttuyniae sp. nov., isolated from plant roots, and emended description of the genus Phytohabitans. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 2717-2723.	0.8	21
273	Putative SF2 helicases of the early-branching eukaryote Giardia lamblia are involved in antigenic variation and parasite differentiation into cysts. BMC Microbiology, 2012, 12, 284.	1.3	7
274	A Dig into the Past Mitochondrial Diversity of Corsican Goats Reveals the Influence of Secular Herding Practices. PLoS ONE, 2012, 7, e30272.	1.1	10
275	A Novel Extracellular Metallopeptidase Domain Shared by Animal Host-Associated Mutualistic and Pathogenic Microbes. PLoS ONE, 2012, 7, e30287.	1.1	96
276	Shedding Light on Vampires: The Phylogeny of Vampyrellid Amoebae Revisited. PLoS ONE, 2012, 7, e31165.	1.1	75
277	Phylo: A Citizen Science Approach for Improving Multiple Sequence Alignment. PLoS ONE, 2012, 7, e31362.	1.1	166
278	Diversity Measures in Environmental Sequences Are Highly Dependent on Alignment Quality—Data from ITS and New LSU Primers Targeting Basidiomycetes. PLoS ONE, 2012, 7, e32139.	1.1	15
279	Transmission and Selection of Macrolide Resistant Mycoplasma genitalium Infections Detected by Rapid High Resolution Melt Analysis. PLoS ONE, 2012, 7, e35593.	1.1	100
280	The Airway Microbiota in Cystic Fibrosis: A Complex Fungal and Bacterial Community—Implications for Therapeutic Management. PLoS ONE, 2012, 7, e36313.	1.1	312
281	Detection of Retroviral Super-Infection from Non-Invasive Samples. PLoS ONE, 2012, 7, e36570.	1.1	4
282	The Expression of Small Regulatory RNAs in Clinical Samples Reflects the Different Life Styles of Staphylococcus aureus in Colonization vs. Infection. PLoS ONE, 2012, 7, e37294.	1.1	32
283	mPSQed: A Software for the Design of Multiplex Pyrosequencing Assays. PLoS ONE, 2012, 7, e38140.	1.1	6
284	High Diversity at PRDM9 in Chimpanzees and Bonobos. PLoS ONE, 2012, 7, e39064.	1.1	32
285	Microplanktonic Community Structure in a Coastal System Relative to a Phaeocystis Bloom Inferred from Morphological and Tag Pyrosequencing Methods. PLoS ONE, 2012, 7, e39924.	1.1	68
286	A Conserved Non-Reproductive GnRH System in Chordates. PLoS ONE, 2012, 7, e41955.	1.1	41
287	Tertiary Endosymbiosis in Two Dinotoms Has Generated Little Change in the Mitochondrial Genomes of Their Dinoflagellate Hosts and Diatom Endosymbionts. PLoS ONE, 2012, 7, e43763.	1.1	47
288	Evolutionary History of Contagious Bovine Pleuropneumonia Using Next Generation Sequencing of Mycoplasma mycoides Subsp. mycoides —Small Colony—. PLoS ONE, 2012, 7, e46821.	1.1	27
289	Structural and Enzymatic characterization of the lactonase SisLac from Sulfolobus islandicus. PLoS ONE, 2012, 7, e47028.	1.1	70

#	ARTICLE	IF	CITATIONS
290	Decay of Genes Encoding the Oomycete Flagellar Proteome in the Downy Mildew <i>Hyaloperonospora arabidopsidis</i> . PLoS ONE, 2012, 7, e47624.	1.1	24
291	Protein Fragments: Functional and Structural Roles of Their Coevolution Networks. PLoS ONE, 2012, 7, e48124.	1.1	22
292	Molecular Epidemiology of Human Immunodeficiency Virus Type 1 in Guangdong Province of Southern China. PLoS ONE, 2012, 7, e48747.	1.1	21
293	Sex in Cheese: Evidence for Sexuality in the Fungus <i>Penicillium roqueforti</i> . PLoS ONE, 2012, 7, e49665.	1.1	40
294	Repeatedly Evolved Host-Specific Ectosymbioses between Sulfur-Oxidizing Bacteria and Amphipods Living in a Cave Ecosystem. PLoS ONE, 2012, 7, e50254.	1.1	40
295	Development of a Real-Time PCR for Identification of <i>Brachyspira</i> Species in Human Colonic Biopsies. PLoS ONE, 2012, 7, e52281.	1.1	24
296	Scorpions from the primeval subgenus <i>Archaeotityus</i> produce putative homologs of <i>Tityus serrulatus</i> toxins active on voltage-gated sodium channels. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2012, 18, 432-440.	0.8	6
297	Genome Sequence of <i>Azospirillum brasilense</i> CBG497 and Comparative Analyses of <i>Azospirillum</i> Core and Accessory Genomes provide Insight into Niche Adaptation. Genes, 2012, 3, 576-602.	1.0	66
298	Dynamics of Bacterial Communities in Two Unpolluted Soils after Spiking with Phenanthrene: Soil Type Specific and Common Responders. Frontiers in Microbiology, 2012, 3, 290.	1.5	86
299	A Framework for Assessing the Concordance of Molecular Typing Methods and the True Strain Phylogeny of <i>Campylobacter jejuni</i> and <i>C. coli</i> Using Draft Genome Sequence Data. Frontiers in Cellular and Infection Microbiology, 2012, 2, 57.	1.8	31
300	Molecular Characterization of <i>Glossiphonia elegans</i> (Verrill, 1872) (<i>Glossiphoniidae</i> : <i>Hirudinida</i>) from its type locality, West River, New Haven County, Connecticut, USA. Zootaxa, 2012, 3195, 57.	0.2	4
301	Phylogeny, biogeography, and chromosome evolution of the amphitropical genus <i>Grindelia</i> (<i>Asteraceae</i>) inferred from nuclear ribosomal and chloroplast sequence data. Taxon, 2012, 61, 211-230.	0.4	15
302	DNA phylogeny of <i>Ryukyus Leucothoidae</i> (Crustacea: Amphipoda). Contributions To Zoology, 2012, 81, 159-S2.	0.2	13
303	The discovery of progenetic <i>Allocreadium neotenicum</i> Peters, 1957 (<i>Digenea</i> : <i>Allocreadiidae</i>) in water beetles (<i>Coleoptera</i> : <i>Dytiscidae</i>) in Great Britain. Zootaxa, 2012, 3577, 58.	0.2	23
304	Resurrection of the genus <i>Homalopteroides</i> (Teleostei: <i>Balitoridae</i>) with a redescription of <i>H. modestus</i> (Vinciguerra 1890). Zootaxa, 2012, 3586, 329.	0.2	10
305	Molecular Evidence for the Wide Distribution of Two Lineages of Terrestrial Green Algae (<i>Chlorophyta</i>) over Tropics to Temperate Zone. ISRN Ecology, 2012, 2012, 1-9.	1.0	12
306	Discovery of the second European <i>Amalopsis</i> species: an integrative survey of the widespread <i>Pedicia</i> (<i>Amalopsis</i>) <i>occulta</i> (Meigen, 1830) (<i>Insecta</i> , <i>Diptera</i> , <i>Pediciidae</i>). Zootaxa, 2012, 3189, 1.	0.2	7
307	<i>Candidatus</i> <i>Neoehrlichia mikurensis</i> in Bank Voles, France. Emerging Infectious Diseases, 2012, 18, 2063-2065.	2.0	35

#	ARTICLE	IF	CITATIONS
308	Candidate chemosensory Genes in Female Antennae of the Noctuid Moth <i>Spodoptera littoralis</i> . <i>International Journal of Biological Sciences</i> , 2012, 8, 1036-1050.	2.6	83
309	The N-terminal domains of SOCS proteins: A conserved region in the disordered N-termini of SOCS4 and 5. <i>Proteins: Structure, Function and Bioinformatics</i> , 2012, 80, 946-957.	1.5	34
310	A new species of <i>Acanthostigma</i> (Tubeufiaceae, Dothideomycetes) from the southern hemisphere. <i>Mycologia</i> , 2012, 104, 223-231.	0.8	13
311	Revisiting the Clinal Concept of Evolution and Dispersal for the Tick-Borne Flaviviruses by Using Phylogenetic and Biogeographic Analyses. <i>Journal of Virology</i> , 2012, 86, 8663-8671.	1.5	79
312	Gain and loss of multiple functionally related, horizontally transferred genes in the reduced genomes of two microsporidian parasites. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 12638-12643.	3.3	97
313	Evolution of coding and non-coding genes in HOX clusters of a marsupial. <i>BMC Genomics</i> , 2012, 13, 251.	1.2	47
314	Phylogenetics of tribe Orchideae (Orchidaceae: Orchidoideae) based on combined DNA matrices: inferences regarding timing of diversification and evolution of pollination syndromes. <i>Annals of Botany</i> , 2012, 110, 71-90.	1.4	83
315	Expression and phylogeny of candidate genes for sex differentiation in a primitive fish species, the Siberian sturgeon, <i>Acipenser baerii</i> . <i>Molecular Reproduction and Development</i> , 2012, 79, 504-516.	1.0	45
316	Incorrect handling of calibration information in divergence time inference: an example from volcanic islands. <i>Ecology and Evolution</i> , 2012, 2, 493-500.	0.8	10
317	Exclusion of the 750 kb genetically unstable region at Xq27 as a candidate locus for prostate malignancy in HPCX1-linked families. <i>Genes Chromosomes and Cancer</i> , 2012, 51, 933-948.	1.5	7
318	A practical guide for the computational selection of residues to be experimentally characterized in protein families. <i>Briefings in Bioinformatics</i> , 2012, 13, 329-336.	3.2	10
319	Isolation of actinomycetes from the root of the plant, <i>Ophiopogon japonicus</i> , and proposal of two new species, <i>Actinoallomurus liliacearum</i> sp. nov. and <i>Actinoallomurus vinaceus</i> sp. nov.. <i>Journal of Antibiotics</i> , 2012, 65, 335-340.	1.0	22
320	Redescription of <i>Placobdella ornata</i> (Verrill, 1872) (Hirudinida: Glossiphoniidae). <i>Bulletin of the Peabody Museum of Natural History</i> , 2012, 53, 325-330.	0.6	18
321	Accurate Identification of <i>Candida parapsilosis</i> (Sensu Lato) by Use of Mitochondrial DNA and Real-Time PCR. <i>Journal of Clinical Microbiology</i> , 2012, 50, 2310-2314.	1.8	28
322	An update to modern taxonomy (2011) of freshwater planktic heterocytous cyanobacteria. <i>Hydrobiologia</i> , 2012, 698, 327-351.	1.0	62
323	Molecular identification of hybrids of the invasive gibel carp <i>Carassius auratus gibelio</i> and crucian carp <i>Carassius carassius</i> in Swedish waters. <i>Journal of Fish Biology</i> , 2012, 80, 2595-2604.	0.7	48
324	Low genetic diversity and evidence of population structure among subspecies of <i>Nerodia harteri</i> , a threatened water snake endemic to Texas. <i>Conservation Genetics</i> , 2012, 13, 977-986.	0.8	11
325	Molecular phylogeny of glass sponges (Porifera, Hexactinellida): increased taxon sampling and inclusion of the mitochondrial protein-coding gene, cytochrome oxidase subunit I. <i>Hydrobiologia</i> , 2012, 687, 11-20.	1.0	24

#	ARTICLE	IF	CITATIONS
326	First evaluation of mitochondrial DNA as a marker for phylogeographic studies of <i>Calcarea</i> : a case study from <i>Leucetta chagosensis</i> . <i>Hydrobiologia</i> , 2012, 687, 101-106.	1.0	13
327	Invading <i>Aurelia aurita</i> has established scyphistoma populations in the Caspian Sea. <i>Marine Biology</i> , 2012, 159, 1061-1069.	0.7	6
328	Phylogenetic position and taxonomy of three heterocytous cyanobacteria dominating the littoral of deglaciated lakes, James Ross Island, Antarctica. <i>Polar Biology</i> , 2012, 35, 759-774.	0.5	30
329	<i>Staphylotrichum boninense</i> , a new hyphomycete (Chaetomiaceae) from soils in the Bonin Islands, Japan. <i>Mycoscience</i> , 2012, 53, 312-318.	0.3	20
330	An updated analysis of hepatitis C virus genotypes and subtypes based on the complete coding region. <i>Liver International</i> , 2012, 32, 339-345.	1.9	104
331	Phosphate transporters in marine phytoplankton and their viruses: cross-domain commonalities in viral-host gene exchanges. <i>Environmental Microbiology</i> , 2012, 14, 162-176.	1.8	70
332	Genetic diversity of <i>Fusarium oxysporum</i> and related species pathogenic on tomato in Algeria and other Mediterranean countries. <i>Plant Pathology</i> , 2012, 61, 787-800.	1.2	29
333	The genome sequence of the wine yeast VIN7 reveals an allotriploid hybrid genome with <i>Saccharomyces cerevisiae</i> and <i>Saccharomyces kudriavzevii</i> origins. <i>FEMS Yeast Research</i> , 2012, 12, 88-96.	1.1	114
334	Analysis of a calcium-binding EF-hand protein family in <i>Fasciola gigantica</i> . <i>Experimental Parasitology</i> , 2012, 130, 364-373.	0.5	26
335	Cloning and expression analysis of Fgf5, 6 and 7 during early chick development. <i>Gene Expression Patterns</i> , 2012, 12, 245-253.	0.3	11
336	<i>Leishmania donovani</i> HsIV does not interact stably with HsIU proteins. <i>International Journal for Parasitology</i> , 2012, 42, 329-339.	1.3	10
337	First case of rabbit haemorrhagic disease in Canada: contaminated flying insect, vs. long-term infection hypothesis. <i>Molecular Ecology</i> , 2012, 21, 1042-1047.	2.0	8
338	MOLECULAR PHYLOGENY OF ANTARCTIC <i>PRASIOLOA</i> (PRASIOLALES, TREBOUXIOPHYCEAE) REVEALS EXTENSIVE CRYPTIC DIVERSITY. <i>Journal of Phycology</i> , 2012, 48, 940-955.	1.0	45
339	The Protein Import Pore Tom40 in the Microsporidian <i>Nosema bombycis</i> . <i>Journal of Eukaryotic Microbiology</i> , 2012, 59, 251-257.	0.8	5
340	Phylodynamics of the HIV-1 CRF02_AG clade in Cameroon. <i>Infection, Genetics and Evolution</i> , 2012, 12, 453-460.	1.0	52
341	Molecular epidemiology and genetic history of European-type genotype 3 hepatitis E virus indigenized in the central region of Japan. <i>Infection, Genetics and Evolution</i> , 2012, 12, 1524-1534.	1.0	21
342	Structural Insights into the Role of Domain Flexibility in Human DNA Ligase IV. <i>Structure</i> , 2012, 20, 1212-1222.	1.6	44
343	Supermatrix Data Highlight the Phylogenetic Relationships of Photosynthetic Stramenopiles. <i>Protist</i> , 2012, 163, 217-231.	0.6	102

#	ARTICLE	IF	CITATIONS
344	Nested in the Chlorellales or Independent Class? Phylogeny and Classification of the Pedinophyceae (Viridiplantae) Revealed by Molecular Phylogenetic Analyses of Complete Nuclear and Plastid-encoded rRNA Operons. <i>Protist</i> , 2012, 163, 778-805.	0.6	62
345	Cecropins as a marker of <i>Spodoptera frugiperda</i> immunosuppression during entomopathogenic bacterial challenge. <i>Journal of Insect Physiology</i> , 2012, 58, 881-888.	0.9	39
346	Detection, molecular characterization and phylogenetic analysis of full-length equine infectious anemia (EIAV) gag genes isolated from Shackleford Banks wild horses. <i>Veterinary Microbiology</i> , 2012, 157, 320-332.	0.8	27
347	First evidence and molecular characterization of <i>Babesia vogeli</i> in naturally infected dogs and <i>Rhipicephalus sanguineus</i> ticks in southern France. <i>Veterinary Parasitology</i> , 2012, 187, 399-407.	0.7	24
348	Molecular ABO phenotyping in cynomolgus macaques using real-time quantitative PCR. <i>Tissue Antigens</i> , 2012, 80, 363-367.	1.0	10
349	Functional characterization of a sex pheromone receptor in the pest moth <i>Spodoptera littoralis</i> by heterologous expression in <i>Drosophila</i> . <i>European Journal of Neuroscience</i> , 2012, 36, 2588-2596.	1.2	86
350	Integrated metagenomic and metaproteomic analyses of an ANME-1 dominated community in marine cold seep sediments. <i>Environmental Microbiology</i> , 2012, 14, 1333-1346.	1.8	103
351	Electing a candidate: a speculative history of the bacterial phylum OP10. <i>Environmental Microbiology</i> , 2012, 14, 3069-3080.	1.8	34
352	iHAT: interactive Hierarchical Aggregation Table for Genetic Association Data. <i>BMC Bioinformatics</i> , 2012, 13, S2.	1.2	16
353	Pseudoscorpion mitochondria show rearranged genes and genome-wide reductions of RNA gene sizes and inferred structures, yet typical nucleotide composition bias. <i>BMC Evolutionary Biology</i> , 2012, 12, 31.	3.2	29
354	Improving global influenza surveillance: trends of A(H5N1) virus in Africa and Asia. <i>BMC Research Notes</i> , 2012, 5, 62.	0.6	9
355	Lectin genes in the <i>Frankia alni</i> genome. <i>Archives of Microbiology</i> , 2012, 194, 47-56.	1.0	14
356	Phylogenetic analysis reveals the surprising diversity of an oxygenase class. <i>Journal of Biological Inorganic Chemistry</i> , 2012, 17, 425-436.	1.1	23
357	Phylogenetic study of <i>Setaria cervi</i> based on mitochondrial <i>cox1</i> gene sequences. <i>Parasitology Research</i> , 2012, 110, 281-285.	0.6	14
358	Matita, a new retroelement from peanut: characterization and evolutionary context in the light of the <i>Arachis</i> genome divergence. <i>Molecular Genetics and Genomics</i> , 2012, 287, 21-38.	1.0	43
359	Phylogenetic comparison among the heterocystous cyanobacteria based on a polyphasic approach. <i>Protoplasma</i> , 2013, 250, 77-94.	1.0	23
360	<i>Methylomarinum vadi</i> gen. nov., sp. nov., a methanotroph isolated from two distinct marine environments. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 1073-1082.	0.8	65
361	Genetic Detection and Characterization of Atypical Bovine Pestiviruses in Foetal Bovine Sera Claimed to be of Australian Origin. <i>Transboundary and Emerging Diseases</i> , 2013, 60, 284-288.	1.3	16

#	ARTICLE	IF	CITATIONS
362	Diversity of secondary endosymbionts among different putative species of the whitefly <i>Bemisia tabaci</i> . <i>Insect Science</i> , 2013, 20, 194-206.	1.5	90
363	Impact of rotavirus vaccine on rotavirus genotypes and caliciviruses circulating in French cattle. <i>Vaccine</i> , 2013, 31, 2433-2440.	1.7	15
364	Within-host and between-host evolutionary rates across the HIV-1 genome. <i>Retrovirology</i> , 2013, 10, 49.	0.9	110
365	A multi-locus approach to barcoding in the <i>Anopheles strodei</i> subgroup (Diptera: Culicidae). <i>Parasites and Vectors</i> , 2013, 6, 111.	1.0	62
366	Diversity of <i>Fusarium</i> species and mycotoxins contaminating pineapple. <i>Journal of Applied Genetics</i> , 2013, 54, 367-380.	1.0	53
367	Transcriptional analysis of <i>Dehydrin1</i> genes responsive to dehydrating stress in grapevines. <i>Horticulture Environment and Biotechnology</i> , 2013, 54, 272-279.	0.7	9
368	Solution NMR structure of the helicase associated domain BVU_0683(627-691) from <i>Bacteroides vulgatus</i> provides first structural coverage for protein domain family PF03457 and indicates domain binding to DNA. <i>Journal of Structural and Functional Genomics</i> , 2013, 14, 19-24.	1.2	0
369	<i>Natronorubrum texcoconense</i> sp. nov., a haloalkaliphilic archaeon isolated from soil of the former lake Texcoco (Mexico). <i>Archives of Microbiology</i> , 2013, 195, 145-151.	1.0	19
370	The Dentin Matrix Acidic Phosphoprotein 1 (DMP1) in the Light of Mammalian Evolution. <i>Journal of Molecular Evolution</i> , 2013, 76, 59-70.	0.8	16
371	Quantification and relative severity of inflated branch-support values generated by alternative methods: An empirical example. <i>Molecular Phylogenetics and Evolution</i> , 2013, 67, 277-296.	1.2	27
372	Diatom assemblages promote ice formation in large lakes. <i>ISME Journal</i> , 2013, 7, 1632-1640.	4.4	42
373	Phylogeography of the heathers <i>Erica arborea</i> and <i>E. trimera</i> in the afro-alpine "sky islands" inferred from AFLPs and plastid DNA sequences. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2013, 208, 453-463.	0.6	29
374	Molecular phylogeny based on increased number of species and genes revealed more robust family-level systematics of the order Euryalida (Echinodermata: Ophiuroidea). <i>Molecular Phylogenetics and Evolution</i> , 2013, 69, 566-580.	1.2	32
375	Collembola, the biological species concept and the underestimation of global species richness. <i>Molecular Ecology</i> , 2013, 22, 5382-5396.	2.0	60
376	Complex dynamic of dengue virus serotypes 2 and 3 in Cambodia following series of climate disasters. <i>Infection, Genetics and Evolution</i> , 2013, 15, 77-86.	1.0	11
377	Next-generation sequencing and phylogenetic signal of complete mitochondrial genomes for resolving the evolutionary history of leaf-nosed bats (Phyllostomidae). <i>Molecular Phylogenetics and Evolution</i> , 2013, 69, 728-739.	1.2	55
378	Zucchini yellow mosaic virus (ZYMV, Potyvirus): Vertical transmission, seed infection and cryptic infections. <i>Virus Research</i> , 2013, 176, 259-264.	1.1	49
379	Can molecular data validate morphometric identification of faecal pellets in Tanzanian forest antelope species?. <i>Conservation Genetics Resources</i> , 2013, 5, 1095-1100.	0.4	15

#	ARTICLE	IF	CITATIONS
380	Evolution of protein indels in plants, animals and fungi. <i>BMC Evolutionary Biology</i> , 2013, 13, 140.	3.2	58
381	Rates of molecular evolution and diversification in plants: chloroplast substitution rates correlate with species-richness in the Proteaceae. <i>BMC Evolutionary Biology</i> , 2013, 13, 65.	3.2	54
382	The ancestral activation promiscuity of ADP-glucose pyrophosphorylases from oxygenic photosynthetic organisms. <i>BMC Evolutionary Biology</i> , 2013, 13, 51.	3.2	23
383	Congruence of chloroplast- and nuclear-encoded DNA sequence variations used to assess species boundaries in the soil microalga <i>Heterococcus</i> (Stramenopiles, Xanthophyceae). <i>BMC Evolutionary Biology</i> , 2013, 13, 39.	3.2	26
384	Tyrosine pathway regulation is host-mediated in the pea aphid symbiosis during late embryonic and early larval development. <i>BMC Genomics</i> , 2013, 14, 235.	1.2	51
385	Novel core promoter elements in the oomycete pathogen <i>Phytophthora infestans</i> and their influence on expression detected by genome-wide analysis. <i>BMC Genomics</i> , 2013, 14, 106.	1.2	31
386	Distinct genomic organization, mRNA expression and cellular localization of members of two amastin sub-families present in <i>Trypanosoma cruzi</i> . <i>BMC Microbiology</i> , 2013, 13, 10.	1.3	25
387	<i>Lactobacillus</i> species isolated from vaginal secretions of healthy and bacterial vaginosis-intermediate Mexican women: a prospective study. <i>BMC Infectious Diseases</i> , 2013, 13, 189.	1.3	40
388	Phylogenetic analysis of the Argonaute protein family in platyhelminths. <i>Molecular Phylogenetics and Evolution</i> , 2013, 66, 1050-1054.	1.2	12
389	Monosaccharide analysis of succulent leaf tissue in <i>Aloe</i> . <i>Phytochemistry</i> , 2013, 93, 79-87.	1.4	29
390	Development and characterization of simple sequence repeats for <i>Bipolaris sorokiniana</i> and cross transferability to related species. <i>Mycologia</i> , 2013, 105, 1164-1173.	0.8	8
391	Comparative analysis of known miRNAs across platyhelminths. <i>FEBS Journal</i> , 2013, 280, 3944-3951.	2.2	31
392	Posterior elongation in the annelid <i>Platynereis dumerilii</i> involves stem cells molecularly related to primordial germ cells. <i>Developmental Biology</i> , 2013, 382, 246-267.	0.9	81
393	Combining Molecular Data with Classical Morphology for Uncultured Phagotrophic Euglenids (Excavata): A Single-Cell Approach. <i>Journal of Eukaryotic Microbiology</i> , 2013, 60, 615-625.	0.8	29
394	<i>Basidioascus</i> and <i>Geminibasidium</i> : a new lineage of heat-resistant and xerotolerant basidiomycetes. <i>Mycologia</i> , 2013, 105, 1231-1250.	0.8	42
395	<i>Streptococcus rubneri</i> sp. nov., isolated from the human throat. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 4026-4032.	0.8	33
396	Immunoglobulin genes of the turtles. <i>Immunogenetics</i> , 2013, 65, 227-237.	1.2	28
397	Ethyl tert-butyl ether (ETBE) biodegradation by a syntrophic association of <i>Rhodococcus</i> sp. IFP 2042 and <i>Bradyrhizobium</i> sp. IFP 2049 isolated from a polluted aquifer. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 10531-10539.	1.7	22

#	ARTICLE	IF	CITATIONS
398	<i>Mycobacterium bourgelatii</i> sp. nov., a rapidly growing, non-chromogenic species isolated from the lymph nodes of cattle. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 4669-4674.	0.8	14
399	Reconstructing the phylogeny of aphids (Hemiptera: Aphididae) using DNA of the obligate symbiont <i>Buchnera aphidicola</i> . <i>Molecular Phylogenetics and Evolution</i> , 2013, 68, 42-54.	1.2	102
400	The Mystery of Clade X: Orciraptor gen. nov. and Viridiraptor gen. nov. are Highly Specialised, Algivorous Amoeboflagellates (Glissomonadida, Cercozoa). <i>Protist</i> , 2013, 164, 706-747.	0.6	52
401	Genetic diversity and phylogeny of the family Osteoglossidae by the nuclear 18S ribosomal RNA and implications for its conservation. <i>Biochemical Systematics and Ecology</i> , 2013, 51, 280-287.	0.6	4
402	Adaptive divergence of a transcriptional enhancer between populations of <i>Drosophila melanogaster</i> . <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20130024.	1.8	16
403	Phylogenetic analysis of the S segment from Juitiba hantavirus: Identification of two distinct lineages in <i>Oligoryzomys nigripes</i> . <i>Infection, Genetics and Evolution</i> , 2013, 18, 262-268.	1.0	17
404	Systematic review and new insights into the molecular characterization of the <i>Candida rugosa</i> species complex. <i>Fungal Genetics and Biology</i> , 2013, 61, 33-41.	0.9	32
405	Isolation and expression of cytochrome P450 genes in the antennae and gut of pine beetle <i>Dendroctonus rhizophagus</i> (Curculionidae: Scolytinae) following exposure to host monoterpenes. <i>Gene</i> , 2013, 520, 47-63.	1.0	53
406	Molecular characterization of three GnRH receptor paralogs in the European eel, <i>Anguilla anguilla</i> : Tissue-distribution and changes in transcript abundance during artificially induced sexual development. <i>Molecular and Cellular Endocrinology</i> , 2013, 369, 1-14.	1.6	35
407	Phylogenetic evidence for recent diversification of obligate coral-dwelling gobies compared with their host corals. <i>Molecular Phylogenetics and Evolution</i> , 2013, 69, 123-132.	1.2	19
408	Identification and expression analysis of BMP signaling inhibitors genes of the DAN family in amphioxus. <i>Gene Expression Patterns</i> , 2013, 13, 377-383.	0.3	15
409	<i>Lecanicillium primulinum</i> , a new hyphomycete (Cordycipitaceae) from soils in the Okinawa's main island and the Bonin Islands, Japan. <i>Mycoscience</i> , 2013, 54, 291-296.	0.3	11
410	Dynamic transmission of West Nile virus across the United Statesâ€“Mexican border. <i>Virology</i> , 2013, 436, 75-80.	1.1	16
411	Whole-genome sequencing of two North American <i>Drosophila melanogaster</i> populations reveals genetic differentiation and positive selection. <i>Molecular Ecology</i> , 2013, 22, 5084-5097.	2.0	47
412	A Case for the Ancient Origin of Coronaviruses. <i>Journal of Virology</i> , 2013, 87, 7039-7045.	1.5	186
413	Resolving lost herbivore community structure using coprolites of four sympatric moa species (Aves: Tj ETQq1 1 0.784314 rgBT /Over 2013, 110, 16910-16915.	3.3	57
414	The repetitive component of the A genome of peanut (<i>Arachis hypogaea</i>) and its role in remodelling intergenic sequence space since its evolutionary divergence from the B genome. <i>Annals of Botany</i> , 2013, 112, 545-559.	1.4	30
415	Phylogenies of Central Element Proteins Reveal the Dynamic Evolutionary History of the Mammalian Synaptonemal Complex: Ancient and Recent Components. <i>Genetics</i> , 2013, 195, 781-793.	1.2	20

#	ARTICLE	IF	CITATIONS
416	Evaluation of ITS2-28S as a molecular marker for identification of calanoid copepods in the subtropical western North Pacific. <i>Journal of Plankton Research</i> , 2013, 35, 644-656.	0.8	39
417	Hybridization and long-distance colonization at different time scales: towards resolution of long-term controversies in the sweet vernal grasses (<i>Anthoxanthum</i>). <i>Annals of Botany</i> , 2013, 112, 1015-1030.	1.4	28
418	Ectomycorrhizal fungal diversity in <i>Quercus ilex</i> Mediterranean woodlands: variation among sites and over soil depth profiles in hyphal exploration types, species richness and community composition. <i>Symbiosis</i> , 2013, 61, 1-12.	1.2	18
419	An invasive predatory snail <i>Oxychilus alliarius</i> (Miller, 1822) (Stylommatophora: Zonitidae) threatens the native malacofauna of continental Chile: a morphological and molecular confirmation. <i>Studies on Neotropical Fauna and Environment</i> , 2013, 48, 119-124.	0.5	4
420	Top-down control of soil fungal community composition by a globally distributed keystone consumer. <i>Ecology</i> , 2013, 94, 2518-2528.	1.5	119
421	Functions, Compositions, and Evolution of the Two Types of Carboxysomes: Polyhedral Microcompartments That Facilitate CO ₂ Fixation in Cyanobacteria and Some Proteobacteria. <i>Microbiology and Molecular Biology Reviews</i> , 2013, 77, 357-379.	2.9	346
422	A new genotype in the genus <i>Arthrospira</i> (Oscillatoriales, Cyanobacteria) revealed by a mosaic-like structure of the 16S-23SrRNA intergenic spacer region in strain PCC 9901. <i>Phycologia</i> , 2013, 52, 333-337.	0.6	8
423	Lineages of ectomycorrhizal fungi revisited: Foraging strategies and novel lineages revealed by sequences from belowground. <i>Fungal Biology Reviews</i> , 2013, 27, 83-99.	1.9	431
424	Pheromone Evolution, Reproductive Genes, and Comparative Transcriptomics in Mediterranean Earthworms (Annelida, Oligochaeta, Hormogastridae). <i>Molecular Biology and Evolution</i> , 2013, 30, 1614-1629.	3.5	24
425	Genotyping and phylogenetic analysis of <i>Acanthamoeba</i> isolates associated with keratitis. <i>Parasitology Research</i> , 2013, 112, 3807-3816.	0.6	53
426	TreeParser-Aided Klee Diagrams Display Taxonomic Clusters in DNA Barcode and Nuclear Gene Datasets. <i>Scientific Reports</i> , 2013, 3, 2635.	1.6	10
427	Multilabel classification for exploiting cross-resistance information in HIV-1 drug resistance prediction. <i>Bioinformatics</i> , 2013, 29, 1946-1952.	1.8	56
428	The HIV-1 reservoir in eight patients on long-term suppressive antiretroviral therapy is stable with few genetic changes over time. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E4987-96.	3.3	260
429	Characterization of strains of <i>Weissella fabalis</i> sp. nov. and <i>Fructobacillus tropaeoli</i> from spontaneous cocoa bean fermentations. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 1709-1716.	0.8	64
430	PAH removal of high molecular weight by characterized bacterial strains from different organic sources. <i>International Biodeterioration and Biodegradation</i> , 2013, 85, 311-322.	1.9	14
431	The tapeworm <i>Atractolytocestus tenuicollis</i> (Cestoda: Caryophyllidea) is a sister species or ancestor of an invasive <i>A. huronensis</i> ?. <i>Parasitology Research</i> , 2013, 112, 3379-3388.	0.6	13
432	<i>Methanocalculus natronophilus</i> sp. nov., a new alkaliphilic hydrogenotrophic methanogenic archaeon from a soda lake, and proposal of the new family <i>Methanocalculaceae</i> . <i>Microbiology</i> , 2013, 82, 698-706.	0.5	59
433	Biosynthesis of Antinutritional Alkaloids in Solanaceous Crops Is Mediated by Clustered Genes. <i>Science</i> , 2013, 341, 175-179.	6.0	464

#	ARTICLE	IF	CITATIONS
434	Genome wide sequence analysis grants unbiased definition of species boundaries in <i>Candidatus Phytoplasma</i> . <i>Systematic and Applied Microbiology</i> , 2013, 36, 539-548.	1.2	28
436	Morphological and genetic evidence for early Holocene cattle management in northeastern China. <i>Nature Communications</i> , 2013, 4, 2755.	5.8	82
437	Unraveling the complexity of tyrosine kinase inhibitor-resistant populations by ultra-deep sequencing of the BCR-ABL kinase domain. <i>Blood</i> , 2013, 122, 1634-1648.	0.6	152
438	Molecular epidemiology of <i>Orientia tsutsugamushi</i> in Cambodia and Central Vietnam reveals a broad region-wide genetic diversity. <i>Infection, Genetics and Evolution</i> , 2013, 15, 35-42.	1.0	30
439	Integration of molecules and new fossils supports a Triassic origin for Lepidosauria (lizards, snakes, etc.). <i>PLoS ONE</i> , 2013, 8, e61000.	3.2	168
440	Prevalence of avian paramyxovirus type 1 in Mallards during autumn migration in the western Baltic Sea region. <i>Virology Journal</i> , 2013, 10, 285.	1.4	19
441	Merozoite surface protein-3 alpha as a genetic marker for epidemiologic studies in <i>Plasmodium vivax</i> : a cautionary note. <i>Malaria Journal</i> , 2013, 12, 288.	0.8	22
442	Biology and distribution of hemichordates (Enteropneusta) with emphasis on Harrimaniidae and description of <i>Protoglossus bocki</i> sp. nov. from Scandinavia. <i>Helgoland Marine Research</i> , 2013, 67, 251-265.	1.3	3
443	Transcriptomics-based screen for genes induced by flagellin and repressed by pathogen effectors identifies a cell wall-associated kinase involved in plant immunity. <i>Genome Biology</i> , 2013, 14, R139.	13.9	137
444	Phylogenomics of fescue grass-derived fungal endophytes based on selected nuclear genes and the mitochondrial gene complement. <i>BMC Evolutionary Biology</i> , 2013, 13, 270.	3.2	16
445	Phylogenetic and transcriptional analysis of an expanded bZIP transcription factor family in <i>Phytophthora sojae</i> . <i>BMC Genomics</i> , 2013, 14, 839.	1.2	30
446	Molecular and serological evidence for the circulation of the tick symbiont <i>Midichloria</i> (Rickettsiales: Midichloriaceae) in different mammalian species. <i>Parasites and Vectors</i> , 2013, 6, 350.	1.0	53
447	True lemurs - true species - species delimitation using multiple data sources in the brown lemur complex. <i>BMC Evolutionary Biology</i> , 2013, 13, 233.	3.2	31
448	Phylogenetic and taxonomic status of the coral <i>Goniopora stokesi</i> and related species (Scleractinia). <i>PLoS ONE</i> , 2013, 8, e61000.	3.2	168
449	Bayesian phylogeographic inferences reveal contrasting colonization dynamics among European groundwater isopods. <i>Molecular Ecology</i> , 2013, 22, 5685-5699.	2.0	37
450	Conservation phylogeography: does historical diversity contribute to regional vulnerability in European tree frogs (<i>Hyla arborea</i>)?. <i>Molecular Ecology</i> , 2013, 22, 5669-5684.	2.0	45
451	Selectively maintained paleoviruses in Holarctic water fleas reveal an ancient origin for phleboviruses. <i>Virology</i> , 2013, 446, 276-282.	1.1	25
452	Three new <i>Pochonia</i> taxa (Clavicipitaceae) from soils in Japan. <i>Mycologia</i> , 2013, 105, 1202-1218.	0.8	30

#	ARTICLE	IF	CITATIONS
453	SNP typing reveals similarity in Mycobacterium tuberculosis genetic diversity between Portugal and Northeast Brazil. <i>Infection, Genetics and Evolution</i> , 2013, 18, 238-246.	1.0	17
454	Probing a Coral Genome for Components of the Photoprotective Scytonemin Biosynthetic Pathway and the 2-Aminoethylphosphonate Pathway. <i>Marine Drugs</i> , 2013, 11, 559-570.	2.2	6
455	Identification of a metagenomic gene cluster containing a new class A beta-lactamase and toxin-antitoxin systems. <i>MicrobiologyOpen</i> , 2013, 2, 674-683.	1.2	10
456	A pith necrosis caused by <i>Xanthomonas perforans</i> on tomato plants. <i>European Journal of Plant Pathology</i> , 2013, 137, 29-41.	0.8	24
457	Temporal change in the gut community of rats fed high amylose cornstarch is driven by endogenous urea rather than strictly on carbohydrate availability. <i>Journal of Applied Microbiology</i> , 2013, 114, 1516-1528.	1.4	37
458	The <i>APSES</i> transcription factor <i>Efg1</i> is a global regulator that controls morphogenesis and biofilm formation in <i>Candida parapsilosis</i> . <i>Molecular Microbiology</i> , 2013, 90, 36-53.	1.2	46
459	Exploration of <i>Deinococcus-Thermus</i> molecular diversity by novel group-specific PCR primers. <i>MicrobiologyOpen</i> , 2013, 2, 862-872.	1.2	57
460	Regulation of soil organic C mineralisation at the pore scale. <i>FEMS Microbiology Ecology</i> , 2013, 86, 26-35.	1.3	54
461	Redescription of <i>Placobdella papillifera</i> Verrill, 1872 (Hirudinida: Glossiphoniidae). <i>Bulletin of the Peabody Museum of Natural History</i> , 2013, 54, 125-131.	0.6	6
462	Comparative Genome Analysis and Gene Finding in <i>Candida</i> Species Using CGOB. <i>Molecular Biology and Evolution</i> , 2013, 30, 1281-1291.	3.5	115
463	Redescription of <i>Placobdella parasitica</i> (Say, 1824) Moore, 1901 (Hirudinida: Glossiphoniidae). <i>Bulletin of the Peabody Museum of Natural History</i> , 2013, 54, 255-262.	0.6	10
464	Primers for Low-Copy Nuclear Genes in the Hawaiian Endemic <i>Clermontia</i> (Campanulaceae) and Cross-Amplification in Lobelioideae. <i>Applications in Plant Sciences</i> , 2013, 1, 1200450.	0.8	3
465	The <i>ADP</i> -glucose pyrophosphorylase from <i>Sarcotrichia mutans</i> provides evidence for the regulation of polysaccharide biosynthesis in <i>Fungi</i> . <i>Molecular Microbiology</i> , 2013, 90, 1011-1027.	1.2	21
466	Whole-genome sequencing to delineate Mycobacterium tuberculosis outbreaks: a retrospective observational study. <i>Lancet Infectious Diseases</i> , The, 2013, 13, 137-146.	4.6	786
467	Fixed, free, and fixed: The fickle phylogeny of extant Crinoidea (Echinodermata) and their Permian-Triassic origin. <i>Molecular Phylogenetics and Evolution</i> , 2013, 66, 161-181.	1.2	93
468	A study of the relationships of cultivated peanut (<i>Arachis hypogaea</i>) and its most closely related wild species using intron sequences and microsatellite markers. <i>Annals of Botany</i> , 2013, 111, 113-126.	1.4	166
469	<i>Mycobacterium lemovicicum</i> sp. nov., a bacterium isolated from a natural uranium-rich soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 2600-2606.	0.8	25
470	The genetic structure of the cosmopolitan three-partner lichen <i>Ramalina farinacea</i> evidences the concerted diversification of symbionts. <i>FEMS Microbiology Ecology</i> , 2013, 83, 310-323.	1.3	64

#	ARTICLE	IF	CITATIONS
471	Squamamoeba japonica n. g. n. sp. (Amoebozoa): A Deep-sea Amoeba from the Sea of Japan with a Novel Cell Coat Structure. <i>Protist</i> , 2013, 164, 13-23.	0.6	33
472	Molecular evolution of lineage 2 West Nile virus. <i>Journal of General Virology</i> , 2013, 94, 318-325.	1.3	63
473	The Placental Mammal Ancestor and the Post-K-Pg Radiation of Placentals. <i>Science</i> , 2013, 339, 662-667.	6.0	1,000
474	Effects of OTU Clustering and PCR Artifacts on Microbial Diversity Estimates. <i>Microbial Ecology</i> , 2013, 65, 709-719.	1.4	47
475	Chronic nitrogen deposition and the composition of active arbuscular mycorrhizal fungi. <i>Applied Soil Ecology</i> , 2013, 72, 62-68.	2.1	15
476	Molecular characterization and population structure of blackberry vein banding associated virus, new ampelovirus associated with yellow vein disease. <i>Virus Research</i> , 2013, 178, 234-240.	1.1	24
477	Automated subtyping of HIV-1 genetic sequences for clinical and surveillance purposes: Performance evaluation of the new REGA version 3 and seven other tools. <i>Infection, Genetics and Evolution</i> , 2013, 19, 337-348.	1.0	313
478	<i>Lindgomyces angustiascus</i> , (Lindgomycetaceae, Pleosporales, Dothideomycetes), a new lignicolous species from freshwater habitats in the USA. <i>Mycoscience</i> , 2013, 54, 353-361.	0.3	25
479	Characterizing the evolution and functions of the M-superfamily conotoxins. <i>Toxicon</i> , 2013, 76, 150-159.	0.8	26
480	Identification of European-type hepatitis E virus subtype 3e isolates in Japanese wild boars: Molecular tracing of HEV from swine to wild boars. <i>Infection, Genetics and Evolution</i> , 2013, 18, 287-298.	1.0	25
481	Dynamic of H5N1 virus in Cambodia and emergence of a novel endemic sub-clade. <i>Infection, Genetics and Evolution</i> , 2013, 15, 87-94.	1.0	27
482	Evolutionary implications of intron-exon distribution and the properties and sequences of the RPL10A gene in eukaryotes. <i>Molecular Phylogenetics and Evolution</i> , 2013, 66, 857-867.	1.2	31
483	Middle ferritin genes from the icefish <i>Chionodraco rastrospinosus</i> : Comparative analysis and evolution of fish ferritins. <i>Comptes Rendus - Biologies</i> , 2013, 336, 134-141.	0.1	12
484	Insight into the role of anthocyanin biosynthesis-related genes in <i>Medicago truncatula</i> mutants impaired in pigmentation in leaves. <i>Plant Physiology and Biochemistry</i> , 2013, 70, 123-132.	2.8	28
485	Diversity of <i>Orientia tsutsugamushi</i> clinical isolates in Cambodia reveals active selection and recombination process. <i>Infection, Genetics and Evolution</i> , 2013, 15, 25-34.	1.0	26
486	Timetree of Aselloidea Reveals Species Diversification Dynamics in Groundwater. <i>Systematic Biology</i> , 2013, 62, 512-522.	2.7	55
487	Description of a Riboflavin Biosynthetic Gene Variant Prevalent in the Phylum Proteobacteria. <i>Journal of Bacteriology</i> , 2013, 195, 5479-5486.	1.0	25
488	Diversity of β -lactam resistance mechanisms in cystic fibrosis isolates of <i>Pseudomonas aeruginosa</i> : a French multicentre study. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 1763-1771.	1.3	59

#	ARTICLE	IF	CITATIONS
489	Activity of chalcones derived from 2,4,5-trimethoxybenzaldehyde against <i>Meloidogyne exigua</i> and in silico interaction of one chalcone with a putative caffeic acid 3-O-methyltransferase from <i>Meloidogyne incognita</i> . <i>Experimental Parasitology</i> , 2013, 135, 661-668.	0.5	13
490	Renal trematode infection due to <i>Paratanaisia bragai</i> in zoo housed Columbiformes and a red bird-of-paradise (<i>Paradisaea rubra</i>). <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2013, 2, 32-41.	0.6	19
491	Molecular epidemiology of respiratory syncytial virus transmission in childcare. <i>Journal of Clinical Virology</i> , 2013, 57, 343-350.	1.6	30
492	The SLC1 high-affinity glutamate and neutral amino acid transporter family. <i>Molecular Aspects of Medicine</i> , 2013, 34, 108-120.	2.7	255
493	<i>Virgaria boninensis</i> , a new hyphomycete (Xylariaceae) from soils in the Bonin Islands, Japan. <i>Mycoscience</i> , 2013, 54, 394-399.	0.3	16
494	Characteristics of inteins in invertebrate iridoviruses and factors controlling insertion in their viral hosts. <i>Molecular Phylogenetics and Evolution</i> , 2013, 67, 246-254.	1.2	16
495	LSCluster, a large-scale sequence clustering and aligning software for use in partial identity mapping and splice-variant analysis. <i>Journal of Proteomics</i> , 2013, 84, 185-189.	1.2	6
496	Bioprospecting in potato fields in the Central Andean Highlands: Screening of rhizobacteria for plant growth-promoting properties. <i>Systematic and Applied Microbiology</i> , 2013, 36, 116-127.	1.2	68
497	Biogeography of ectomycorrhizal fungi associated with alders (<i>Alnus</i> spp.) in relation to biotic and abiotic variables at the global scale. <i>New Phytologist</i> , 2013, 198, 1239-1249.	3.5	191
498	Origin and evolution of Chrysobalanaceae: insights into the evolution of plants in the Neotropics. <i>Botanical Journal of the Linnean Society</i> , 2013, 171, 19-37.	0.8	41
499	<i>Arnoldiellina fluorescens</i> gen. et sp. nov. "A new green autofluorescent foraminifer from the Gulf of Eilat (Israel). <i>European Journal of Protistology</i> , 2013, 49, 210-216.	0.5	7
500	Diversity and expression of P450 genes from <i>Dendroctonus valens</i> LeConte (Curculionidae: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 417-432.	1.2	48
501	Arbuscular mycorrhizal fungi in a wetland constructed for benzene, methyl tert-butyl ether and ammonia-contaminated groundwater bioremediation. <i>Microbial Biotechnology</i> , 2013, 6, 80-84.	2.0	55
502	Phylogenetic and experimental evidence for host-specialized cryptic species in a biotrophic oomycete. <i>New Phytologist</i> , 2013, 197, 251-263.	3.5	110
503	Low rates of X recombination, not turnovers, account for homomorphic sex chromosomes in several diploid species of Palearctic green toads (<i>Bufo viridis</i> subgroup). <i>Journal of Evolutionary Biology</i> , 2013, 26, 674-682.	0.8	57
504	Turnover of plant lineages shapes herbivore phylogenetic beta diversity along ecological gradients. <i>Ecology Letters</i> , 2013, 16, 600-608.	3.0	71
505	Morphology and Molecular Phylogeny of <i>Staurojoenina mulleri</i> sp. nov. (Trichonymphida,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 203-213.	0.8	10
506	Diversity of <i>Vibrio</i> spp. isolated at ambient environmental temperature in the Eastern English Channel as determined by <i>pyrH</i> sequencing. <i>Journal of Applied Microbiology</i> , 2013, 114, 1713-1724.	1.4	42

#	ARTICLE	IF	CITATIONS
507	Multigene Phylogenetic Reconstruction of the Tubulinea (Amoebozoa) Corroborates Four of the Six Major Lineages, while Additionally Revealing that Shell Composition Does not Predict Phylogeny in the Arcellinida. <i>Protist</i> , 2013, 164, 323-339.	0.6	45
508	A dynamic history of gene duplications and losses characterizes the evolution of the SPARC family in eumetazoans. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20122963.	1.2	18
509	<i>Lactobacillus pasteurii</i> sp. nov. and <i>Lactobacillus hominis</i> sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 53-59.	0.8	18
510	A multilocus phylogenetic analysis of <i>Escallonia</i> (Escalloniaceae): Diversification in montane South America. <i>American Journal of Botany</i> , 2013, 100, 526-545.	0.8	17
511	Connections between the Atlantic and the Amazonian forest avifaunas represent distinct historical events. <i>Journal of Ornithology</i> , 2013, 154, 41-50.	0.5	205
512	A genome-wide survey of photoreceptor and circadian genes in the coral, <i>Acropora digitifera</i> . <i>Gene</i> , 2013, 515, 426-431.	1.0	36
513	A succinate dehydrogenase flavoprotein subunit-like transcript is upregulated in <i>Ilex paraguariensis</i> leaves in response to water deficit and abscisic acid. <i>Plant Physiology and Biochemistry</i> , 2013, 65, 48-54.	2.8	41
514	Structure-based network analysis of an evolved G protein-coupled receptor homodimer interface. <i>Protein Science</i> , 2013, 22, 745-754.	3.1	11
515	<i>Bacillus gottheilii</i> sp. nov., isolated from a pharmaceutical manufacturing site. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 867-872.	0.8	17
516	Distribution of chitin/chitosan-like bioflocculant-producing potential in the genus <i>Citrobacter</i> . <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 9569-9577.	1.7	10
517	Small phytoplankton in Arctic seas: vulnerability to climate change. <i>Biodiversity</i> , 2013, 14, 2-18.	0.5	31
518	The origin of the serpentine endemic <i>Minuartia laricifolia</i> subsp. <i>ophiolitica</i> by vicariance and competitive exclusion. <i>Molecular Ecology</i> , 2013, 22, 2218-2231.	2.0	34
519	Soil metatranscriptomics for mining eukaryotic heavy metal resistance genes. <i>Environmental Microbiology</i> , 2013, 15, 2829-2840.	1.8	43
520	Neolithic mitochondrial haplogroup H genomes and the genetic origins of Europeans. <i>Nature Communications</i> , 2013, 4, 1764.	5.8	180
521	A New Freshwater Amoeba: <i>Cochliopodium pentatrifurcatum</i> n. sp. (Amoebozoa, Amorphea). <i>Journal of Eukaryotic Microbiology</i> , 2013, 60, 342-349.	0.8	24
522	Comparative genomics: a revolutionary tool for wine yeast strain development. <i>Current Opinion in Biotechnology</i> , 2013, 24, 192-199.	3.3	35
523	Morphological examination and phylogenetic position of two newly recorded freshwater <i>Cryptomonas</i> species (Cryptophyceae) from China. <i>Journal of Systematics and Evolution</i> , 2013, 51, 212-222.	1.6	6
524	Five new <i>Simplicillium</i> species (Cordycipitaceae) from soils in Tokyo, Japan. <i>Mycoscience</i> , 2013, 54, 42-53.	0.3	44

#	ARTICLE	IF	CITATIONS
525	Evolution of nutritional modes of Ceratobasidiaceae (Cantharellales, Basidiomycota) as revealed from publicly available ITS sequences. <i>Fungal Ecology</i> , 2013, 6, 256-268.	0.7	81
526	New supraordinal classification of Foraminifera: Molecules meet morphology. <i>Marine Micropaleontology</i> , 2013, 100, 1-10.	0.5	242
527	<i>Nonomuraea thailandensis</i> sp. nov. isolated from Thai soil. <i>Journal of Antibiotics</i> , 2013, 66, 79-84.	1.0	12
528	Taxonomic and functional diversity of <i>Streptomyces</i> in a forest soil. <i>FEMS Microbiology Letters</i> , 2013, 342, 157-167.	0.7	47
529	Identifying active foraminifera in the Sea of Japan using metatranscriptomic approach. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2013, 86-87, 214-220.	0.6	47
530	What does the 5S rRNA multigene family tell us about the origin of the annual Triticeae (Poaceae)? <i>Genome</i> , 2013, 56, 245-266.	0.9	9
531	First isolation of <i>Aedes flavivirus</i> in the Western Hemisphere and evidence of vertical transmission in the mosquito <i>Aedes (Stegomyia) albopictus</i> (Diptera: Culicidae). <i>Virology</i> , 2013, 440, 134-139.	1.1	65
532	Molecular Phylogeny of Echiuran Worms (Phylum: Annelida) Reveals Evolutionary Pattern of Feeding Mode and Sexual Dimorphism. <i>PLoS ONE</i> , 2013, 8, e56809.	1.1	27
533	Diversification of the monoterpene synthase gene family (TPSb) in <i>Protium</i> , a highly diverse genus of tropical trees. <i>Molecular Phylogenetics and Evolution</i> , 2013, 68, 432-442.	1.2	13
534	<i>Inocybe</i> section <i>Rimosae</i> in Utah: phylogenetic affinities and new species. <i>Mycologia</i> , 2013, 105, 728-747.	0.8	29
535	Identification of <i>Plasmopara viticola</i> Genes Potentially Involved in Pathogenesis on Grapevine Suggests New Similarities Between Oomycetes and True Fungi. <i>Phytopathology</i> , 2013, 103, 1035-1044.	1.1	13
536	Unrecognized fine-scale recombination can mimic the effects of adaptive radiation. <i>Gene</i> , 2013, 518, 483-488.	1.0	4
537	<i>Ilumatobacter nonamiense</i> sp. nov. and <i>Ilumatobacter coccineum</i> sp. nov., isolated from seashore sand. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 3404-3408.	0.8	45
538	Molecular Phylogenetics of the Possibly Extinct Martinique Ground Snake. <i>Herpetologica</i> , 2013, 69, 227.	0.2	3
539	<i>Streptomyces siamensis</i> sp. nov., and <i>Streptomyces similanensis</i> sp. nov., isolated from Thai soils. <i>Journal of Antibiotics</i> , 2013, 66, 633-640.	1.0	22
540	Horizontal Gene Transfer from Diverse Bacteria to an Insect Genome Enables a Tripartite Nested Mealybug Symbiosis. <i>Cell</i> , 2013, 153, 1567-1578.	13.5	373
541	A Practical Approach to Reconstruct Evolutionary History of Animal Sialyltransferases and Gain Insights into the Sequence-Function Relationships of Golgi-Glycosyltransferases. <i>Methods in Molecular Biology</i> , 2013, 1022, 73-97.	0.4	9
542	Multilocus phylogeny of the avian family Alaudidae (larks) reveals complex morphological evolution, non-monophyletic genera and hidden species diversity. <i>Molecular Phylogenetics and Evolution</i> , 2013, 69, 1043-1056.	1.2	60

#	ARTICLE	IF	CITATIONS
543	Bacterial communities in tetrachloroethene-polluted groundwaters: A case study. <i>Science of the Total Environment</i> , 2013, 454-455, 517-527.	3.9	56
544	ZiaR. , 2013, , 2345-2345.		0
545	An Extracellular Interactome of Immunoglobulin and LRR Proteins Reveals Receptor-Ligand Networks. <i>Cell</i> , 2013, 154, 228-239.	13.5	207
546	Genetic diversity and lineage dynamic of dengue virus serotype 1 (DENV-1) in Cambodia. <i>Infection, Genetics and Evolution</i> , 2013, 15, 59-68.	1.0	26
547	Analysis of kinetoplast cytochrome b gene of 16 <i>Leishmania</i> isolates from different foci of China: different species of <i>Leishmania</i> in China and their phylogenetic inference. <i>Parasites and Vectors</i> , 2013, 6, 32.	1.0	35
548	The characterization of the <i>Plebotomus papatasi</i> transcriptome. <i>Insect Molecular Biology</i> , 2013, 22, 211-232.	1.0	20
549	Global population divergence of the sea star <i>Hippasteria phrygiana</i> corresponds to the onset of the last glacial period of the Pleistocene. <i>Marine Biology</i> , 2013, 160, 1285-1296.	0.7	18
550	Optimized Method of G-Protein-Coupled Receptor Homology Modeling: Its Application to the Discovery of Novel CXCR7 Ligands. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 4236-4251.	2.9	36
551	Elongation factor-1 β , a putative single-copy nuclear gene, has divergent sets of paralogs in an arachnid. <i>Molecular Phylogenetics and Evolution</i> , 2013, 68, 471-481.	1.2	12
552	Dancing together and separate again: gymnosperms exhibit frequent changes of fundamental 5S and 35S rRNA gene (rDNA) organisation. <i>Heredity</i> , 2013, 111, 23-33.	1.2	53
553	The potential of distance-based thresholds and character-based DNA barcoding for defining problematic taxonomic entities by CO1 and ND1. <i>Molecular Ecology Resources</i> , 2013, 13, 1069-1081.	2.2	36
554	Snowdrops falling slowly into place: An improved phylogeny for <i>Galanthus</i> (Amaryllidaceae). <i>Molecular Phylogenetics and Evolution</i> , 2013, 69, 205-217.	1.2	17
555	IgH loci of American alligator and saltwater crocodile shed light on IgA evolution. <i>Immunogenetics</i> , 2013, 65, 531-541.	1.2	42
556	The zebrafish homologue of Parkinson's disease ATP13A2 is essential for embryonic survival. <i>Brain Research Bulletin</i> , 2013, 90, 118-126.	1.4	23
557	Identification by Q-PCR of <i>Trypanosoma cruzi</i> lineage and determination of blood meal sources in triatomine gut samples in Mexico. <i>Parasitology International</i> , 2013, 62, 36-43.	0.6	36
558	Uncovering symbiont-driven genetic diversity across North American pea aphids. <i>Molecular Ecology</i> , 2013, 22, 2045-2059.	2.0	174
559	Phylogenetic analysis and a time tree for a large drosophilid data set (Diptera: Drosophilidae). <i>Zoological Journal of the Linnean Society</i> , 2013, 169, 765-775.	1.0	86
560	Analyses of mitochondrial amino acid sequence datasets support the proposal that specimens of <i>Hypodontus macropi</i> from three species of macropodid hosts represent distinct species. <i>BMC Evolutionary Biology</i> , 2013, 13, 259.	3.2	17

#	ARTICLE	IF	CITATIONS
561	Analysis of western lowland gorilla (<i>Gorilla gorilla gorilla</i>) specific Alu repeats. <i>Mobile DNA</i> , 2013, 4, 26.	1.3	13
562	Coumatetralyl resistance of <i>Rattus tanezumi</i> infesting oil palm plantations in Indonesia. <i>Ecotoxicology</i> , 2013, 22, 377-386.	1.1	18
563	Building Phylogenetic Trees from Molecular Data with MEGA. <i>Molecular Biology and Evolution</i> , 2013, 30, 1229-1235.	3.5	1,096
564	Predicting antimicrobial susceptibilities for <i>Escherichia coli</i> and <i>Klebsiella pneumoniae</i> isolates using whole genomic sequence data. <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 2234-2244.	1.3	314
565	Ecological modeling of the temperature dependence of cryptic species of planktonic Foraminifera in the Southern Hemisphere. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 391, 13-33.	1.0	63
566	Mother-Offspring Transmission and Age-Dependent Accumulation of Simian Foamy Virus in Wild Chimpanzees. <i>Journal of Virology</i> , 2013, 87, 5193-5204.	1.5	23
567	Microsporidian Diversity in Soil, Sand, and Compost of the Pacific Northwest. <i>Journal of Eukaryotic Microbiology</i> , 2013, 60, 601-608.	0.8	23
568	Noninvasive molecular and morphological evidences for an undiscovered population of snow vole in Southern Spain. <i>Mitochondrial DNA</i> , 2013, 24, 596-601.	0.6	2
569	Species complexes in <i>Herichium</i> (Russulales, Agaricomycota) and a new species - <i>Herichium rajchenbergii</i> - from southern South America. <i>Mycological Progress</i> , 2013, 12, 413-420.	0.5	21
570	Type I pyridoxal 5'-phosphate dependent enzymatic domains embedded within multimodular nonribosomal peptide synthetase and polyketide synthase assembly lines. <i>BMC Structural Biology</i> , 2013, 13, 26.	2.3	22
571	The Identification of Two Arabinosyltransferases from Tomato Reveals Functional Equivalency of Xyloglucan Side Chain Substituents. <i>Plant Physiology</i> , 2013, 163, 86-94.	2.3	45
572	Structural phylogeny by profile extraction and multiple superimposition using electrostatic congruence as a discriminator. <i>Intrinsically Disordered Proteins</i> , 2013, 1, e25463.	1.9	7
573	Comparative Genomics of Recent Shiga Toxin-Producing <i>Escherichia coli</i> O104:H4: Short-Term Evolution of an Emerging Pathogen. <i>MBio</i> , 2013, 4, e00452-12.	1.8	68
574	Genomic Insights into the Atopic Eczema-Associated Skin Commensal Yeast <i>Malassezia sympodialis</i> . <i>MBio</i> , 2013, 4, e00572-12.	1.8	118
575	Phylogeny of <i>Hedyotis</i> L. (Rubiaceae: Spermaceae): Redefining a complex Asian-Pacific assemblage. <i>Taxon</i> , 2013, 62, 357-374.	0.4	32
576	Failed species, innominate forms, and the vain search for species limits: cryptic diversity in dusky salamanders (<i>Desmognathus</i>) of eastern Tennessee. <i>Ecology and Evolution</i> , 2013, 3, 2547-2567.	0.8	18
577	The <i>seirena</i> Class Floral Homeotic Mutant of California Poppy (<i>Eschscholzia</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 107 Td (ca MADS Domain Protein Complexes. <i>Plant Cell</i> , 2013, 25, 438-453.	3.1	52
578	Genetic structure and diversity of coffee (<i>Coffea</i>) across Africa and the Indian Ocean islands revealed using microsatellites. <i>Annals of Botany</i> , 2013, 111, 229-248.	1.4	30

#	ARTICLE	IF	CITATIONS
579	Ilheus Virus Isolation in the Pantanal, West-Central Brazil. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2318.	1.3	47
580	Molecular Epidemiology of Human Oral Chagas Disease Outbreaks in Colombia. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2041.	1.3	87
581	Assembly of the Type II Secretion System such as Found in <i>Vibrio cholerae</i> Depends on the Novel Pilotin AspS. <i>PLoS Pathogens</i> , 2013, 9, e1003117.	2.1	59
582	Redescription and molecular characterization of <i>Placobdella cryptobranchii</i> (Johnson & Klemm, 1977) (Glossiphoniidae, Hirudinida). <i>ZooKeys</i> , 2013, 338, 1-10.	0.5	10
583	Upper Arctic Ocean water masses harbor distinct communities of heterotrophic flagellates. <i>Biogeosciences</i> , 2013, 10, 4273-4286.	1.3	33
584	Flow of Information during an Evolutionary Process: The Case of Influenza A Viruses. <i>Entropy</i> , 2013, 15, 3065-3087.	1.1	2
585	Large Linear Plasmids of <i>Borrelia</i> Species That Cause Relapsing Fever. <i>Journal of Bacteriology</i> , 2013, 195, 3629-3639.	1.0	38
586	Novel Polyomaviruses of Nonhuman Primates: Genetic and Serological Predictors for the Existence of Multiple Unknown Polyomaviruses within the Human Population. <i>PLoS Pathogens</i> , 2013, 9, e1003429.	2.1	35
587	Zinc and Iron, Gamma and Beta Class, Carbonic Anhydrases of Domain Archaea. , 2013, , 2380-2385.		0
588	Vascular gene expression: a hypothesis. <i>Frontiers in Plant Science</i> , 2013, 4, 261.	1.7	7
589	Annexin A2: The Importance of Being Redox Sensitive. <i>International Journal of Molecular Sciences</i> , 2013, 14, 3568-3594.	1.8	36
590	Treerunners, cryptic lizards of the <i>Plica plica</i> group (Squamata, Sauria, Tropiduridae) of northern South America. <i>ZooKeys</i> , 2013, 355, 49-77.	0.5	9
591	The Maternal-to-Zygotic Transition Targets Actin to Promote Robustness during Morphogenesis. <i>PLoS Genetics</i> , 2013, 9, e1003901.	1.5	17
592	Genomic Characterisation of Invasive Non-Typhoidal <i>Salmonella enterica</i> Subspecies <i>enterica</i> Serovar <i>Bovismorbificans</i> Isolates from Malawi. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2557.	1.3	24
593	Differential Evolutionary Fate of an Ancestral Primate Endogenous Retrovirus Envelope Gene, the EnvV Syncytin, Captured for a Function in Placentation. <i>PLoS Genetics</i> , 2013, 9, e1003400.	1.5	75
594	Bacterial Effector Activates Jasmonate Signaling by Directly Targeting JAZ Transcriptional Repressors. <i>PLoS Pathogens</i> , 2013, 9, e1003715.	2.1	209
595	Phylogeography of Japanese Encephalitis Virus: Genotype Is Associated with Climate. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2411.	1.3	96
596	Comprehensive Computational Analysis of Bacterial CRP/FNR Superfamily and Its Target Motifs Reveals Stepwise Evolution of Transcriptional Networks. <i>Genome Biology and Evolution</i> , 2013, 5, 267-282.	1.1	31

#	ARTICLE	IF	CITATIONS
597	<i>Chlamydomonas</i> ODA10 is a conserved axonemal protein that plays a unique role in outer dynein arm assembly. <i>Molecular Biology of the Cell</i> , 2013, 24, 3689-3696.	0.9	33
598	Gene Capture Coupled to High-Throughput Sequencing as a Strategy for Targeted Metagenome Exploration. <i>DNA Research</i> , 2013, 20, 185-196.	1.5	44
599	An <i>rpoD</i> gene sequence based evaluation of cultured <i>Pseudomonas</i> diversity on different growth media. <i>Microbiology (United Kingdom)</i> , 2013, 159, 2097-2108.	0.7	24
600	Multigene-Based Analyses of the Phylogenetic Evolution of Oligotrich Ciliates, with Consideration of the Internal Transcribed Spacer 2 Secondary Structure of Three Systematically Ambiguous Genera. <i>Eukaryotic Cell</i> , 2013, 12, 430-437.	3.4	48
601	Methanogens and Methanogenesis in the Rumens and Ceca of Lambs Fed Two Different High-Grain-Content Diets. <i>Applied and Environmental Microbiology</i> , 2013, 79, 1777-1786.	1.4	46
602	Condylomatous Genital Lesions in <i>Cynomolgus</i> Macaques from Mauritius. <i>Toxicologic Pathology</i> , 2013, 41, 893-901.	0.9	11
603	Germline-Specific MATH-BTB Substrate Adaptor MAB1 Regulates Spindle Length and Nuclei Identity in Maize. <i>Plant Cell</i> , 2013, 24, 4974-4991.	3.1	45
604	Complete Genome Sequences from Three Genetically Distinct Strains Reveal High Intraspecies Genetic Diversity in the Microsporidian <i>Encephalitozoon cuniculi</i> . <i>Eukaryotic Cell</i> , 2013, 12, 503-511.	3.4	57
605	The evolution of substrate differentiation in <i>Minuartia</i> series <i>Laricifoliae</i> (Caryophyllaceae) in the European Alps: In situ origin or repeated colonization?. <i>American Journal of Botany</i> , 2013, 100, 2412-2425.	0.8	25
606	The complete mitochondrial genome from an unidentified <i>Phalansterium</i> species.. <i>Protist Genomics</i> , 2013, 1, .	1.7	5
607	An Experimentally Tested Scenario for the Structural Evolution of Eukaryotic Cys2His2 Zinc Fingers from Eubacterial Ros Homologs. <i>Molecular Biology and Evolution</i> , 2013, 30, 1504-1513.	3.5	23
608	Structure-function relationships of two paralogous single-stranded DNA-binding proteins from <i>Streptomyces coelicolor</i> : implication of SsbB in chromosome segregation during sporulation. <i>Nucleic Acids Research</i> , 2013, 41, 3659-3672.	6.5	17
609	bZIP Transcription Factors in the Oomycete <i>Phytophthora infestans</i> with Novel DNA-Binding Domains Are Involved in Defense against Oxidative Stress. <i>Eukaryotic Cell</i> , 2013, 12, 1403-1412.	3.4	36
610	Social and Population Structure in the Ant <i>Cataglyphis emmae</i> . <i>PLoS ONE</i> , 2013, 8, e72941.	1.1	20
611	<i>Candida mesorugosasp.</i> nov., a novel yeast species similar to <i>Candida rugosa</i> , isolated from a tertiary hospital in Brazil. <i>Medical Mycology</i> , 2013, 51, 231-242.	0.3	19
612	IruO Is a Reductase for Heme Degradation by IsdI and IsdG Proteins in <i>Staphylococcus aureus</i> . <i>Journal of Biological Chemistry</i> , 2013, 288, 25749-25759.	1.6	23
613	Phyletic distribution and conservation of the bacterial transcription termination factor Rho. <i>Microbiology (United Kingdom)</i> , 2013, 159, 1423-1436.	0.7	63
614	HIV-1 Genetic Diversity and Drug Resistance among Senegalese Patients in the Public Health System. <i>Journal of Clinical Microbiology</i> , 2013, 51, 578-584.	1.8	11

#	ARTICLE	IF	CITATIONS
615	An Increasing Proportion of Monotypic HIV-1 DNA Sequences during Antiretroviral Treatment Suggests Proliferation of HIV-Infected Cells. <i>Journal of Virology</i> , 2013, 87, 1770-1778.	1.5	91
616	Low genetic diversity of the putatively introduced, brackish water hydrozoan, <i>Blackfordia virginica</i> (Leptothecata: Blackfordiidae), throughout the United States, with a new record for Lake Pontchartrain, Louisiana. <i>Proceedings of the Biological Society of Washington</i> , 2013, 126, 91-102.	0.3	10
617	Taxonomic reassessment of <i>Cochodrus verrucosus</i> (Cochodophyta, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50) <i>Phycological Research</i> , 2013, 61, 299-309.	0.8	5
618	Molecular Characterization of Parabasalian Symbionts <i>Cochodronympha clevelandii</i> and <i>Cochodronympha subquasilla</i> from the Hawaiian Lowland Tree Termite <i>Nasutitermes immigrans</i> . <i>Journal of Eukaryotic Microbiology</i> , 2013, 60, 313-316.	0.8	7
619	PHLP2 is essential and plays a role in ciliogenesis and microtubule assembly in <i>Tetrahymena thermophila</i> . <i>Journal of Cellular Physiology</i> , 2013, 228, 2175-2189.	2.0	18
620	Deceptive single-locus taxonomy and phylogeography: <i>Wolbachia</i> -associated divergence in mitochondrial DNA is not reflected in morphology and nuclear markers in a butterfly species. <i>Ecology and Evolution</i> , 2013, 3, 5167-5176.	0.8	72
621	The expanding superfamily of gelsolin homology domain proteins. <i>Cytoskeleton</i> , 2013, 70, 775-795.	1.0	39
622	Phylogenetic plant community structure along elevation is lineage specific. <i>Ecology and Evolution</i> , 2013, 3, 4925-4939.	0.8	30
623	Water-level fluctuations and metapopulation dynamics as drivers of genetic diversity in populations of three Tanganyikan cichlid fish species. <i>Molecular Ecology</i> , 2013, 22, 3933-3948.	2.0	31
624	Gene Content and Diversity of the Loci Encoding Biosynthesis of Capsular Polysaccharides of the 15 Serovar Reference Strains of <i>Haemophilus parasuis</i> . <i>Journal of Bacteriology</i> , 2013, 195, 4264-4273.	1.0	37
625	Biological and Phylogenetic Characteristics of Yellow Fever Virus Lineages from West Africa. <i>Journal of Virology</i> , 2013, 87, 2895-2907.	1.5	23
626	<i>Carnobacterium iners</i> sp. nov., a psychrophilic, lactic acid-producing bacterium from the littoral zone of an Antarctic pond. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 1370-1375.	0.8	24
627	Life in an Arsenic-Containing Gold Mine: Genome and Physiology of the Autotrophic Arsenite-Oxidizing Bacterium <i>Rhizobium</i> sp. NT-26. <i>Genome Biology and Evolution</i> , 2013, 5, 934-953.	1.1	60
628	PPR proteins of green algae. <i>RNA Biology</i> , 2013, 10, 1526-1542.	1.5	34
629	Evolution of Conjugation and Type IV Secretion Systems. <i>Molecular Biology and Evolution</i> , 2013, 30, 315-331.	3.5	193
630	Isolation and Characterization of a Thermophilic, Obligately Anaerobic and Heterotrophic Marine <i>Chloroflexi</i> Bacterium from a <i>Chloroflexi</i> -dominated Microbial Community Associated with a Japanese Shallow Hydrothermal System, and Proposal for <i>Thermomarinilinea lacunofontalis</i> , gen. nov., sp. nov.. <i>Microbes and Environments</i> , 2013, 28, 228-235.	0.7	89
631	Functional conservation of HIV-1 Gag: implications for rational drug design. <i>Retrovirology</i> , 2013, 10, 126.	0.9	56
632	Genome-wide analysis of intraspecific transposon diversity in yeast. <i>BMC Genomics</i> , 2013, 14, 399.	1.2	46

#	ARTICLE	IF	CITATIONS
633	Lateral Gene Transfer of Family A DNA Polymerases between Thermophilic Viruses, Aquificae, and Apicomplexa. <i>Molecular Biology and Evolution</i> , 2013, 30, 1653-1664.	3.5	36
635	<i>Calochaete</i> gen. nov. (Cyanobacteria, Nostocales), a new cyanobacterial type from the "Aramo" zone in Costa Rica. <i>Phytotaxa</i> , 2013, 109, 36.	0.1	22
636	A root chicory <i>MADS</i> box sequence and the <i>A</i> rabidopsis flowering repressor <i>FLC</i> share common features that suggest conserved function in vernalization and de-vernalization responses. <i>Plant Journal</i> , 2013, 75, 390-402.	2.8	31
637	HIV-1 evolution in patients undergoing immunotherapy with Tat, Rev, and Nef expressing dendritic cells followed by treatment interruption. <i>Aids</i> , 2013, 27, 2679-2689.	1.0	7
638	Genetic Variability, Evolution, and Biological Effects of <i>Grapevine fanleaf virus</i> Satellite RNAs. <i>Phytopathology</i> , 2013, 103, 1180-1187.	1.1	17
639	Candidate Chemosensory Genes in the Stemborer <i>Sesamia nonagrioides</i> . <i>International Journal of Biological Sciences</i> , 2013, 9, 481-495.	2.6	47
640	Continued Evolution of West Nile Virus, Houston, Texas, USA, 2002–2012. <i>Emerging Infectious Diseases</i> , 2013, 19, 1418-1427.	2.0	33
641	Reconstruction of Family-Level Phylogenetic Relationships within Demospongiae (Porifera) Using Nuclear Encoded Housekeeping Genes. <i>PLoS ONE</i> , 2013, 8, e50437.	1.1	47
642	Can Abundance of Protists Be Inferred from Sequence Data: A Case Study of Foraminifera. <i>PLoS ONE</i> , 2013, 8, e56739.	1.1	114
643	<i>Cthulhu Macrofasciculum</i> n. g., n. sp. and <i>Cthylla Microfasciculum</i> n. g., n. sp., a Newly Identified Lineage of Parabasalian Termite Symbionts. <i>PLoS ONE</i> , 2013, 8, e58509.	1.1	30
644	The Complete Genome Sequence of the Plant Growth-Promoting Bacterium <i>Pseudomonas</i> sp. UW4. <i>PLoS ONE</i> , 2013, 8, e58640.	1.1	144
645	A Comparison of the Olfactory Gene Repertoires of Adults and Larvae in the Noctuid Moth <i>Spodoptera littoralis</i> . <i>PLoS ONE</i> , 2013, 8, e60263.	1.1	109
646	Evolutionary, Molecular and Genetic Analyses of Tic22 Homologues in <i>Arabidopsis thaliana</i> Chloroplasts. <i>PLoS ONE</i> , 2013, 8, e63863.	1.1	18
647	Human Papillomavirus Type 6 and 11 Genetic Variants Found in 71 Oral and Anogenital Epithelial Samples from Australia. <i>PLoS ONE</i> , 2013, 8, e63892.	1.1	23
648	Exotic Mammals Disperse Exotic Fungi That Promote Invasion by Exotic Trees. <i>PLoS ONE</i> , 2013, 8, e66832.	1.1	75
649	Clonal Complex 398 Methicillin Susceptible <i>Staphylococcus aureus</i> : A Frequent Unspecialized Human Pathogen with Specific Phenotypic and Genotypic Characteristics. <i>PLoS ONE</i> , 2013, 8, e68462.	1.1	38
650	Complete Genomic DNA Sequence of the East Asian Spotted Fever Disease Agent <i>Rickettsia japonica</i> . <i>PLoS ONE</i> , 2013, 8, e71861.	1.1	11
651	A Large Animal Model for CNGB1 Autosomal Recessive Retinitis Pigmentosa. <i>PLoS ONE</i> , 2013, 8, e72229.	1.1	53

#	ARTICLE	IF	CITATIONS
652	Phylogeography of the Sponge <i>Suberites diversicolor</i> in Indonesia: Insights into the Evolution of Marine Lake Populations. <i>PLoS ONE</i> , 2013, 8, e75996.	1.1	27
653	Molecular Evidence for Lessepsian Invasion of Soritids (Larger Symbiont Bearing Benthic) Tj ETQq1 1 0.784314 rgBT /Overlock, 10 Tf 50	1.1	12
654	Structural and Enzymatic Characterization of the Phosphotriesterase OPHC2 from <i>Pseudomonas pseudoalcaligenes</i> . <i>PLoS ONE</i> , 2013, 8, e77995.	1.1	50
655	Deciphering the Complex Distribution of Human Immunodeficiency Virus Type 1 Subtypes among Different Cohorts in Northern Tanzania. <i>PLoS ONE</i> , 2013, 8, e81848.	1.1	6
656	Systematics of a Kleptoplastidal Dinoflagellate, <i>Gymnodinium eucyaneum</i> Hu (Dinophyceae), and Its Cryptomonad Endosymbiont. <i>PLoS ONE</i> , 2013, 8, e53820.	1.1	21
657	Temporal Dynamics of Abundance and Composition of Nitrogen-Fixing Communities across Agricultural Soils. <i>PLoS ONE</i> , 2013, 8, e74500.	1.1	81
658	A new species of Helobdella (Hirudinida: Glossiphoniidae) from Oregon, USA. <i>Zootaxa</i> , 2013, 3718, 287.	0.2	8
659	Examining marginal sequence similarities between bacterial type III secretion system components and <i>Trypanosoma cruzi</i> surface proteins: horizontal gene transfer or convergent evolution?. <i>Frontiers in Genetics</i> , 2013, 4, 143.	1.1	6
660	Diversity and phylogenetic analyses of bacteria from a shallow-water hydrothermal vent in Milos island (Greece). <i>Frontiers in Microbiology</i> , 2013, 4, 184.	1.5	61
661	Coupled high-throughput functional screening and next generation sequencing for identification of plant polymer decomposing enzymes in metagenomic libraries. <i>Frontiers in Microbiology</i> , 2013, 4, 282.	1.5	44
662	Microbial Analyses of Ancient Ice Core Sections from Greenland and Antarctica. <i>Biology</i> , 2013, 2, 206-232.	1.3	50
663	COI barcode versus morphological identification of <i>Culex</i> (<i>Culex</i>) (Diptera: Culicidae) species: a case study using samples from Argentina and Brazil. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2013, 108, 110-122.	0.8	85
664	Phenotypic and molecular characterization of plant growth promoting Rhizobacteria isolated from the rhizosphere of wheat (<i>Triticum durum</i> Desf.) in Algeria. <i>African Journal of Microbiology Research</i> , 2013, 7, 2893-2904.	0.4	5
665	Purification and identification of metabolites produced by <i>Bacillus cereus</i> and <i>B. subtilis</i> active against <i>Meloidogyne exigua</i> , and their in silico interaction with a putative phosphoribosyltransferase from <i>M. incognita</i> . <i>Anais Da Academia Brasileira De Ciencias</i> , 2014, 86, 525-538.	0.3	33
666	Evolutionary Genomics and Adaptive Evolution of the Hedgehog Gene Family (Shh, Ihh and Dhh) in Vertebrates. <i>PLoS ONE</i> , 2014, 9, e74132.	1.1	27
667	On the Origin and Evolutionary History of NANOG. <i>PLoS ONE</i> , 2014, 9, e85104.	1.1	21
668	Two Polymorphisms Facilitate Differences in Plasticity between Two Chicken Major Histocompatibility Complex Class I Proteins. <i>PLoS ONE</i> , 2014, 9, e89657.	1.1	20
669	A Partial Gene Deletion of SLC45A2 Causes Oculocutaneous Albinism in Doberman Pinscher Dogs. <i>PLoS ONE</i> , 2014, 9, e92127.	1.1	31

#	ARTICLE	IF	CITATIONS
670	The Hippo Pathway Controls a Switch between Retinal Progenitor Cell Proliferation and Photoreceptor Cell Differentiation in Zebrafish. PLoS ONE, 2014, 9, e97365.	1.1	43
671	A Phylogeny of the Family Poritidae (Cnidaria, Scleractinia) Based on Molecular and Morphological Analyses. PLoS ONE, 2014, 9, e98406.	1.1	48
672	Molecular Epidemiology of Influenza A/H3N2 Viruses Circulating in Mexico from 2003 to 2012. PLoS ONE, 2014, 9, e102453.	1.1	5
673	Intracellular Diversity of the V4 and V9 Regions of the 18S rRNA in Marine Protists (Radiolarians) Assessed by High-Throughput Sequencing. PLoS ONE, 2014, 9, e104297.	1.1	69
674	At Least 23 Genera Instead of One: The Case of <i>Iris</i> L. s.l. (Iridaceae). PLoS ONE, 2014, 9, e106459.	1.1	65
675	Evolving Molecular Epidemiological Profile of Human Immunodeficiency Virus 1 in the Southwest Border of China. PLoS ONE, 2014, 9, e107578.	1.1	17
676	Multiple Species of <i>Trichosporon</i> Produce Biofilms Highly Resistant to Triazoles and Amphotericin B. PLoS ONE, 2014, 9, e109553.	1.1	83
677	Genetic Diversity and Population Structure of the Pelagic Thresher Shark (<i>Alopias pelagicus</i>) in the Pacific Ocean: Evidence for Two Evolutionarily Significant Units. PLoS ONE, 2014, 9, e110193.	1.1	41
678	HIV-1 Diversity, Transmission Dynamics and Primary Drug Resistance in Angola. PLoS ONE, 2014, 9, e113626.	1.1	17
679	The Evolutionary Fate of the Horizontally Transferred Agrobacterial Mikimopine Synthase Gene in the Genera <i>Nicotiana</i> and <i>Linaria</i> . PLoS ONE, 2014, 9, e113872.	1.1	17
680	Detection of DNA Sequences Refractory to PCR Amplification Using a Biophysical SERRS Assay (Surface T-j ETQq0 Q,0 rgBT /Qverlock 10		
681	Pyruvic Oxime Nitrification and Copper and Nickel Resistance by a <i>Cupriavidus pauculus</i> , an Active Heterotrophic Nitrifier-Denitrifier. Scientific World Journal, The, 2014, 2014, 1-11.	0.8	9
682	<i>Horabagrus melanosoma</i> : a junior synonym of <i>Horabagrus brachysoma</i> (Teleostei: Horabagridae). Zootaxa, 2014, 3881, 373-84.	0.2	3
683	Extracellular DNA metabolism in <i>Haloferax volcanii</i> . Frontiers in Microbiology, 2014, 5, 57.	1.5	37
684	Population and genomic analysis of the genus <i>Halorubrum</i> . Frontiers in Microbiology, 2014, 5, 140.	1.5	46
685	Revision of the genus Phyrella (Holothuroidea: Dendrochirotida) with the description of a new species from Guam. Zootaxa, 2014, 3760, 101.	0.2	13
686	Description of microsporidia in simuliids: molecular and morphological characterization of microsporidia in the larvae of <i>Simulium pertinax</i> Kollar (Diptera: Simuliidae). Revista Da Sociedade Brasileira De Medicina Tropical, 2014, 47, 624-631.	0.4	3
687	Evolution of <i>rbcl</i> among <i>Lathyrus</i> and Kupicha's classification. Genetics and Molecular Research, 2014, 13, 8729-8739.	0.3	1

#	ARTICLE	IF	CITATIONS
688	Genetic Diversity of Tick-Borne Rickettsial Pathogens; Insights Gained from Distant Strains. <i>Pathogens</i> , 2014, 3, 57-72.	1.2	19
689	Quantifying cryptic <i>Symbiodinium</i> diversity within <i>Orbicella faveolata</i> and <i>Orbicella franksi</i> at the Flower Garden Banks, Gulf of Mexico. <i>PeerJ</i> , 2014, 2, e386.	0.9	55
690	Resolution of deep angiosperm phylogeny using conserved nuclear genes and estimates of early divergence times. <i>Nature Communications</i> , 2014, 5, 4956.	5.8	330
691	Phylogenetic analysis of the expansion of the MATH-BTB gene family in the grasses. <i>Plant Signaling and Behavior</i> , 2014, 9, e28242.	1.2	13
692	A genome-wide identification and classification of basic helix-loop-helix genes in the jewel wasp, <i>Nasonia vitripennis</i> (Hymenoptera: Pteromalidae). <i>Genome</i> , 2014, 57, 525-536.	0.9	11
693	Adaptive Functional Divergence of the Warm Temperature Acclimation-Related Protein (WAP65) in Fishes and the Ortholog Hemopexin (HPX) in Mammals. <i>Journal of Heredity</i> , 2014, 105, 237-252.	1.0	12
694	Symbiophagy and biomineralization in the "living fossil" <i>Astrosclera willeyana</i> . <i>Autophagy</i> , 2014, 10, 408-415.	4.3	13
695	A Mollusk Retinoic Acid Receptor (RAR) Ortholog Sheds Light on the Evolution of Ligand Binding. <i>Endocrinology</i> , 2014, 155, 4275-4286.	1.4	43
696	A 2-component system is involved in the early stages of the <i>Pisolithus tinctorius</i> - <i>Pinus greggii</i> symbiosis. <i>Plant Signaling and Behavior</i> , 2014, 9, e28604.	1.2	6
697	A revision of the <i>Alpova diplophloeus</i> complex in North America. <i>Mycologia</i> , 2014, 106, 846-855.	0.8	5
698	Identifying tandem Ankyrin repeats in protein structures. <i>BMC Bioinformatics</i> , 2014, 15, 6599.	1.2	24
699	Mitogenomics of the Old World monkey tribe Papionini. <i>BMC Evolutionary Biology</i> , 2014, 14, 176.	3.2	49
700	Transcriptomic analysis reveals tomato genes whose expression is induced specifically during effector-triggered immunity and identifies the Epk1 protein kinase which is required for the host response to three bacterial effector proteins. <i>Genome Biology</i> , 2014, 15, 492.	3.8	75
701	SbnG, a Citrate Synthase in <i>Staphylococcus aureus</i> . <i>Journal of Biological Chemistry</i> , 2014, 289, 33797-33807.	1.6	18
702	A small XY chromosomal region explains sex determination in wild dioecious <i>V. vinifera</i> and the reversal to hermaphroditism in domesticated grapevines. <i>BMC Plant Biology</i> , 2014, 14, 229.	1.6	116
703	Comprehensive characterization and RNA-Seq profiling of the HD-Zip transcription factor family in soybean (<i>Glycine max</i>) during dehydration and salt stress. <i>BMC Genomics</i> , 2014, 15, 950.	1.2	120
704	Evolution of extensively drug-resistant <i>Mycobacterium tuberculosis</i> from a susceptible ancestor in a single patient. <i>Genome Biology</i> , 2014, 15, 490.	3.8	150
705	High opsin diversity in a non-visual infaunal brittle star. <i>BMC Genomics</i> , 2014, 15, 1035.	1.2	33

#	ARTICLE	IF	CITATIONS
707	Solution Hybrid Selection Capture for the Recovery of Functional Full-Length Eukaryotic cDNAs From Complex Environmental Samples. <i>DNA Research</i> , 2014, 21, 685-694.	1.5	23
708	A Novel Regulatory Locus of Phosphorylation in the C Terminus of the Potassium Chloride Cotransporter KCC2 That Interferes with N-Ethylmaleimide or Staurosporine-mediated Activation [†] . <i>Journal of Biological Chemistry</i> , 2014, 289, 18668-18679.	1.6	56
709	Influence of Methanogenic Populations in Holocene Lacustrine Sediments Revealed by Clone Libraries and Fatty Acid Biogeochemistry. <i>Geomicrobiology Journal</i> , 2014, 31, 285-298.	1.0	11
710	The MHF complex senses branched DNA by binding a pair of crossover DNA duplexes. <i>Nature Communications</i> , 2014, 5, 2987.	5.8	33
711	tRNA Signatures Reveal a Polyphyletic Origin of SAR11 Strains among Alphaproteobacteria. <i>PLoS Computational Biology</i> , 2014, 10, e1003454.	1.5	10
712	The Rate of Nonallelic Homologous Recombination in Males Is Highly Variable, Correlated between Monozygotic Twins and Independent of Age. <i>PLoS Genetics</i> , 2014, 10, e1004195.	1.5	17
713	Diversity of arsenite oxidizing bacterial communities in arsenic-rich deltaic aquifers in West Bengal, India. <i>Frontiers in Microbiology</i> , 2014, 5, 602.	1.5	71
714	Epidemiology of <i>Leptospira</i> Transmitted by Rodents in Southeast Asia. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2902.	1.3	141
715	Changes in Diversification Patterns and Signatures of Selection during the Evolution of Murinae-Associated Hantaviruses. <i>Viruses</i> , 2014, 6, 1112-1134.	1.5	14
716	Origin and evolution of metal P-type ATPases in Plantae (Archaeplastida). <i>Frontiers in Plant Science</i> , 2013, 4, 544.	1.7	39
717	Expression of paralogous SEP-, FUL-, AG- and STK-like MADS-box genes in wild-type and peloric <i>Phalaenopsis</i> flowers. <i>Frontiers in Plant Science</i> , 2014, 5, 76.	1.7	48
718	Characterization of Juquitiba Virus in <i>Oligoryzomys fornesi</i> from Brazilian Cerrado. <i>Viruses</i> , 2014, 6, 1473-1482.	1.5	15
719	The Genealogical Population Dynamics of HIV-1 in a Large Transmission Chain: Bridging within and among Host Evolutionary Rates. <i>PLoS Computational Biology</i> , 2014, 10, e1003505.	1.5	79
720	Signaling Domain of Sonic Hedgehog as Cannibalistic Calcium-Regulated Zinc-Peptidase. <i>PLoS Computational Biology</i> , 2014, 10, e1003707.	1.5	10
721	Taxonomic revision of <i>Aegista subchinensis</i> (Mǎllendorff, 1884) (Stylommatophora, Bradybaenidae) and a description of a new species of <i>Aegista</i> from eastern Taiwan based on multilocus phylogeny and comparative morphology. <i>ZooKeys</i> , 2014, 445, 31-55.	0.5	7
722	<i>Kallymenia crouaniorum</i> (Kallymeniaceae, Rhodophyta), a new red algal species from the <i>Laminaria hyperborea</i> understorey community. <i>European Journal of Phycology</i> , 2014, 49, 493-507.	0.9	8
723	Reclassification of rhizosphere bacteria including strains causing corky root of lettuce and proposal of <i>Rhizorhapis suberifaciens</i> gen. nov., comb. nov., <i>Sphingobium mellinum</i> sp. nov., <i>Sphingobium xanthum</i> sp. nov. and <i>Rhizorhabdus argentea</i> gen. nov., sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 1340-1350.	0.8	57
724	AromaDeg, a novel database for phylogenomics of aerobic bacterial degradation of aromatics. <i>Database: the Journal of Biological Databases and Curation</i> , 2014, 2014, bau118.	1.4	57

#	ARTICLE	IF	CITATIONS
725	Morphological and molecular characterization of a new species of leech (Glossiphoniidae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 747 Td	0.5	9
726	MRFalign: Protein Homology Detection through Alignment of Markov Random Fields. PLoS Computational Biology, 2014, 10, e1003500.	1.5	68
727	Morphology and phylogenetic position of <i>Stomatochroon reniformis</i> var. <i>chinensis</i> var. <i>nov.</i> (Trentepohliales, Ulvophyceae), a rare endobiotic alga from China. Phycologia, 2014, 53, 493-501.	0.6	5
728	Insights into the <i>Dekkera bruxellensis</i> Genomic Landscape: Comparative Genomics Reveals Variations in Ploidy and Nutrient Utilisation Potential amongst Wine Isolates. PLoS Genetics, 2014, 10, e1004161.	1.5	94
729	Murine Anti-vaccinia Virus D8 Antibodies Target Different Epitopes and Differ in Their Ability to Block D8 Binding to CS-E. PLoS Pathogens, 2014, 10, e1004495.	2.1	17
730	Molecular phylogeny of the genus <i>Amygdalus</i> (Rosaceae) based on nrDNA ITS and cpDNA trnS-trnG sequences. Turkish Journal of Botany, 2014, 38, 439-452.	0.5	9
731	Molecular Phylogeny of Suid Herpesvirus 1. ISRN Virology, 2014, 2014, 1-7.	0.5	2
732	Zinc Finger Transcription Factors Displaced SREBP Proteins as the Major Sterol Regulators during <i>Saccharomycotina</i> Evolution. PLoS Genetics, 2014, 10, e1004076.	1.5	63
733	Predicting the Minimal Translation Apparatus: Lessons from the Reductive Evolution of Mollicutes. PLoS Genetics, 2014, 10, e1004363.	1.5	127
734	Local and Systemic Regulation of Plant Root System Architecture and Symbiotic Nodulation by a Receptor-Like Kinase. PLoS Genetics, 2014, 10, e1004891.	1.5	101
735	Air Travel Is Associated with Intracontinental Spread of Dengue Virus Serotypes 1-3 in Brazil. PLoS Neglected Tropical Diseases, 2014, 8, e2769.	1.3	91
736	Description and molecular phylogeny of a new species of <i>Phoronis</i> (<i>Phoronida</i>) from Japan, with a redescription of topotypes of <i>P. ijimai</i> Oka, 1897. ZooKeys, 2014, 398, 1-31.	0.5	15
737	F ⁺ /Cl ⁻ selectivity in CLCF-type F ⁺ /H ⁺ antiporters. Journal of General Physiology, 2014, 144, 129-136.	0.9	46
738	The contribution of the genomes of a termite and a locust to our understanding of insect neuropeptides and neurohormones. Frontiers in Physiology, 2014, 5, 454.	1.3	136
739	Inteins as indicators of gene flow in the halobacteria. Frontiers in Microbiology, 2014, 5, 299.	1.5	24
740	A novel phylogeny and morphological reconstruction of the PIN genes and first phylogeny of the ACC-oxidases (ACOs). Frontiers in Plant Science, 2014, 5, 296.	1.7	17
741	Helicosporidia: a genomic snapshot of an early transition to parasitism. Acta Societatis Botanicorum Poloniae, 2014, 83, 377-385.	0.8	3
742	Three species for the price of one within the moss <i>Homalothecium sericeum</i> s.l.. Taxon, 2014, 63, 249-257.	0.4	47

#	ARTICLE	IF	CITATIONS
743	Marburgvirus Resurgence in Kitaka Mine Bat Population after Extermination Attempts, Uganda. <i>Emerging Infectious Diseases</i> , 2014, 20, 1761-1764.	2.0	97
744	Phylogeny, classification and species delimitation in the liverwort genus <i>Odontoschisma</i> (Cephaloziaceae). <i>Taxon</i> , 2014, 63, 1008-1025.	0.4	21
745	Mitochondrial DNA variation reveals cryptic species in <i>Fenneropenaeus indicus</i> . <i>Bulletin of Marine Science</i> , 2014, 91, 15-31.	0.4	13
746	Deconstructing the Tricholomataceae (Agaricales) and introduction of the new genera <i>Albomagister</i> , <i>Corneriella</i> , <i>Pogonoloma</i> and <i>Pseudotracheloma</i> . <i>Taxon</i> , 2014, 63, 993-1007.	0.4	46
747	Bioinformatic Genome Comparisons for Taxonomic and Phylogenetic Assignments Using <i>Aeromonas</i> as a Test Case. <i>MBio</i> , 2014, 5, e02136.	1.8	209
748	Prasinovirus distribution in the Northwest Mediterranean Sea is affected by the environment and particularly by phosphate availability. <i>Virology</i> , 2014, 466-467, 146-157.	1.1	17
749	Genome Sequencing of <i>Mycobacterium abscessus</i> Isolates from Patients in the United States and Comparisons to Globally Diverse Clinical Strains. <i>Journal of Clinical Microbiology</i> , 2014, 52, 3573-3582.	1.8	64
750	Promiscuous and Adaptable Enzymes Fill "Holes" in the Tetrahydrofolate Pathway in <i>Chlamydia</i> Species. <i>MBio</i> , 2014, 5, e01378-14.	1.8	47
751	Characterization of the mitochondrial genome and phylogeny of the black arowana (<i>Osteoglossum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.8	1
752	Development of DNA mismatch repair gene, MutS, as a diagnostic marker for detection and phylogenetic analysis of algal Megaviruses. <i>Virology</i> , 2014, 466-467, 123-128.	1.1	24
753	The Futosine Pathway Played an Important Role in Menaquinone Biosynthesis during Early Prokaryote Evolution. <i>Genome Biology and Evolution</i> , 2014, 6, 149-160.	1.1	59
754	The grapevine flagellin receptor VvFLS2 differentially recognizes flagellin-derived epitopes from the endophytic growth-promoting bacterium <i>Burkholderia phytofirmans</i> and plant pathogenic bacteria. <i>New Phytologist</i> , 2014, 201, 1371-1384.	3.5	147
755	Dual Function of the Cytochrome P450 CYP76 Family from <i>Arabidopsis thaliana</i> in the Metabolism of Monoterpenols and Phenylurea Herbicides. <i>Plant Physiology</i> , 2014, 166, 1149-1161.	2.3	86
756	Morphology and Ontogenesis of <i>Psilotrichides hawaiiensis</i> nov. gen., nov. spec. and Molecular Phylogeny of the Psilotrichidae (Ciliophora, Hypotrichia). <i>Journal of Eukaryotic Microbiology</i> , 2014, 61, 260-277.	0.8	21
757	Reassessment of the cyanobacterial family Microchaetaceae and establishment of new families Tolyptothrichaceae and Godleyaceae. <i>Journal of Phycology</i> , 2014, 50, 1089-1100.	1.0	64
758	Correlates of gut community composition across an ant species (<i>Cephalotes</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 1284-1300.	2.0	82
759	AliView: a fast and lightweight alignment viewer and editor for large datasets. <i>Bioinformatics</i> , 2014, 30, 3276-3278.	1.8	2,386
760	Dried blood spots for HIV-1 drug resistance genotyping in decentralized settings in Senegal. <i>Journal of Medical Virology</i> , 2014, 86, 45-51.	2.5	12

#	ARTICLE	IF	CITATIONS
761	Assessment of phosphorylation in <i>Toxoplasma</i> glideosome assembly and function. Cellular Microbiology, 2014, 16, 1518-1532.	1.1	26
762	Plant functional and phylogenetic turnover correlate with climate and land use in the Western Swiss Alps. Journal of Plant Ecology, 2014, 7, 439-450.	1.2	17
763	Molecular evolution of the bacterial pseudouridine 5'-phosphate glycosidase protein family. FEBS Journal, 2014, 281, 4439-4449.	2.2	18
764	The importance of molecular dating analyses for inferring Hawaiian biogeographical history: a case study with bark lice (Psocidae: Tyctea). Journal of Biogeography, 2014, 41, 158-167.	1.4	24
765	Characterization of mutations in the PAS domain of the EvgS sensor kinase selected by laboratory evolution for acid resistance in Escherichia coli. Molecular Microbiology, 2014, 93, 911-927.	1.2	48
766	Molecular Phylogeny and Ontogeny of a New Ciliate Genus, Paracladotricha salina n. g., n. sp. (Ciliophora, Hypotrichia). Journal of Eukaryotic Microbiology, 2014, 61, 371-380.	0.8	26
767	Real-time PCR for quantification in soil of glycoside hydrolase family 6 cellulase genes. Letters in Applied Microbiology, 2014, 59, 284-291.	1.0	12
768	HIV Type 1 Transmission Networks Among Men Having Sex with Men and Heterosexuals in Kenya. AIDS Research and Human Retroviruses, 2014, 30, 118-126.	0.5	34
769	AtMYB93 is a novel negative regulator of lateral root development in Arabidopsis. New Phytologist, 2014, 203, 1194-1207.	3.5	79
770	A large-scale molecular phylogeny of flesh flies (Diptera: Sarcophagidae). Systematic Entomology, 2014, 39, 783-799.	1.7	43
771	Halotolerance and Survival Kinetics of Lactic Acid Bacteria Isolated from Jalapeño Pepper (Capsicum annuum L.) Fermentation. Journal of Food Science, 2014, 79, M1545-53.	1.5	21
772	A pair of receptor-like kinases is responsible for natural variation in shoot growth response to mannitol treatment in Arabidopsis thaliana. Plant Journal, 2014, 78, 121-133.	2.8	34
773	Evidence for repeated gene duplications in Tritrichomonas foetus supported by EST analysis and comparison with the Trichomonas vaginalis genome. Veterinary Parasitology, 2014, 206, 267-276.	0.7	6
774	Comparative genomics reveals insights into avian genome evolution and adaptation. Science, 2014, 346, 1311-1320.	6.0	895
775	Characterization of Pythium oligandrum populations that colonize the rhizosphere of vines from the Bordeaux region. FEMS Microbiology Ecology, 2014, 90, 153-167.	1.3	18
776	DNA topoisomerase VIII: a novel subfamily of type IIB topoisomerases encoded by free or integrated plasmids in Archaea and Bacteria. Nucleic Acids Research, 2014, 42, 8578-8591.	6.5	24
777	siMBA: a simple graphical user interface for the Bayesian phylogenetic inference program MrBayes. Mycological Progress, 2014, 13, 1255.	0.5	25
778	Clustal Omega. Current Protocols in Bioinformatics, 2014, 48, 3.13.1-16.	25.8	461

#	ARTICLE	IF	CITATIONS
779	The still mysterious roles of cysteine-containing glutathione transferases in plants. <i>Frontiers in Pharmacology</i> , 2014, 5, 192.	1.6	98
780	Polyphasic taxonomy of the genus <i>Talaromyces</i> . <i>Studies in Mycology</i> , 2014, 78, 175-341.	4.5	305
781	Prototype endogenous avian retroviruses of the genus <i>Gallus</i> . <i>Journal of General Virology</i> , 2014, 95, 2060-2070.	1.3	12
782	Comparative genomics of closely related <i>Salmonella enterica</i> serovar Typhi strains reveals genome dynamics and the acquisition of novel pathogenic elements. <i>BMC Genomics</i> , 2014, 15, 1007.	1.2	18
783	The draft genome of the pest tephritid fruit fly <i>Bactrocera tryoni</i> : resources for the genomic analysis of hybridising species. <i>BMC Genomics</i> , 2014, 15, 1153.	1.2	41
784	Unraveling <i>Mycobacterium tuberculosis</i> genomic diversity and evolution in Lisbon, Portugal, a highly drug resistant setting. <i>BMC Genomics</i> , 2014, 15, 991.	1.2	52
785	Diverse molecular signatures for ribosomally active Perkinsea in marine sediments. <i>BMC Microbiology</i> , 2014, 14, 110.	1.3	54
786	Molecular evolution of <i>Dmrt1</i> accompanies change of sex-determining mechanisms in reptilia. <i>Biology Letters</i> , 2014, 10, 20140809.	1.0	20
787	Sex Chromosome Conservation, DMRT1, Phylogeny and Gonad Morphology in Diploid Palearctic Green Toads (<i>Bufo viridis</i>)	1.7	17
788	Adaptive Change Inferred from Genomic Population Analysis of the ST93 Epidemic Clone of Community-Associated Methicillin-Resistant <i>Staphylococcus aureus</i> . <i>Genome Biology and Evolution</i> , 2014, 6, 366-378.	1.1	40
789	Molecular Evolutionary Characterization of a VIR Subfamily Unique to Strepsirrhine Primates. <i>Genome Biology and Evolution</i> , 2014, 6, 213-227.	1.1	71
790	Divergent evolution of potato immune receptor CC domain interactions with the Ran GTPase-activating protein 2. <i>Plant Signaling and Behavior</i> , 2014, 9, e29772.	1.2	1
791	An Evaluation of Phylogenetic Methods for Reconstructing Transmitted HIV Variants using Longitudinal Clonal HIV Sequence Data. <i>Journal of Virology</i> , 2014, 88, 6181-6194.	1.5	11
792	Pathology caused by persistent murine norovirus infection. <i>Journal of General Virology</i> , 2014, 95, 413-422.	1.3	25
793	Two exopolyphosphatases with distinct molecular architectures and substrate specificities from the thermophilic green-sulfur bacterium <i>Chlorobium tepidum</i> TLS. <i>Microbiology (United Kingdom)</i> , 2014, 160, 2067-2078.	0.7	12
794	Range-Wide Sex-Chromosome Sequence Similarity Supports Occasional XY Recombination in European Tree Frogs (<i>Hyla arborea</i>). <i>PLoS ONE</i> , 2014, 9, e97959.	1.1	10
795	Horizontal Transfer and Gene Conversion as an Important Driving Force in Shaping the Landscape of Mitochondrial Introns. <i>G3: Genes, Genomes, Genetics</i> , 2014, 4, 605-612.	0.8	65
796	Taxonomic reinvestigation of <i>Petalonia</i> (Phaeophyceae, Ectocarpales) in southeast of Honshu, Japan, with a description of <i>Petalonia tenuis</i> sp. nov. <i>Phycologia</i> , 2014, 53, 127-136.	0.6	6

#	ARTICLE	IF	CITATIONS
797	Regulation of photosynthesis and stomatal and mesophyll conductance under water stress and recovery in olive trees: correlation with gene expression of carbonic anhydrase and aquaporins. <i>Journal of Experimental Botany</i> , 2014, 65, 3143-3156.	2.4	167
798	A High-Definition View of Functional Genetic Variation from Natural Yeast Genomes. <i>Molecular Biology and Evolution</i> , 2014, 31, 872-888.	3.5	328
799	Structural Divergence in Vertebrate Phylogeny of a Duplicated Prototype Galectin. <i>Genome Biology and Evolution</i> , 2014, 6, 2721-2730.	1.1	7
800	Molecular Evolution of Zika Virus during Its Emergence in the 20th Century. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2636.	1.3	659
801	Novel Matrix Proteins of Pteria penguin Pearl Oyster Shell Nacre Homologous to the Jacalin-Related β -Prism Fold Lectins. <i>PLoS ONE</i> , 2014, 9, e112326.	1.1	29
802	Fibronectin-Binding Protein of <i>Borrelia hermsii</i> Expressed in the Blood of Mice with Relapsing Fever. <i>Infection and Immunity</i> , 2014, 82, 2520-2531.	1.0	12
803	Similar Structures to the E-to-H Helix Unit in the Globin-Like Fold are Found in Other Helical Folds. <i>Biomolecules</i> , 2014, 4, 268-288.	1.8	9
804	RAMICS: trainable, high-speed and biologically relevant alignment of high-throughput sequencing reads to coding DNA. <i>Nucleic Acids Research</i> , 2014, 42, e106-e106.	6.5	7
805	The interplay of restriction-modification systems with mobile genetic elements and their prokaryotic hosts. <i>Nucleic Acids Research</i> , 2014, 42, 10618-10631.	6.5	246
806	Molecular Analysis of the Koala Reproductive Hormones and Their Receptors: Gonadotrophin-Releasing Hormone (GnRH), Follicle-Stimulating Hormone β and Luteinising Hormone β with Localisation of GnRH. <i>Journal of Neuroendocrinology</i> , 2014, 26, 870-887.	1.2	6
807	Global biogeography of <i>Alnus</i> -associated <i>Frankia</i> actinobacteria. <i>New Phytologist</i> , 2014, 204, 979-988.	3.5	41
808	Indoor-Biofilter Growth and Exposure to Airborne Chemicals Drive Similar Changes in Plant Root Bacterial Communities. <i>Applied and Environmental Microbiology</i> , 2014, 80, 4805-4813.	1.4	28
809	Viscera-Associated Bacterial Diversity Among Intertidal Gastropods from Northern-Atlantic Coast of Portugal. <i>Current Microbiology</i> , 2014, 68, 140-148.	1.0	6
810	Characterization of the <i>aap1</i> gene of <i>Agaricus bisporus</i> , a homolog of the yeast YAP1. <i>Comptes Rendus - Biologies</i> , 2014, 337, 29-43.	0.1	8
811	Evolution of the gastrin-cholecystokinin gene family revealed by synteny analysis. <i>General and Comparative Endocrinology</i> , 2014, 195, 164-173.	0.8	21
812	Cloning, characterization and functional expression of <i>Taenia solium</i> 17 beta-hydroxysteroid dehydrogenase. <i>General and Comparative Endocrinology</i> , 2014, 203, 186-192.	0.8	13
813	Molecular differentiation of recently described <i>Neozygites osornensis</i> (Neozygites: Neozygiteaceae) from two morphologically similar species. <i>Journal of Invertebrate Pathology</i> , 2014, 115, 92-94.	1.5	7
814	Phylogeny of a relapsing fever <i>Borrelia</i> species transmitted by the hard tick <i>Ixodes scapularis</i> . <i>Infection, Genetics and Evolution</i> , 2014, 27, 551-558.	1.0	60

#	ARTICLE	IF	CITATIONS
815	High cryptic diversity and persistent lineage segregation in endemic Romecytheridea (Crustacea,) Tj ETQq0 0 0 rgBTJ Overlock 10 Tf 50	1.0	25
816	Identification of conserved RNA secondary structures at influenza B and C splice sites reveals similarities and differences between influenza A, B, and C. BMC Research Notes, 2014, 7, 22.	0.6	13
817	Kosmotoga pacifica sp. nov., a thermophilic chemoorganoheterotrophic bacterium isolated from an East Pacific hydrothermal sediment. Extremophiles, 2014, 18, 81-88.	0.9	22
818	Phylogenetic analysis of <i>Aphanius</i> from the endorheic Kor River Basin in the Zagros Mountains, South-western Iran (Teleostei: Cyprinodontiformes: Cyprinodontidae). Journal of Zoological Systematics and Evolutionary Research, 2014, 52, 130-141.	0.6	35
819	<i>Blandfordinium</i> gen. nov. and <i>Blandfordia</i> comb. nov. (<i>Dinophyceae</i>), a dinoflagellate commonly found in symbiosis with polycystine radiolarians. Journal of Phycology, 2014, 50, 388-399.	1.0	80
820	The Analysis of Eight Transcriptomes from All Poriferan Classes Reveals Surprising Genetic Complexity in Sponges. Molecular Biology and Evolution, 2014, 31, 1102-1120.	3.5	211
821	FGF Signaling Emerged Concomitantly with the Origin of Eumetazoans. Molecular Biology and Evolution, 2014, 31, 310-318.	3.5	23
822	Molecular phylogeny, morphology, pigment chemistry and ecology in Hygrophoraceae (Agaricales). Fungal Diversity, 2014, 64, 1-99.	4.7	108
823	Cryptic Diversity within Morphospecies of Testate Amoebae (Amoebozoa: Arcellinida) in New England Bogs and Fens. Protist, 2014, 165, 196-207.	0.6	32
824	High prevalence and diversity of species D adenoviruses (HAdV-D) in human populations of four Sub-Saharan countries. Virology Journal, 2014, 11, 25.	1.4	22
825	Are invasive marsh frogs (<i>Pelophylax ridibundus</i>) replacing the native <i>P. lessonae</i> / <i>P. esculentus</i> hybridogenetic complex in Western Europe? Genetic evidence from a field study. Conservation Genetics, 2014, 15, 869-878.	0.8	19
826	Genotypic and Phenotypic Diversity of Cyanobacteria in Biological Soil Crusts of the Succulent Karoo and Nama Karoo of Southern Africa. Microbial Ecology, 2014, 67, 286-301.	1.4	60
827	Characterization and comparison of potential denitrifiers in microbial mats from King George Island, Maritime Antarctica. Polar Biology, 2014, 37, 403-416.	0.5	17
828	Low impact of phenanthrene dissipation on the bacterial community in grassland soil. Environmental Science and Pollution Research, 2014, 21, 2977-2987.	2.7	16
829	Changes in bacterial and archaeal community assemblages along an ombrotrophic peat bog profile. Biology and Fertility of Soils, 2014, 50, 815-826.	2.3	14
830	<i>Paratrithirachium curvibasidium</i> , a new heat-resistant basidiomycete from flare pit soils in Alberta, Canada. Mycological Progress, 2014, 13, 575-587.	0.5	10
831	Myxozoa in high Arctic: Survey on the central part of Svalbard archipelago. International Journal for Parasitology: Parasites and Wildlife, 2014, 3, 41-56.	0.6	14
832	From ancient to contemporary molecular eco-epidemiology of Chagas disease in the Americas. International Journal for Parasitology, 2014, 44, 605-612.	1.3	40

#	ARTICLE	IF	CITATIONS
833	OXA ² -Lactamases. <i>Clinical Microbiology Reviews</i> , 2014, 27, 241-263.	5.7	641
834	Towards the non-invasive assessment of MHC genotype in wild primates: Analysis of wild assamese macaque <i>MHCαDRB</i> from fecal samples. <i>American Journal of Primatology</i> , 2014, 76, 230-238.	0.8	6
835	First record of <i>Antipathella subpinnata</i> (Anthozoa, Antipatharia) in the Azores (NE Atlantic), with description of the first monotypic garden for this species. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2014, 99, 113-121.	0.6	26
836	Integrating phylogeography, physiology and habitat modelling to explore species range determinants. <i>Journal of Biogeography</i> , 2014, 41, 687-699.	1.4	27
837	Two new species of the genus <i>Stenamoeba</i> (Discosea, Longamoebia): Cytoplasmic MTOC is present in one more amoebae lineage. <i>European Journal of Protistology</i> , 2014, 50, 153-165.	0.5	25
838	Genetic Diversity Patterns and Functional Traits of Bradyrhizobium Strains Associated with <i>Pterocarpus officinalis</i> Jacq. in Caribbean Islands and Amazonian Forest (French Guiana). <i>Microbial Ecology</i> , 2014, 68, 329-338.	1.4	8
839	Integrative taxonomy of a poorly known Sahelian rodent, <i>Gerbillus nancillus</i> (Muridae, Gerbillinae). <i>Zoologischer Anzeiger</i> , 2014, 253, 430-439.	0.4	11
840	Single acquisition of protelomerase gave rise to speciation of a large and diverse clade within the <i>Agrobacterium/Rhizobium</i> supercluster characterized by the presence of a linear chromid. <i>Molecular Phylogenetics and Evolution</i> , 2014, 73, 202-207.	1.2	44
841	Sigmodontine rodents diversified in South America prior to the complete rise of the Panamanian Isthmus. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2014, 52, 249-256.	0.6	31
842	A multigene phylogenetic synthesis for the class Lecanoromycetes (Ascomycota): 1307 fungi representing 1139 infrageneric taxa, 317 genera and 66 families. <i>Molecular Phylogenetics and Evolution</i> , 2014, 79, 132-168.	1.2	248
843	Origin and Evolution of B Chromosomes in the Cichlid Fish <i>Astatotilapia latifasciata</i> Based on Integrated Genomic Analyses. <i>Molecular Biology and Evolution</i> , 2014, 31, 2061-2072.	3.5	112
844	Evolution of symbiosis with <i>Lingula</i> (Brachiopoda) in the bivalve superfamily Galeommatoidea (Heterodonta), with description of a new species of <i>Koreamya</i> . <i>Journal of Molluscan Studies</i> , 2014, 80, 148-160.	0.4	13
845	Phylogenetic relationships, morphological variation, and toxin patterns in the <i>Alexandrium ostenfeldii</i> (<i>Dinophyceae</i>) complex: implications for species boundaries and identities. <i>Journal of Phycology</i> , 2014, 50, 81-100.	1.0	86
846	Ligulate <i>Desmarestia</i> (Desmarestiales, Phaeophyceae) revisited: <i>D. japonica</i> sp. nov. and <i>D. dudresnayi</i> differ from <i>D. ligulata</i> . <i>Journal of Phycology</i> , 2014, 50, 149-166.	1.0	20
847	Biodiversity of soil cyanobacteria in the hyperarid <i>Acatama Desert</i> , Chile. <i>Journal of Phycology</i> , 2014, 50, 698-710.	1.0	81
848	Genome-wide identification, domain architectures and phylogenetic analysis provide new insights into the early evolution of shikimate pathway in prokaryotes. <i>Molecular Phylogenetics and Evolution</i> , 2014, 75, 154-164.	1.2	8
849	A Systematic and Functional Classification of <i>Streptococcus pyogenes</i> That Serves as a New Tool for Molecular Typing and Vaccine Development. <i>Journal of Infectious Diseases</i> , 2014, 210, 1325-1338.	1.9	257
850	Identification of a Novel Retrotransposon with Sex Chromosome-Specific Distribution in <i>Silene latifolia</i> . <i>Cytogenetic and Genome Research</i> , 2014, 143, 87-95.	0.6	18

#	ARTICLE	IF	CITATIONS
851	Recent speciation and secondary contact in endemic ants. <i>Molecular Ecology</i> , 2014, 23, 2529-2542.	2.0	14
852	Ancient <scp>DNA</scp> sheds new light on the Svalbard foraminiferal fossil record of the last millennium. <i>Geobiology</i> , 2014, 12, 277-288.	1.1	39
853	Analysis of the draft genome of <i>Pseudomonas fluorescens</i> ATCC17400 indicates a capacity to take up iron from a wide range of sources, including different exogenous pyoverdines. <i>BioMetals</i> , 2014, 27, 633-644.	1.8	10
854	Evolution of the Cation Chloride Cotransporter Family: Ancient Origins, Gene Losses, and Subfunctionalization through Duplication. <i>Molecular Biology and Evolution</i> , 2014, 31, 434-447.	3.5	54
855	Population Genomics Reveal Recent Speciation and Rapid Evolutionary Adaptation in Polar Bears. <i>Cell</i> , 2014, 157, 785-794.	13.5	363
856	Molecular Phylogeny of <i>Amphora</i> sensu lato (Bacillariophyta): An Investigation into the Monophyly and Classification of the Amphoroid Diatoms. <i>Protist</i> , 2014, 165, 177-195.	0.6	44
857	Prevalence of type III secretion system in effective biocontrol pseudomonads. <i>Research in Microbiology</i> , 2014, 165, 300-304.	1.0	16
858	Phylogeny of Eutardigrada: New molecular data and their morphological support lead to the identification of new evolutionary lineages. <i>Molecular Phylogenetics and Evolution</i> , 2014, 76, 110-126.	1.2	176
859	Discovery and Evolution of Bunyavirids in Arctic Phantom Midges and Ancient Bunyavirid-Like Sequences in Insect Genomes. <i>Journal of Virology</i> , 2014, 88, 8783-8794.	1.5	80
860	Structural Insights into Ubiquinone Biosynthesis in Membranes. <i>Science</i> , 2014, 343, 878-881.	6.0	122
861	Partner choice and fidelity stabilize coevolution in a Cretaceous-age defensive symbiosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 6359-6364.	3.3	111
862	Morphological and Molecular Characterisation of <i>Notosolenus urceolatus</i> Larsen and Patterson 1990, a Member of an Understudied Deep-branching Euglenid Group (Petalomonads). <i>Journal of Eukaryotic Microbiology</i> , 2014, 61, 463-479.	0.8	16
863	Evolution of methicillin-resistant <i>Staphylococcus aureus</i> towards increasing resistance. <i>Journal of Antimicrobial Chemotherapy</i> , 2014, 69, 616-622.	1.3	50
864	The (d)evolution of methanotrophy in the <i>Beijerinckiaceae</i> —a comparative genomics analysis. <i>ISME Journal</i> , 2014, 8, 369-382.	4.4	91
865	Towards understanding the molecular mechanism of the endocytosis-like process in the bacterium <i>Gemmata obscuriglobus</i> . <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 1732-1738.	1.9	9
866	Resolving deep lineage divergences in core corvid passerine birds supports a proto-Papuan island origin. <i>Molecular Phylogenetics and Evolution</i> , 2014, 70, 272-285.	1.2	55
867	Further insights into the phylogeny of two ciliate classes Nassophorea and Prostomatea (Protista). <i>Trends in Microbiology</i> , 2014, 22, 56-58.	1.2	56
868	Mitochondrial genomes of <i>Anisakis simplex</i> and <i>Contraecaecum osculatum</i> (sensu stricto) — Comparisons with selected nematodes. <i>Infection, Genetics and Evolution</i> , 2014, 21, 452-462.	1.0	25

#	ARTICLE	IF	CITATIONS
869	Middle East respiratory syndrome coronavirus in dromedary camels: an outbreak investigation. <i>Lancet Infectious Diseases</i> , The, 2014, 14, 140-145.	4.6	571
870	Genomic epidemiology of <i>Neisseria gonorrhoeae</i> with reduced susceptibility to cefixime in the USA: a retrospective observational study. <i>Lancet Infectious Diseases</i> , The, 2014, 14, 220-226.	4.6	193
871	Pathways and genes involved in steroid hormone metabolism in male pigs: A review and update. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014, 140, 44-55.	1.2	37
872	<i>Tritirachium candoliense</i> sp. nov., a novel basidiomycetous fungus isolated from the anoxic zone of the Arabian Sea. <i>Fungal Biology</i> , 2014, 118, 139-149.	1.1	19
873	Experimental evolution reveals habitat-specific fitness dynamics among <i>Wolbachia</i> clades in <i>Drosophila melanogaster</i> . <i>Molecular Ecology</i> , 2014, 23, 802-814.	2.0	43
874	Sulfur oxidation to sulfate coupled with electron transfer to electrodes by <i>Desulfuromonas</i> strain TZ1. <i>Microbiology (United Kingdom)</i> , 2014, 160, 123-129.	0.7	41
875	Linking Diatom Sensitivity to Herbicides to Phylogeny: A Step Forward for Biomonitoring?. <i>Environmental Science & Technology</i> , 2014, 48, 1921-1930.	4.6	53
876	A Y-chromosome-encoded small RNA acts as a sex determinant in persimmons. <i>Science</i> , 2014, 346, 646-650.	6.0	330
877	<i>Nipharagus</i> – <i>Thiothrix</i> associations may be widespread in sulphidic groundwater ecosystems: evidence from southeastern Romania. <i>Molecular Ecology</i> , 2014, 23, 1405-1417.	2.0	47
878	Genetic diversity in caribou linked to past and future climate change. <i>Nature Climate Change</i> , 2014, 4, 132-137.	8.1	154
879	The <i>TET2</i> and <i>TET3</i> aminopeptidases from <i>Pyrococcus horikoshii</i> form a hetero-subunit peptidosome with enhanced peptide destruction properties. <i>Molecular Microbiology</i> , 2014, 94, 803-814.	1.2	8
880	Shear wave splitting and shear wave splitting tomography of the southern Puna plateau. <i>Geophysical Journal International</i> , 2014, 199, 688-699.	1.0	10
881	Phosphate absorption across multiple epithelia in the Pacific hagfish (<i>Eptatretus stoutii</i>). <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014, 307, R643-R652.	0.9	18
882	A mechanistic study on SMOB-ADP1: an NADH:flavin oxidoreductase of the two-component styrene monooxygenase of <i>Acinetobacter baylyi</i> ADP1. <i>Archives of Microbiology</i> , 2014, 196, 829-845.	1.0	20
883	Directed de novo population transcriptome dissects genetic regulation of a balanced polymorphism in phosphorus nutrition/arsenate tolerance in a wild grass, <i>Holcus lanatus</i> . <i>New Phytologist</i> , 2014, 201, 144-154.	3.5	6
884	A stably expressed llama single-domain intrabody targeting Rev displays broad-spectrum anti-HIV activity. <i>Antiviral Research</i> , 2014, 112, 91-102.	1.9	24
885	An improved single-round PCR leads to rapid and highly sensitive detection of <i>Pneumocystis</i> spp.. <i>Medical Mycology</i> , 2014, 52, 841-846.	0.3	6
886	Dynamic expression of a Hydra FGF at boundaries and termini. <i>Development Genes and Evolution</i> , 2014, 224, 235-244.	0.4	19

#	ARTICLE	IF	CITATIONS
887	Evolutionary active transposable elements in the genome of the coelacanth. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2014, 322, 322-333.	0.6	22
888	New insights into the genetic diversity of zooxanthellae in Mediterranean anthozoans. <i>Symbiosis</i> , 2014, 63, 41-46.	1.2	14
889	Two <i>CYP4</i> genes of the Chinese white pine beetle, <i>Dendroctonus armandi</i> (Curculionidae: Scolytinae), and their transcript levels under different development stages and treatments. <i>Insect Molecular Biology</i> , 2014, 23, 598-610.	1.0	43
890	Stronger transferability but lower variability in transcriptomic than in anonymous microsatellites: evidence from <i>Hyla</i> frogs. <i>Molecular Ecology Resources</i> , 2014, 14, 716-725.	2.2	26
891	<i>Aspergillus</i> , <i>Penicillium</i> and <i>Talaromyces</i> isolated from house dust samples collected around the world. <i>Studies in Mycology</i> , 2014, 78, 63-139.	4.5	218
892	Fermentative hydrogen production by a new alkaliphilic <i>Clostridium</i> sp. (strain PROH2) isolated from a shallow submarine hydrothermal chimney in Prony Bay, New Caledonia. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 19465-19473.	3.8	46
893	<i>Bradyrhizobium neotropiale</i> sp. nov., isolated from effective nodules of <i>Centrolobium paraense</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 3950-3957.	0.8	46
894	Inactivation of two newly identified tobacco heavy metal ATPases leads to reduced Zn and Cd accumulation in shoots and reduced pollen germination. <i>Metallomics</i> , 2014, 6, 1427-1440.	1.0	49
895	The Mediterranean Endemic New genus <i>Felicinia</i> (Halymeniales, Rhodophyta) Recognized by a Morphological and Phylogenetic Integrative Approach. <i>Cryptogamie, Algologie</i> , 2014, 35, 221-243.	0.3	18
896	Evolutionary dynamics and genetic diversity from three genes of Anguillid rhabdovirus. <i>Journal of General Virology</i> , 2014, 95, 2390-2401.	1.3	6
897	Tanay virus, a new species of virus isolated from mosquitoes in the Philippines. <i>Journal of General Virology</i> , 2014, 95, 1390-1395.	1.3	53
898	<i>Rhizocola hellebori</i> gen. nov., sp. nov., an actinomycete of the family Micromonosporaceae containing 3,4-dihydroxydiaminopimelic acid in the cell-wall peptidoglycan. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 2706-2711.	0.8	18
899	Redescription and Molecular Characterization of <i>Placobdella hollensis</i> (Whitman, 1892) (Hirudinida: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.6	10
900	Defensive slime formation in Pacific hagfish requires Ca ²⁺ and aquaporin mediated swelling of released mucin vesicles. <i>Journal of Experimental Biology</i> , 2014, 217, 2288-96.	0.8	22
901	An Illumina metabarcoding pipeline for fungi. <i>Ecology and Evolution</i> , 2014, 4, 2642-2653.	0.8	107
902	Protease inhibitor resistance mutations in untreated Brazilian patients infected with HCV: Novel insights about targeted genotyping approaches. <i>Journal of Medical Virology</i> , 2014, 86, 1714-1721.	2.5	16
903	Physiological features of <i>Halomonas lionensis</i> sp. nov., a novel bacterium isolated from a Mediterranean Sea sediment. <i>Research in Microbiology</i> , 2014, 165, 490-500.	1.0	22
904	Diversity of bladed <i>Braconiales</i> (Rhodophyta) in western Mediterranean: recognition of the genus <i>Themis</i> and descriptions of <i>Themis ballesterosii</i> sp. nov., <i>Themis aiberica</i> sp. nov., and <i>Protoparva parva</i> sp. nov.. <i>Journal of Phycology</i> , 2014, 50, 908-929.	1.0	38

#	ARTICLE	IF	CITATIONS
905	The TrpA protein of <i>Trichodesmium erythraeum</i> IMS101 is a non-fibril-forming collagen and a component of the outer sheath. <i>Microbiology</i> (United Kingdom), 2014, 160, 2148-2156.	0.7	5
906	On <i>Levanderina fissa</i> gen. & comb. nov. (Dinophyceae) (syn. <i>Gymnodinium</i>) Tj ETQq1 1 0.784314 rgBT /Overl sulcus. <i>Phycologia</i> , 2014, 53, 265-292.	0.6	38
907	MORPHOLOGIC AND MOLECULAR STUDY OF HEMOPARASITES IN WILD CORVIDS AND EVIDENCE OF SEQUENCE IDENTITY WITH PLASMODIUM DNA DETECTED IN CAPTIVE BLACK-FOOTED PENGUINS (<i>SPHENISCUS</i>) Tj ETQq0 0 0.0gBT /Ove	0.0	0
908	Whole Genome Analysis of Sierra Nevada Virus, a Novel Mononegavirus in the Family Nyamiviridae. <i>American Journal of Tropical Medicine and Hygiene</i> , 2014, 91, 159-164.	0.6	14
909	Wide Occurrence of SSU rDNA Intragenomic Polymorphism in Foraminifera and its Implications for Molecular Species Identification. <i>Protist</i> , 2014, 165, 645-661.	0.6	55
910	A mitogenomic phylogeny and genetic history of sable (<i>Martes zibellina</i>). <i>Gene</i> , 2014, 550, 56-67.	1.0	16
911	Species delimitation and phylogeny in the genus <i>Nasutitermes</i> (<i>Nasutitermitidae</i> : <i>Nasutitermitinae</i>) in <i>French Guiana</i> . <i>Molecular Ecology</i> , 2014, 23, 902-920.	2.0	19
912	Within-Host Whole-Genome Deep Sequencing and Diversity Analysis of Human Respiratory Syncytial Virus Infection Reveals Dynamics of Genomic Diversity in the Absence and Presence of Immune Pressure. <i>Journal of Virology</i> , 2014, 88, 7286-7293.	1.5	53
913	Maximum polyphyly: Multiple origins and delimitation with plesiomorphic characters require a new circumscription of <i>Minuartia</i> (Caryophyllaceae). <i>Taxon</i> , 2014, 63, 64-88.	0.4	71
914	Taking their breath away: Metabolic responses to low-oxygen levels in anchialine shrimps (Crustacea: Tj ETQq1 1 0.784314 rgBT /Overl <i>Physiology</i> , 2014, 178, 109-120.	0.8	11
915	Recognition of a new species of <i>Kallymenia</i> (Gigartinales, Rhodophyta) from Croatia (Mediterranean Sea) based on morphology and DNA barcode. <i>European Journal of Phycology</i> , 2014, 49, 332-344.	0.9	8
916	Genome analysis of non-human primate polyomaviruses. <i>Infection, Genetics and Evolution</i> , 2014, 26, 283-294.	1.0	21
917	A family of excitatory peptide toxins from venomous crassispine snails: Using Constellation Pharmacology to assess bioactivity. <i>Toxicon</i> , 2014, 89, 45-54.	0.8	15
918	Genetic data, reproduction season and reproductive strategy data support the existence of biological species in <i>Ophioderma longicauda</i> . <i>Comptes Rendus - Biologies</i> , 2014, 337, 553-560.	0.1	16
919	The evolution of signal-reward correlations in bee- and hummingbird-pollinated species of <i>Salvia</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20132934.	1.2	36
920	Phylogeny of the class Actinobacteria revisited in the light of complete genomes. The orders Frankiales and Micrococcales should be split into coherent entities: proposal of Frankiales ord. nov., Geodermatophilales ord. nov., Acidothermales ord. nov. and Nakamurellales ord. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> . 2014. 64. 3821-3832.	0.8	148
921	Comparative analysis of 16S rRNA signature sequences of the genus <i>Idiomarina</i> and <i>Idiomarina woesei</i> sp. nov., a novel marine bacterium isolated from the Andaman Sea. <i>Research in Microbiology</i> , 2014, 165, 501-507.	1.0	27
922	Bacterial diversity in a contaminated Alpine glacier as determined by culture-based and molecular approaches. <i>Science of the Total Environment</i> , 2014, 497-498, 50-59.	3.9	12

#	ARTICLE	IF	CITATIONS
923	Morphological and Molecular Characterization of a New Species of <i>Stephanopogon</i> , <i>Stephanopogon pattersoni</i> n. sp.. Journal of Eukaryotic Microbiology, 2014, 61, 389-398.	0.8	10
924	Metagenomic shotgun sequencing of a Bunyavirus in wild-caught <i>Aedes aegypti</i> from Thailand informs the evolutionary and genomic history of the Phleboviruses. Virology, 2014, 464-465, 312-319.	1.1	46
925	The evolution of <i>rbcl</i> : A methodology to follow the evolution patterns of <i>Medicago</i> and <i>Sulla</i> (Fabaceae) genera. Biochemical Systematics and Ecology, 2014, 57, 33-39.	0.6	2
926	The PH gene determines fruit acidity and contributes to the evolution of sweet melons. Nature Communications, 2014, 5, 4026.	5.8	100
927	Dynamic recruitment of amino acid transporters to the insect/symbiont interface. Molecular Ecology, 2014, 23, 1608-1623.	2.0	57
928	Multiple nuclear genes stabilize the phylogenetic backbone of the genus <i>Quercus</i> . Systematics and Biodiversity, 2014, 12, 405-423.	0.5	134
929	A novel hybrid SCCmec-mecC region in <i>Staphylococcus sciuri</i> . Journal of Antimicrobial Chemotherapy, 2014, 69, 911-918.	1.3	73
930	Microsymbionts of <i>Phaseolus vulgaris</i> in acid and alkaline soils of Mexico. Systematic and Applied Microbiology, 2014, 37, 605-612.	1.2	42
931	The SWEET family of sugar transporters in grapevine: VvSWEET4 is involved in the interaction with <i>Botrytis cinerea</i> . Journal of Experimental Botany, 2014, 65, 6589-6601.	2.4	214
932	HGTector: an automated method facilitating genome-wide discovery of putative horizontal gene transfers. BMC Genomics, 2014, 15, 717.	1.2	122
933	Sac Pox from the thermoacidophilic crenarchaeon <i>Sulfolobus acidocaldarius</i> is a proficient lactonase. BMC Research Notes, 2014, 7, 333.	0.6	25
934	Molecular characterization of flaviviruses from field-collected mosquitoes in northwestern Italy, 2011-2012. Parasites and Vectors, 2014, 7, 395.	1.0	28
935	<i>In Vitro</i> Selection of <i>Neisseria gonorrhoeae</i> Mutants with Elevated MIC Values and Increased Resistance to Cephalosporins. Antimicrobial Agents and Chemotherapy, 2014, 58, 6986-6989.	1.4	20
936	Kinetic and structural characterization of a typical two-cysteine peroxiredoxin from <i>Leptospira interrogans</i> exhibiting redox sensitivity. Free Radical Biology and Medicine, 2014, 77, 30-40.	1.3	13
937	A Haploid System of Sex Determination in the Brown Alga <i>Ectocarpus</i> sp.. Current Biology, 2014, 24, 1945-1957.	1.8	131
938	One or three species in <i>Megadenia</i> (Brassicaceae): insight from molecular studies. Genetica, 2014, 142, 337-350.	0.5	16
939	<i>Acanthamoeba</i> everywhere: high diversity of <i>Acanthamoeba</i> in soils. Parasitology Research, 2014, 113, 3151-3158.	0.6	75
940	What does the nr5S DNA multigene family tell us about the genomic relationship between <i>Dasypyrum breviaristatum</i> and <i>D. villosum</i> (Triticeae: Poaceae)?. Molecular Genetics and Genomics, 2014, 289, 553-565.	1.0	11

#	ARTICLE	IF	CITATIONS
941	Arsenic and cadmium are inhibitors of cyanobacterial dinitrogenase reductase (nifH1) gene. <i>Functional and Integrative Genomics</i> , 2014, 14, 571-580.	1.4	13
942	Molecular phylogeny of Triatomini (Hemiptera: Reduviidae: Triatominae). <i>Parasites and Vectors</i> , 2014, 7, 149.	1.0	125
943	<i>Rickettsia bellii</i> , <i>Rickettsia amblyommii</i> , and Laguna Negra hantavirus in an Indian reserve in the Brazilian Amazon. <i>Parasites and Vectors</i> , 2014, 7, 191.	1.0	19
944	Analysis of the Wnt gene repertoire in an onychophoran provides new insights into the evolution of segmentation. <i>EvoDevo</i> , 2014, 5, 14.	1.3	41
945	Species tree estimation of North American chorus frogs (Hylidae: Pseudacris) with parallel tagged amplicon sequencing. <i>Molecular Phylogenetics and Evolution</i> , 2014, 75, 78-90.	1.2	32
946	GENOME STRUCTURE DRIVES PATTERNS OF GENE FAMILY EVOLUTION IN CILIATES, A CASE STUDY USING <i>CHILODONELLA UNCINATA</i> (PROTISTA, CILIOPHORA, PHYLLOPHARYNGEA). <i>Evolution; International Journal of Organic Evolution</i> , 2014, 68, n/a-n/a.	1.1	25
947	Morphology, ontogenesis and molecular phylogeny of <i>Platynematum salinarum</i> nov. spec., a new scuticociliate (Ciliophora, Scuticociliatia) from a solar saltern. <i>European Journal of Protistology</i> , 2014, 50, 174-184.	0.5	30
948	Inferring the degree of incipient speciation in secondary contact zones of closely related lineages of Palearctic green toads (<i>Bufo viridis</i> subgroup). <i>Heredity</i> , 2014, 113, 9-20.	1.2	38
949	Clinical applications of pathogen phylogenies. <i>Trends in Molecular Medicine</i> , 2014, 20, 394-404.	3.5	10
950	Ribosomal frameshifting in the CCR5 mRNA is regulated by miRNAs and the NMD pathway. <i>Nature</i> , 2014, 512, 265-269.	13.7	130
951	Geographic Distribution of Cryptic Species of <i>Plasmopara viticola</i> Causing Downy Mildew on Wild and Cultivated Grape in Eastern North America. <i>Phytopathology</i> , 2014, 104, 692-701.	1.1	51
952	A multicopy Y-chromosomal SGNH hydrolase gene expressed in the testis of the platyfish has been captured and mobilized by a Helitron transposon. <i>BMC Genetics</i> , 2014, 15, 44.	2.7	13
953	The nuclear receptor gene family in the Pacific oyster, <i>Crassostrea gigas</i> , contains a novel subfamily group. <i>BMC Genomics</i> , 2014, 15, 369.	1.2	75
954	Zearalenone lactonohydrolase activity in Hypocreales and its evolutionary relationships within the epoxide hydrolase subset of a/b-hydrolases. <i>BMC Microbiology</i> , 2014, 14, 82.	1.3	34
955	Chloroquine efficacy studies confirm drug susceptibility of <i>Plasmodium vivax</i> in Chennai, India. <i>Malaria Journal</i> , 2014, 13, 129.	0.8	29
956	Discrepancy between Species Borders at Morphological and Molecular Levels in the Genus <i>Cochliopodium</i> (Amoebozoa, Himatizmenida), with the Description of <i>Cochliopodium plurinucleolum</i> n. sp.. <i>Protist</i> , 2014, 165, 364-383.	0.6	30
957	Compartmentalized microbial composition, oxygen gradients and nitrogen fixation in the gut of <i>Odontotaenius disjunctus</i> . <i>ISME Journal</i> , 2014, 8, 6-18.	4.4	80
958	Prohibitin 2 Regulates Cell Proliferation and Mitochondrial Cristae Morphogenesis in Planarian Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2014, 10, 871-887.	5.6	32

#	ARTICLE	IF	CITATIONS
959	Genetic variability of the invasive snail <i>Pomacea canaliculata</i> in South China based on mitochondrial 16S rDNA sequences. <i>Biochemical Systematics and Ecology</i> , 2014, 57, 203-209.	0.6	5
960	Characterization of spirolide producing <i>Alexandrium ostenfeldii</i> (Dinophyceae) from the western Arctic. <i>Harmful Algae</i> , 2014, 39, 259-270.	2.2	32
961	Phylogenetic trait conservation in the partner choice of a group of ectomycorrhizal trees. <i>Molecular Ecology</i> , 2014, 23, 4886-4898.	2.0	19
962	Metaproteogenomic analysis of a sulfate-reducing enrichment culture reveals genomic organization of key enzymes in the m-xylene degradation pathway and metabolic activity of proteobacteria. <i>Systematic and Applied Microbiology</i> , 2014, 37, 488-501.	1.2	31
963	An insulin-like androgenic gland hormone gene in the mud crab, <i>Scylla paramamosain</i> , extensively expressed and involved in the processes of growth and female reproduction. <i>General and Comparative Endocrinology</i> , 2014, 204, 229-238.	0.8	87
964	Functional characterization of <i>Yersinia pestis</i> aerobic glycerol metabolism. <i>Microbial Pathogenesis</i> , 2014, 76, 33-43.	1.3	15
965	Unveiling of the Diversity of Prasinoviruses (Phycodnaviridae) in Marine Samples by Using High-Throughput Sequencing Analyses of PCR-Amplified DNA Polymerase and Major Capsid Protein Genes. <i>Applied and Environmental Microbiology</i> , 2014, 80, 3150-3160.	1.4	30
966	Flavonolignans from <i>Aspergillus iizukae</i> , a Fungal Endophyte of Milk Thistle (<i>Silybum</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.5	85
967	Temperature is not responsible for left-right reversal in pelagic unicellular zooplanktons. <i>Journal of Zoology</i> , 2014, 293, 16-24.	0.8	10
968	Taxonomic placement of <i>Paphiopedilum canhii</i> (Cypripedioideae; Orchidaceae) based on cytological, molecular and micromorphological evidence. <i>Molecular Phylogenetics and Evolution</i> , 2014, 70, 429-441.	1.2	12
969	Multilocus sequence typing system (MLST) reveals a significant association of <i>Entamoeba histolytica</i> genetic patterns with disease outcome. <i>Parasitology International</i> , 2014, 63, 308-314.	0.6	13
970	<i>Haplomyxa saranae</i> gen. nov. et sp. nov., a New Naked Freshwater Foraminifer. <i>Protist</i> , 2014, 165, 317-329.	0.6	11
971	DNA barcoding species in <i>Alexandrium tamarense</i> complex using ITS and proposing designation of five species. <i>Harmful Algae</i> , 2014, 31, 100-113.	2.2	58
972	Characterization of the North American beaver (<i>Castor canadensis</i>) papillomavirus genome. <i>Veterinary Microbiology</i> , 2014, 168, 214-220.	0.8	3
973	Horizontal gene transfer from human host to HIV-1 reverse transcriptase confers drug resistance and partly compensates for replication deficits. <i>Virology</i> , 2014, 456-457, 310-318.	1.1	5
974	Genetic analysis of G12P[8] rotaviruses detected in the largest U.S. G12 genotype outbreak on record. <i>Infection, Genetics and Evolution</i> , 2014, 21, 214-219.	1.0	26
975	Anaerobic oxidation of long-chain n-alkanes by the hyperthermophilic sulfate-reducing archaeon, <i>Archaeoglobus fulgidus</i> . <i>ISME Journal</i> , 2014, 8, 2153-2166.	4.4	88
976	Genomic basis for the convergent evolution of electric organs. <i>Science</i> , 2014, 344, 1522-1525.	6.0	181

#	ARTICLE	IF	CITATIONS
977	The D^2 region of the large subunit ribosomal DNA as barcode for ciliates. <i>Molecular Ecology Resources</i> , 2014, 14, 458-468.	2.2	52
978	Genomic V exons from whole genome shotgun data in reptiles. <i>Immunogenetics</i> , 2014, 66, 479-492.	1.2	22
979	When fathers are instant losers: homogenization of rDNA loci in recently formed Cardamine \hat{A} – \hat{A} schulzii trigonemic allopolyploid. <i>New Phytologist</i> , 2014, 203, 1096-1108.	3.5	45
980	DEF- and GLO-like proteins may have lost most of their interaction partners during angiosperm evolution. <i>Annals of Botany</i> , 2014, 114, 1431-1443.	1.4	49
981	Old but Not (So) Degenerated—Slow Evolution of Largely Homomorphic Sex Chromosomes in Ratites. <i>Molecular Biology and Evolution</i> , 2014, 31, 1444-1453.	3.5	34
982	Evolutionary Origins of Human Herpes Simplex Viruses 1 and 2. <i>Molecular Biology and Evolution</i> , 2014, 31, 2356-2364.	3.5	139
983	Dating the origin of the genus Flavivirus in the light of Beringian biogeography. <i>Journal of General Virology</i> , 2014, 95, 1969-1982.	1.3	32
984	Evolution of a Transition State: Role of Lys100 in the Active Site of Isocitrate Dehydrogenase. <i>ChemBioChem</i> , 2014, 15, 1145-1153.	1.3	7
985	Glucitol Dehydrogenase from Peach (<i>Prunus persica</i>) Fruits is Regulated by Thioredoxin h. <i>Plant and Cell Physiology</i> , 2014, 55, 1157-1168.	1.5	11
986	Occurrence of multi-antibiotic resistant <i>Pseudomonas</i> spp. in drinking water produced from karstic hydrosystems. <i>Science of the Total Environment</i> , 2014, 490, 370-378.	3.9	56
987	<i>Methylomarinovum caldicuralii</i> gen. nov., sp. nov., a moderately thermophilic methanotroph isolated from a shallow submarine hydrothermal system, and proposal of the family <i>Methylothermaceae</i> fam. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 989-999.	0.8	73
988	<i>Streptococcus moroccensis</i> sp. nov. and <i>Streptococcus rifensis</i> sp. nov., isolated from raw camel milk. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 2480-2485.	0.8	18
989	The HAP complex in <i>Fusarium verticillioides</i> is a key regulator of growth, morphogenesis, secondary metabolism, and pathogenesis. <i>Fungal Genetics and Biology</i> , 2014, 69, 52-64.	0.9	20
990	Thyroid hormone and retinoid X receptor function and expression during sea lamprey (<i>Petromyzon</i>) Tj ETQq1 1 0.784314 rgBT /Overlo	0.8	16
991	Origin of the dengue virus outbreak in Martin County, Florida, USA 2013. <i>Virology Reports</i> , 2014, 1-2, 2-8.	0.4	31
992	Molecular evolution of Zika virus during its emergence in the 20th century. <i>International Journal of Infectious Diseases</i> , 2014, 21, 2-3.	1.5	3
993	The origin and diversification of the merozoite surface protein 3 (msp3) multi-gene family in <i>Plasmodium vivax</i> and related parasites. <i>Molecular Phylogenetics and Evolution</i> , 2014, 78, 172-184.	1.2	44
994	Antifungal activity and identification of Lactobacilli, isolated from traditional dairy product \hat{A} – \hat{A} ekatak \hat{A} – \hat{A} . <i>Anaerobe</i> , 2014, 28, 78-84.	1.0	41

#	ARTICLE	IF	CITATIONS
995	Antifungal activity of flavonoids from Heteropterys byrsonimifolia and a commercial source against <i>Aspergillus ochraceus</i> : In silico interactions of these compounds with a protein kinase. <i>Crop Protection</i> , 2014, 62, 107-114.	1.0	18
996	Osmotolerance in the Cryptophyceae: Jacks-of-all-trades in the Chromonas Clade. <i>Protist</i> , 2014, 165, 123-143.	0.6	21
997	The mitochondrial respiratory chain of the secondary green alga <i>Euglena gracilis</i> shares many additional subunits with parasitic Trypanosomatidae. <i>Mitochondrion</i> , 2014, 19, 338-349.	1.6	59
998	Estimating the Phanerozoic history of the Ascomycota lineages: Combining fossil and molecular data. <i>Molecular Phylogenetics and Evolution</i> , 2014, 78, 386-398.	1.2	197
999	<p>New taxa and taxonomic revisions to the Poraniidae (Valvatacea; Asteroidea) with Comments on Feeding Biology</p>. <i>Zootaxa</i> , 2014, 3795, 327.	0.2	19
1000	Assignment of Calibration Information to Deeper Phylogenetic Nodes is More Effective in Obtaining Precise and Accurate Divergence Time Estimates. <i>Evolutionary Bioinformatics</i> , 2014, 10, EBO.S13908.	0.6	18
1001	Mode-of-action and evolution of methylenedioxy bridge forming P450s in plant specialized metabolism. <i>Plant Biotechnology</i> , 2014, 31, 493-503.	0.5	12
1002	High quality draft genome sequence of <i>Olivibacter sitiensis</i> type strain (AW-6T), a diphenol degrader with genes involved in the catechol pathway. <i>Standards in Genomic Sciences</i> , 2014, 9, 783-793.	1.5	18
1003	Non-contiguous finished genome sequence of <i>Staphylococcus capitis</i> CRO1 (pulsetype NRCS-A). <i>Standards in Genomic Sciences</i> , 2014, 9, 1118-1127.	1.5	11
1004	On the taxonomic status of the enigmatic Phycolepidoziaceae (Marchantiophyta: Jungermanniales) with description of a new species, <i>Phycolepidozia indica</i>. <i>Taxon</i> , 2014, 63, 498-508.	0.4	7
1005	Statistical tests to identify appropriate types of nucleotide sequence recoding in molecular phylogenetics. <i>BMC Bioinformatics</i> , 2014, 15, S8.	1.2	11
1006	First assessment of the diversity of coralline species forming maerl and rhodoliths in Guadeloupe, Caribbean using an integrative systematic approach. <i>Phytotaxa</i> , 2014, 190, 190.	0.1	22
1007	Molecular diversity and distribution of marine fungi across 130 European environmental samples. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20152243.	1.2	177
1008	Opsin evolution in the Ambulacraria. <i>Marine Genomics</i> , 2015, 24, 177-183.	0.4	50
1009	Mitochondrial transcripts and associated heteroplasmies of <i>Ancistrus</i> spp. (Siluriformes: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 182 Td (0.5	0
1010	<i>Roholtiella</i> , gen. nov. (Nostocales, Cyanobacteria)â€”a tapering and branching cyanobacteria of the family Nostocaceae. <i>Phytotaxa</i> , 2015, 197, 84.	0.1	77
1011	Monoclonal antibody-based analysis of cell wall remodeling during xylogenesis. <i>Journal of Plant Research</i> , 2015, 128, 975-986.	1.2	3
1012	Correlation between the greenâ€”island phenotype and <i>Wolbachia</i> infections during the evolutionary diversification of Gracillariidae leafâ€”mining moths. <i>Ecology and Evolution</i> , 2015, 5, 4049-4062.	0.8	42

#	ARTICLE	IF	CITATIONS
1013	Remarkable ancient divergences amongst neglected loriform primates. <i>Zoological Journal of the Linnean Society</i> , 2015, 175, 661-674.	1.0	71
1015	Secondary Metabolites Control the Associated Bacterial Communities of Saprophytic Basidiomycotina Fungi. <i>Microbes and Environments</i> , 2015, 30, 196-198.	0.7	22
1016	Skin lesion-associated pathogens from <i>Octopus vulgaris</i> : first detection of <i>Photobacterium swingsii</i> , <i>Lactococcus garvieae</i> and betanodavirus. <i>Diseases of Aquatic Organisms</i> , 2015, 115, 147-156.	0.5	30
1017	Conserved features in TamA enable interaction with TamB to drive the activity of the translocation and assembly module. <i>Scientific Reports</i> , 2015, 5, 12905.	1.6	35
1019	Transposase interaction with the γ sliding clamp: effects on insertion sequence proliferation and transposition rate. <i>Scientific Reports</i> , 2015, 5, 13329.	1.6	9
1020	A high-resolution genomic analysis of multidrug-resistant hospital outbreaks of <i>Klebsiella pneumoniae</i> . <i>EMBO Molecular Medicine</i> , 2015, 7, 227-239.	3.3	104
1021	Marine medaka ATP-binding cassette (ABC) superfamily and new insight into teleost Abch nomenclature. <i>Scientific Reports</i> , 2015, 5, 15409.	1.6	22
1022	Distance-dependent patterns of molecular divergences in tuatara mitogenomes. <i>Scientific Reports</i> , 2015, 5, 8703.	1.6	5
1023	Reassortment and distinct evolutionary dynamics of Rift Valley Fever virus genomic segments. <i>Scientific Reports</i> , 2015, 5, 11353.	1.6	18
1024	Environmental marine pathogen isolation using mesocosm culture of sharpsnout seabream: striking genomic and morphological features of novel <i>Endozoicomonas</i> sp.. <i>Scientific Reports</i> , 2015, 5, 17609.	1.6	60
1025	Genetic Patterns in Forest Antelope Populations in the Udzungwa Mountains, Tanzania, as Inferred from Non-Invasive Sampling. <i>Journal of East African Natural History</i> , 2015, 104, 91-125.	0.6	2
1026	Characterization and expression analysis of adipokinetic hormone and its receptor in eusocial aphid <i>Pseudoregma bambucicola</i> . <i>General and Comparative Endocrinology</i> , 2015, 223, 38-46.	0.8	18
1027	A century later: rediscovery, culturing and phylogenetic analysis of <i>Diploria rosea</i> , a rare onygenalean hyphomycete. <i>Antonie Van Leeuwenhoek</i> , 2015, 108, 1023-1035.	0.7	14
1028	Phylogenetic analysis of HIV sub-epidemics in Mochudi, Botswana. <i>Epidemics</i> , 2015, 13, 44-55.	1.5	22
1029	A comprehensive mapping of the structure and gene organisation in the sheep MHC class I region. <i>BMC Genomics</i> , 2015, 16, 810.	1.2	6
1030	Molecular and functional evolution of the fungal diterpene synthase genes. <i>BMC Microbiology</i> , 2015, 15, 221.	1.3	17
1031	Genetic interrelationships of North American populations of giant liver fluke <i>Fascioloides magna</i> . <i>Parasites and Vectors</i> , 2015, 8, 288.	1.0	13
1032	<i>Drosophila</i> innate immunity: regional and functional specialization of prophenoloxidasases. <i>BMC Biology</i> , 2015, 13, 81.	1.7	146

#	ARTICLE	IF	CITATIONS
1033	Harorepupu aotearoa (<i>Onygenales</i>) gen. sp. nov.; a threatened fungus from shells of <i>Powelliphanta</i> and <i>Paryphanta</i> snails (<i>Rhytididae</i>). <i>IMA Fungus</i> , 2015, 6, 135-143.	1.7	3
1034	Widespread intra-specific genetic homogeneity of coastal Antarctic benthic foraminifera. <i>Polar Biology</i> , 2015, 38, 2047-2058.	0.5	11
1035	ERK1 and ERK2 present functional redundancy in tetrapods despite higher evolution rate of ERK1. <i>BMC Evolutionary Biology</i> , 2015, 15, 179.	3.2	46
1036	The infrageneric taxonomy of <i>Chaerophyllum</i> (<i>Apiaceae</i>) revisited: new evidence from nuclear ribosomal DNA ITS sequences and fruit anatomy. <i>Botanical Journal of the Linnean Society</i> , 2015, 178, 298-313.	0.8	12
1037	Abundance, diversity and geographic distribution of cassava mosaic disease pandemic-associated <i>Bemisia tabaci</i> in Tanzania. <i>Journal of Applied Entomology</i> , 2015, 139, 627-637.	0.8	30
1038	MIA: Mutual Information Analyzer, a graphic user interface program that calculates entropy, vertical and horizontal mutual information of molecular sequence sets. <i>BMC Bioinformatics</i> , 2015, 16, 409.	1.2	6
1039	De novo sequencing and analysis of <i>Lophophora williamsii</i> transcriptome, and searching for putative genes involved in mescaline biosynthesis. <i>BMC Genomics</i> , 2015, 16, 657.	1.2	17
1040	Genome-wide survey of two-component signal transduction systems in the plant growth-promoting bacterium <i>Azospirillum</i> . <i>BMC Genomics</i> , 2015, 16, 833.	1.2	13
1041	Transcriptomic profiling of host-parasite interactions in the microsporidian <i>Trachipleistophora hominis</i> . <i>BMC Genomics</i> , 2015, 16, 983.	1.2	30
1042	Recombination elevates the effective evolutionary rate and facilitates the establishment of HIV-1 infection in infants after mother-to-child transmission. <i>Retrovirology</i> , 2015, 12, 96.	0.9	6
1043	Russulaceae Associated with Mycoheterotroph <i>Monotropa uniflora</i> (<i>Ericaceae</i>) in Tlaxcala, Mexico: A Phylogenetic Approach. <i>Cryptogamie, Mycologie</i> , 2015, 36, 479-512.	0.2	16
1044	Not all are free-living: high-throughput <i>DNA</i> metabarcoding reveals a diverse community of protists parasitizing soil metazoa. <i>Molecular Ecology</i> , 2015, 24, 4556-4569.	2.0	116
1045	The evolution of bat nucleic acid-sensing Toll-like receptors. <i>Molecular Ecology</i> , 2015, 24, 5899-5909.	2.0	43
1046	Taxonomic revision of oil-producing green algae, <i>Chlorococcum oleofaciens</i> (<i>Volvocales</i>), Tj ETQq1 1 0.784314 rgBT/Overlook	1.0	26
1047	Taxonomy, morphology, and genetic variation of <i>Nitella flexilis</i> var. <i>bifurcata</i> (<i>Charales</i> , <i>Characeae</i>) from Japan. <i>Phycological Research</i> , 2015, 63, 159-166.	0.8	2
1048	PFR ² : a curated database of planktonic foraminifera 18S ribosomal <i>DNA</i> as a resource for studies of plankton ecology, biogeography and evolution. <i>Molecular Ecology Resources</i> , 2015, 15, 1472-1485.	2.2	55
1049	PhytoREF: a reference database of the plastidial 16S <i>rRNA</i> gene of photosynthetic eukaryotes with curated taxonomy. <i>Molecular Ecology Resources</i> , 2015, 15, 1435-1445.	2.2	198
1050	Simultaneous depletion of <i>Atm</i> and <i>Mdl</i> rebalances cytosolic <i>Fe-S</i> cluster assembly but not heme import into the mitochondrion of <i>Trypanosoma brucei</i> . <i>FEBS Journal</i> , 2015, 282, 4157-4175.	2.2	15

#	ARTICLE	IF	CITATIONS
1051	Impact of paleoclimate on the distribution of microbial communities in the subsurface sediment of the Dead Sea. <i>Geobiology</i> , 2015, 13, 546-561.	1.1	15
1052	<i>Cochliopodium arabianum</i> n. sp. (Amorphea, Amoebozoa). <i>Journal of Eukaryotic Microbiology</i> , 2015, 62, 623-628.	0.8	9
1053	Phylogeographic inference using Bayesian model comparison across a fragmented chorus frog species complex. <i>Molecular Ecology</i> , 2015, 24, 4739-4758.	2.0	22
1054	Influence of the larval phase on connectivity: strong differences in the genetic structure of brooders and broadcasters in the <i>Ophioderma longicauda</i> species complex. <i>Molecular Ecology</i> , 2015, 24, 6080-6094.	2.0	26
1055	Genetic and Physical Interaction Studies Reveal Functional Similarities between ALBINO3 and ALBINO4 in <i>Arabidopsis</i> Å. <i>Plant Physiology</i> , 2015, 169, 1292-1306.	2.3	17
1056	<i>Phymatolithon lusitanicum</i> sp. nov. (Hapalidiales, Rhodophyta): The Third Most Abundant Maerl-Forming Species in the Atlantic Iberian Peninsula. <i>Cryptogamie, Algologie</i> , 2015, 36, 429-459.	0.3	44
1057	Some "answers": Application of a layered barcode approach to problems in ant taxonomy. <i>Molecular Ecology Resources</i> , 2015, 15, 1262-1274.	2.2	10
1058	The diversity of algal phospholipase D homologs revealed by biocomputational analysis. <i>Journal of Phycology</i> , 2015, 51, 943-962.	1.0	13
1059	Genomic analysis of a nontoxigenic, invasive <i>Corynebacterium diphtheriae</i> strain from Brazil. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2015, 110, 817-819.	0.8	3
1060	Phylum Level Change in the Cecal and Fecal Gut Communities of Rats Fed Diets Containing Different Fermentable Substrates Supports a Role for Nitrogen as a Factor Contributing to Community Structure. <i>Nutrients</i> , 2015, 7, 3279-3299.	1.7	13
1061	Phyllosphere and Carposphere Bacterial Communities in Olive Plants Subjected to Different Cultural Practices. <i>International Journal of Plant Biology</i> , 2015, 6, 6011.	1.1	26
1062	Identification of a Candidate Gene in <i>Solanum habrochaites</i> for Resistance to a Race 1 Strain of <i>Pseudomonas syringae</i> pv. <i>tomato</i> . <i>Plant Genome</i> , 2015, 8, eplantgenome2015.02.0006.	1.6	12
1063	Overview on Sobemoviruses and a Proposal for the Creation of the Family Sobemoviridae. <i>Viruses</i> , 2015, 7, 3076-3115.	1.5	93
1064	Genetic Diversity and Selective Pressure in Hepatitis C Virus Genotypes 1-6: Significance for Direct-Acting Antiviral Treatment and Drug Resistance. <i>Viruses</i> , 2015, 7, 5018-5039.	1.5	59
1065	Complete Genome and Phylogeny of Puumala Hantavirus Isolates Circulating in France. <i>Viruses</i> , 2015, 7, 5476-5488.	1.5	27
1066	Molecular Detection and Characterization of <i>Theileria</i> Infecting Wildebeest (<i>Connochaetes taurinus</i>) in the Maasai Mara National Reserve, Kenya. <i>Pathogens</i> , 2015, 4, 626-638.	1.2	7
1067	The evolution and expression of panarthropod frizzled genes. <i>Frontiers in Ecology and Evolution</i> , 2015, 3, .	1.1	20
1068	Rapidly diverging evolution of an atypical alkaline phosphatase (PhoA _{ty}) in marine phytoplankton: insights from dinoflagellate alkaline phosphatases. <i>Frontiers in Microbiology</i> , 2015, 6, 868.	1.5	46

#	ARTICLE	IF	CITATIONS
1069	Whole genome resequencing of <i>Botrytis cinerea</i> isolates identifies high levels of standing diversity. <i>Frontiers in Microbiology</i> , 2015, 6, 996.	1.5	42
1070	Lassa virus isolates from Mali and the Ivory Coast represent an emerging fifth lineage. <i>Frontiers in Microbiology</i> , 2015, 6, 1037.	1.5	77
1071	On the Ancestral UDP-Glucose Pyrophosphorylase Activity of GalF from <i>Escherichia coli</i> . <i>Frontiers in Microbiology</i> , 2015, 6, 1253.	1.5	12
1072	MixtureTree Annotator: A Program for Automatic Colorization and Visual Annotation of MixtureTree. <i>PLoS ONE</i> , 2015, 10, e0118893.	1.1	7
1073	T346Hunter: A Novel Web-Based Tool for the Prediction of Type III, Type IV and Type VI Secretion Systems in Bacterial Genomes. <i>PLoS ONE</i> , 2015, 10, e0119317.	1.1	93
1074	Characterization of the Avian Trojan Gene Family Reveals Contrasting Evolutionary Constraints. <i>PLoS ONE</i> , 2015, 10, e0121672.	1.1	3
1075	Molecular Barcoding of Aquatic Oligochaetes: Implications for Biomonitoring. <i>PLoS ONE</i> , 2015, 10, e0125485.	1.1	47
1076	A Taxonomic Revision of the <i>Walleimia sebi</i> Species Complex. <i>PLoS ONE</i> , 2015, 10, e0125933.	1.1	50
1077	Diversity in a Cold Hot-Spot: DNA-Barcoding Reveals Patterns of Evolution among Antarctic Demosponges (Class Demospongiae, Phylum Porifera). <i>PLoS ONE</i> , 2015, 10, e0127573.	1.1	20
1078	Comparative Phylogenetic Studies on <i>Schistosoma japonicum</i> and Its Snail Intermediate Host <i>Oncomelania hupensis</i> : Origins, Dispersal and Coevolution. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003935.	1.3	31
1079	Whole Genome Sequencing of Field Isolates Reveals Extensive Genetic Diversity in <i>Plasmodium vivax</i> from Colombia. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0004252.	1.3	49
1080	Selection of Orthologous Genes for Construction of a Highly Resolved Phylogenetic Tree and Clarification of the Phylogeny of Trichosporonales Species. <i>PLoS ONE</i> , 2015, 10, e0131217.	1.1	15
1081	First Description of a New Disease in Rainbow Trout (<i>Oncorhynchus mykiss</i> (Walbaum)) Similar to Heart and Skeletal Muscle Inflammation (HSMI) and Detection of a Gene Sequence Related to Piscine Orthoreovirus (PRV). <i>PLoS ONE</i> , 2015, 10, e0131638.	1.1	69
1082	Novel Phosphatidylinositol 4,5-Bisphosphate Binding Sites on Focal Adhesion Kinase. <i>PLoS ONE</i> , 2015, 10, e0132833.	1.1	17
1083	Candidatus <i>Neoehrlichia mikurensis</i> in Ticks from Migrating Birds in Sweden. <i>PLoS ONE</i> , 2015, 10, e0133250.	1.1	27
1084	Amelotin Gene Structure and Expression during Enamel Formation in the Opossum <i>Monodelphis domestica</i> . <i>PLoS ONE</i> , 2015, 10, e0133314.	1.1	11
1085	Diversification of the Genus <i>Anopheles</i> and a Neotropical Clade from the Late Cretaceous. <i>PLoS ONE</i> , 2015, 10, e0134462.	1.1	29
1086	Degradation of Human PDZ-Proteins by Human Alphapapillomaviruses Represents an Evolutionary Adaptation to a Novel Cellular Niche. <i>PLoS Pathogens</i> , 2015, 11, e1004980.	2.1	20

#	ARTICLE	IF	CITATIONS
1087	Cross-Species Transmission and Differential Fate of an Endogenous Retrovirus in Three Mammal Lineages. <i>PLoS Pathogens</i> , 2015, 11, e1005279.	2.1	45
1088	Description and phylogeny of a new prostomatid, <i>Metacystis similis</i> nov. spec. (Protista, Ciliophora) from the East China Sea. <i>Zootaxa</i> , 2015, 4033, 584-92.	0.2	3
1089	<i>Laimaphelenchus hyrcanus</i> n. sp. (Nematoda: Aphelenchoididae), a new species from northern Iran. <i>Zootaxa</i> , 2015, 3915, 591-600.	0.2	16
1090	Chikungunya Virus as Cause of Febrile Illness Outbreak, Chiapas, Mexico, 2014. <i>Emerging Infectious Diseases</i> , 2015, 21, 2070-2073.	2.0	44
1091	The systematic status of <i>Gonocephalus</i> and <i>Gonocephalus robinsonii</i> Boulenger, 1908 (Squamata: Agamidae). <i>Tj ETQq0 02rgBT /Qverlock 10</i>	0.2	10
1092	<i>Flexamina islandica</i> gen. nov. sp. nov. and some new phylotypes of monothalamous foraminifera from the coast of Iceland. <i>Zootaxa</i> , 2015, 3964, 245-59.	0.2	17
1093	Chromerid genomes reveal the evolutionary path from photosynthetic algae to obligate intracellular parasites. <i>ELife</i> , 2015, 4, e06974.	2.8	198
1094	Antimicrobial Susceptibility of Canadian Isolates of <i>Helicobacter pylori</i> in Northeastern Ontario. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2015, 26, 137-144.	0.7	13
1095	Evolutionary Analysis of Genes for S-RNase-based Self-incompatibility Reveals <i>S</i> Locus Duplications in the Ancestral Rosaceae. <i>Horticulture Journal</i> , 2015, 84, 233-242.	0.3	24
1096	Towards understanding the diversity of banana bunchy top virus in the Great Lakes region of Africa. <i>African Journal of Agricultural Research Vol Pp</i> , 2015, 10, 702-709.	0.2	3
1097	Crystal structure of VmoLac, a tentative quorum quenching lactonase from the extremophilic crenarchaeon <i>Vulcanisaeta moutnovskia</i> . <i>Scientific Reports</i> , 2015, 5, 8372.	1.6	44
1098	Population genetics of <i>Cerastoderma edule</i> in Ria Formosa (southern Portugal): the challenge of understanding an intraspecific hotspot of genetic diversity. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2015, 95, 371-379.	0.4	3
1099	Comparative Analysis of Transposable Elements Highlights Mobilome Diversity and Evolution in Vertebrates. <i>Genome Biology and Evolution</i> , 2015, 7, 567-580.	1.1	302
1100	The Crystal Structure of <i>Nitrosomonas europaea</i> Sucrose Synthase Reveals Critical Conformational Changes and Insights into Sucrose Metabolism in Prokaryotes. <i>Journal of Bacteriology</i> , 2015, 197, 2734-2746.	1.0	23
1101	Four decades of transmission of a multidrug-resistant <i>Mycobacterium tuberculosis</i> outbreak strain. <i>Nature Communications</i> , 2015, 6, 7119.	5.8	170
1102	Eye-independent, light-activated chromatophore expansion (LACE) and expression of phototransduction genes in the skin of <i>Octopus bimaculoides</i> . <i>Journal of Experimental Biology</i> , 2015, 218, 1513-1520.	0.8	90
1103	<i>Arabidopsis</i> Squalene Epoxidase 3 (SQE3) Complements SQE1 and Is Important for Embryo Development and Bulk Squalene Epoxidase Activity. <i>Molecular Plant</i> , 2015, 8, 1090-1102.	3.9	59
1104	Environmental Monitoring: Inferring the Diatom Index from Next-Generation Sequencing Data. <i>Environmental Science & Technology</i> , 2015, 49, 7597-7605.	4.6	168

#	ARTICLE	IF	CITATIONS
1105	A New Species of <i>Stenogramma</i> was Uncovered Indian Ocean during the Expedition Atimo Vatae: <i>Stenogramma lamyi</i> sp. nov.. <i>Cryptogamie, Algologie</i> , 2015, 36, 189-198.	0.3	7
1106	Adenovirus in Rural Cote D'Ivoire: High Diversity and Cross-Species Detection. <i>EcoHealth</i> , 2015, 12, 441-452.	0.9	16
1107	Raphidascaris (<i>Raphidascaris</i>) macrouri n. sp. (Nematoda: Anisakidae) from two deep-sea macrourid fishes in the Western Mediterranean: Morphological and molecular characterisations. <i>Parasitology International</i> , 2015, 64, 345-352.	0.6	9
1108	Bioinformatics and Biomedical Engineering. <i>Lecture Notes in Computer Science</i> , 2015, , .	1.0	3
1109	Evolution of V genes from the TRV loci of mammals. <i>Immunogenetics</i> , 2015, 67, 371-384.	1.2	7
1110	Identification and expression of an atypical isoform of metallothionein in the African clawed frog <i>Xenopus laevis</i> . <i>Comptes Rendus - Biologies</i> , 2015, 338, 314-320.	0.1	3
1111	Expression of insect β -like nicotinic acetylcholine receptors in <i>Drosophila melanogaster</i> highlights a high level of conservation of the receptor:spinosyn interaction. <i>Insect Biochemistry and Molecular Biology</i> , 2015, 64, 106-115.	1.2	36
1112	Lectotypification, epitypification, and molecular phylogeny of the synnematosous hyphomycete <i>Pseudogliophragma indicum</i> , the second genus in the <i>Wiesneriomycetaceae</i> . <i>Mycoscience</i> , 2015, 56, 387-395.	0.3	13
1113	Phylogeny of <i>Sesuvioideae</i> (Aizoaceae) – Biogeography, leaf anatomy and the evolution of C4 photosynthesis. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2015, 17, 116-130.	1.1	37
1114	Towards an Integrative Morpho-molecular Classification of the Collodaria (Polycystinea, Radiolaria). <i>Protist</i> , 2015, 166, 374-388.	0.6	49
1115	Identification and in silico Analysis of NADPH Oxidase Homologues Involved in Allergy from an Olive Pollen Transcriptome. <i>Lecture Notes in Computer Science</i> , 2015, , 450-459.	1.0	1
1116	Studies in the genus <i>Glutinoglossum</i> . <i>Mycologia</i> , 2015, 107, 647-657.	0.8	10
1117	Non-homologous functions of the AlkB homologs. <i>Journal of Molecular Cell Biology</i> , 2015, 7, 494-504.	1.5	52
1118	Evidence for the involvement of gamma delta T cells in the immune response in Rasmussen encephalitis. <i>Journal of Neuroinflammation</i> , 2015, 12, 134.	3.1	38
1119	Molecular annotation of type specimens of <i>Russula</i> species described by W.A. Murrill from the southeast United States. <i>Mycotaxon</i> , 2015, 129, 255-268.	0.1	16
1120	leBIBIQBPP: a set of databases and a webtool for automatic phylogenetic analysis of prokaryotic sequences. <i>BMC Bioinformatics</i> , 2015, 16, 251.	1.2	52
1121	OD-seq: outlier detection in multiple sequence alignments. <i>BMC Bioinformatics</i> , 2015, 16, 269.	1.2	42
1122	Deep sequencing of the Mexican avocado transcriptome, an ancient angiosperm with a high content of fatty acids. <i>BMC Genomics</i> , 2015, 16, 599.	1.2	69

#	ARTICLE	IF	CITATIONS
1123	Comparative Genomics Reveals Chd1 as a Determinant of Nucleosome Spacing <i>in Vivo</i> . <i>G3: Genes, Genomes, Genetics</i> , 2015, 5, 1889-1897.	0.8	17
1124	Alternative splicing and co-option of transposable elements: the case of TMPO/LAP2 [±] and ZNF451 in mammals. <i>Bioinformatics</i> , 2015, 31, 2257-2261.	1.8	33
1125	Evolution of the Translocation and Assembly Module (TAM). <i>Genome Biology and Evolution</i> , 2015, 7, 1628-1643.	1.1	62
1126	Auxin Produced by the Indole-3-Pyruvic Acid Pathway Regulates Development and Gemmae Dormancy in the Liverwort <i>Marchantia polymorpha</i> . <i>Plant Cell</i> , 2015, 27, 1650-1669.	3.1	138
1127	Intrahost Dynamics of Antiviral Resistance in Influenza A Virus Reflect Complex Patterns of Segment Linkage, Reassortment, and Natural Selection. <i>MBio</i> , 2015, 6, .	1.8	58
1128	Comparative expression of the four enamel matrix protein genes, amelogenin, ameloblastin, enamelin and amelotin during amelogenesis in the lizard <i>Anolis carolinensis</i> . <i>EvoDevo</i> , 2015, 6, 29.	1.3	10
1129	<i>Candida glabrata</i> : new tools and technologies “expanding the toolkit. <i>FEMS Yeast Research</i> , 2015, 15, fov066.	1.1	28
1130	Sexually dimorphic gene expression in the lateral eyes of <i>Euphilomedes carcharodonta</i> (Ostracoda). <i>Tj ETQq1 1 0.784314 rgBT /Overload</i>	1.3	4
1131	A rapidly progressing, deadly disease of <i>Actias selene</i> (Indian moon moth) larvae associated with a mixed bacterial and baculoviral infection. <i>Journal of Biosciences</i> , 2015, 40, 487-495.	0.5	3
1132	Mitochondrial genome variability in the wolverine (<i>Gulo gulo</i>). <i>Russian Journal of Genetics</i> , 2015, 51, 1113-1118.	0.2	7
1133	Finding a Missing Gene: <i>EFG1</i> Regulates Morphogenesis in <i>Candida tropicalis</i> . <i>G3: Genes, Genomes, Genetics</i> , 2015, 5, 849-856.	0.8	40
1134	First isolation of a rhabdovirus from perch <i>Perca fluviatilis</i> in Switzerland. <i>Diseases of Aquatic Organisms</i> , 2015, 116, 93-101.	0.5	11
1135	The transcriptome recipe for the venom cocktail of <i>Tityus bahiensis</i> scorpion. <i>Toxicon</i> , 2015, 95, 52-61.	0.8	61
1136	Phylogenetic analyses and nitrate-reducing activity of fungal cultures isolated from the permanent, oceanic oxygen minimum zone of the Arabian Sea. <i>Canadian Journal of Microbiology</i> , 2015, 61, 217-226.	0.8	14
1137	Patterns of diversification in small New World ground doves are consistent with major geologic events. <i>Auk</i> , 2015, 132, 300-312.	0.7	19
1138	<i>In</i> <i>planta</i> sporulation phenotype: a major life history trait to understand the evolution of <i>Aspergillus</i> strains. <i>Environmental Microbiology</i> , 2015, 17, 3125-3138.	1.8	28
1139	RELAX: Detecting Relaxed Selection in a Phylogenetic Framework. <i>Molecular Biology and Evolution</i> , 2015, 32, 820-832.	3.5	535
1140	TRP channel-associated factors are a novel protein family that regulates TRPM8 trafficking and activity. <i>Journal of Cell Biology</i> , 2015, 208, 89-107.	2.3	79

#	ARTICLE	IF	CITATIONS
1141	African swine fever virus CD2v and C-type lectin gene loci mediate serological specificity. <i>Journal of General Virology</i> , 2015, 96, 866-873.	1.3	79
1142	Uncovering Intense Protein Diversification in a Cone Snail Venom Gland Using an Integrative Venomics Approach. <i>Journal of Proteome Research</i> , 2015, 14, 628-638.	1.8	15
1143	Fusarium diversity in soil using a specific molecular approach and a cultural approach. <i>Journal of Microbiological Methods</i> , 2015, 111, 64-71.	0.7	46
1144	Starvation-response may not involve Atg1-dependent autophagy induction in non-unikont parasites. <i>Scientific Reports</i> , 2014, 4, 5829.	1.6	18
1145	Tracing the evolutionary history of the mole, <i>Talpa europaea</i> , through mitochondrial DNA phylogeography and species distribution modelling. <i>Biological Journal of the Linnean Society</i> , 2015, 114, 495-512.	0.7	26
1146	Taxogenomics of the order Chlamydiales. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 1381-1393.	0.8	61
1147	Phylogenomic characterization of California sea lion adenovirus-1. <i>Infection, Genetics and Evolution</i> , 2015, 31, 270-276.	1.0	16
1148	MR (Mre11-Rad50) complex in <i>Giardia duodenalis</i> : In vitro characterization and its response upon DNA damage. <i>Biochimie</i> , 2015, 111, 45-57.	1.3	7
1149	Genetic connectivity and phenotypic plasticity in the cyprinodont <i>Aphanius farsicus</i> from the Maharlou Basin, southwestern Iran. <i>Journal of Fish Biology</i> , 2015, 86, 882-906.	0.7	20
1150	<i>Bipteria vetusta</i> n. sp. – an old parasite in an old host: tracing the origin of myxosporean parasitism in vertebrates. <i>International Journal for Parasitology</i> , 2015, 45, 269-276.	1.3	27
1151	Phylogenetic identification of methanogens assimilating acetate-derived carbon in dairy and swine manures. <i>Systematic and Applied Microbiology</i> , 2015, 38, 56-66.	1.2	8
1152	<i>Orientia tsutsugamushi</i> , agent of scrub typhus, displays a single metapopulation with maintenance of ancestral haplotypes throughout continental South East Asia. <i>Infection, Genetics and Evolution</i> , 2015, 31, 1-8.	1.0	17
1153	Botulinum neurotoxin homologs in non- <i>Clostridium</i> species. <i>FEBS Letters</i> , 2015, 589, 342-348.	1.3	85
1154	Characterization of the <i>Macropodus opercularis</i> complete mitochondrial genome and family Channidae taxonomy using Illumina-based de novo transcriptome sequencing. <i>Gene</i> , 2015, 559, 189-195.	1.0	24
1155	<i>Tubulinoosema pampeana</i> sp. n. (Microsporidia, Tubulinoosematidae), a pathogen of the South American bumble bee <i>Bombus atratus</i> . <i>Journal of Invertebrate Pathology</i> , 2015, 126, 31-42.	1.5	18
1156	R2-like Gene Contributes to Resistance to <i>Phytophthora infestans</i> in Polish Potato Cultivar Bzura. <i>American Journal of Potato Research</i> , 2015, 92, 350-358.	0.5	23
1157	Biogeography of Heterotrophic Flagellate Populations Indicates the Presence of Generalist and Specialist Taxa in the Arctic Ocean. <i>Applied and Environmental Microbiology</i> , 2015, 81, 2137-2148.	1.4	38
1158	<i>Cetia pacifica</i> gen. nov., sp. nov., a chemolithoautotrophic, thermophilic, nitrate-ammonifying bacterium from a deep-sea hydrothermal vent. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 1144-1150.	0.8	31

#	ARTICLE	IF	CITATIONS
1159	Bat and pig IFN-induced transmembrane protein 3 restrict cell entry by influenza virus and lyssaviruses. <i>Journal of General Virology</i> , 2015, 96, 991-1005.	1.3	21
1160	Microbial diversity observed during hemp retting. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 4471-4484.	1.7	65
1161	An integrative systematic approach to species diversity and distribution in the genus <i>Mesophyllum</i> (Corallinales, Rhodophyta) in Atlantic and Mediterranean Europe. <i>European Journal of Phycology</i> , 2015, 50, 20-36.	0.9	51
1162	Extending the Conserved Phylogenetic Core of Archaea Disentangles the Evolution of the Third Domain of Life. <i>Molecular Biology and Evolution</i> , 2015, 32, 1242-1254.	3.5	59
1163	Phylogenetic analysis of cultivation-resistant terrestrial cyanobacteria with massive sheaths (<i>Stigonema</i> spp. and <i>Petalonema alatum</i>), Nostocales, Cyanobacteria) using single-cell and filament sequencing of environmental samples. <i>Journal of Phycology</i> , 2015, 51, 288-297.	1.0	44
1164	Characterization of a virulent dog-originated rabies virus affecting more than twenty fallow deer (<i>Dama dama</i>) in Inner Mongolia, China. <i>Infection, Genetics and Evolution</i> , 2015, 31, 127-134.	1.0	19
1165	Novel basal, fungal lineages from freshwater phytoplankton and lake samples. <i>Environmental Microbiology Reports</i> , 2015, 7, 435-441.	1.0	72
1166	Late Pleistocene Australian Marsupial DNA Clarifies the Affinities of Extinct Megafaunal Kangaroos and Wallabies. <i>Molecular Biology and Evolution</i> , 2015, 32, 574-584.	3.5	29
1167	<i>Streptomyces lactacystinicus</i> sp. nov. and <i>Streptomyces cyslabdanicus</i> sp. nov., producing lactacystin and cyslabdan, respectively. <i>Journal of Antibiotics</i> , 2015, 68, 322-327.	1.0	37
1168	An evolutionary perspective on selecting high-lipid-content diatoms (Bacillariophyta). <i>Journal of Applied Phycology</i> , 2015, 27, 2209-2220.	1.5	19
1169	Diversity of symbiotic bacteria associated with <i>Bemisia tabaci</i> (Homoptera: Aleyrodidae) in cassava mosaic disease pandemic areas of Tanzania. <i>Annals of Applied Biology</i> , 2015, 166, 297-310.	1.3	25
1170	Evolutionary relationships of iridoviruses and divergence of ascoviruses from invertebrate iridoviruses in the superfamily Megavirales. <i>Molecular Phylogenetics and Evolution</i> , 2015, 84, 44-52.	1.2	30
1171	The Same or Not the Same: Lineage-Specific Gene Expansions and Homology Relationships in Multigene Families in Nematodes. <i>Journal of Molecular Evolution</i> , 2015, 80, 18-36.	0.8	23
1172	Long-term nitrogen addition causes the evolution of less-cooperative mutualists. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 631-642.	1.1	179
1173	Description and phylogenetic position of <i>Amphora aliformis</i> (Bacillariophyta), a new species from Tokyo Bay. <i>Phycologia</i> , 2015, 54, 78-86.	0.6	4
1174	V genes in primates from whole genome sequencing data. <i>Immunogenetics</i> , 2015, 67, 211-228.	1.2	8
1175	Genome-wide identification and analysis of basic helix-loop-helix domains in dog, <i>Canis lupus familiaris</i> . <i>Molecular Genetics and Genomics</i> , 2015, 290, 633-648.	1.0	6
1176	Two new species, <i>Phytopythium iriomotense</i> sp. nov. and <i>P. aichiense</i> sp. nov., isolated from river water and water purification sludge in Japan. <i>Mycological Progress</i> , 2015, 14, 1.	0.5	9

#	ARTICLE	IF	CITATIONS
1177	Helical Shape of <i>Helicobacter pylori</i> Requires an Atypical Glutamine as a Zinc Ligand in the Carboxypeptidase Csd4. <i>Journal of Biological Chemistry</i> , 2015, 290, 3622-3638.	1.6	17
1178	Multi-gene phylogenetic analyses of New Zealand coralline algae: <i>Corallinapetra Novaezelandiae</i> gen. et sp. nov. and recognition of the Hapalidiales ord. nov.. <i>Journal of Phycology</i> , 2015, 51, 454-468.	1.0	90
1179	Diversity within the genus <i>Elymus</i> (Poaceae: Triticeae) as investigated by the analysis of the nr5S rDNA variation in species with St and H haplotypes. <i>Molecular Genetics and Genomics</i> , 2015, 290, 329-342.	1.0	4
1180	Expression of heterologous xyloglucan xylosyltransferases in <i>Arabidopsis</i> to investigate their role in determining xyloglucan xylosylation substitution patterns. <i>Planta</i> , 2015, 241, 1145-1158.	1.6	11
1181	Fitness impacts of tapeworm parasitism on wild gelada monkeys at Guassa, Ethiopia. <i>American Journal of Primatology</i> , 2015, 77, 579-594.	0.8	23
1182	How does molecular-assisted identification affect our estimation of $\hat{\lambda}$, $\hat{\lambda}^2$ and $\hat{\lambda}^3$ biodiversity? An example from understory red seaweeds (Rhodophyta) of Laminaria kelp forests in Brittany, France. <i>Genetica</i> , 2015, 143, 207-223.	0.5	8
1183	Two strictly polyphosphate-dependent gluco(manno)kinases from diazotrophic Cyanobacteria with potential to phosphorylate hexoses from polyphosphates. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 3887-3900.	1.7	21
1184	A Novel Endogenous Betaretrovirus in the Common Vampire Bat (<i>Desmodus rotundus</i>) Suggests Multiple Independent Infection and Cross-Species Transmission Events. <i>Journal of Virology</i> , 2015, 89, 5180-5184.	1.5	32
1185	Higher phylogeny of frugivorous flies (Diptera, Tephritidae, Dacini): Localised partition conflicts and a novel generic classification. <i>Molecular Phylogenetics and Evolution</i> , 2015, 85, 171-179.	1.2	104
1186	Diversity and distribution of unicellular opisthokonts along the European coast analysed using high-throughput sequencing. <i>Environmental Microbiology</i> , 2015, 17, 3195-3207.	1.8	52
1187	Origin and Evolution of Water Oxidation before the Last Common Ancestor of the Cyanobacteria. <i>Molecular Biology and Evolution</i> , 2015, 32, 1310-1328.	3.5	96
1188	Brittle stars from the Saint Peter and Saint Paul Archipelago: morphological and molecular data. <i>Marine Biodiversity Records</i> , 2015, 8, .	1.2	5
1189	Two Novel Species of <i>Yonagunia</i> (Halymeniales, Rhodophyta) were Uncovered in the South of Madagascar during the Atimo-Vatae Expedition. <i>Cryptogamie, Algologie</i> , 2015, 36, 199-217.	0.3	12
1190	Clustering of Two Genes Putatively Involved in Cyanate Detoxification Evolved Recently and Independently in Multiple Fungal Lineages. <i>Genome Biology and Evolution</i> , 2015, 7, 789-800.	1.1	32
1191	Ectomycorrhizal fungal communities coinvasive with <i>Pinaceae</i> host plants in Argentina: <i>Geringos</i> bajo el bosque. <i>New Phytologist</i> , 2015, 208, 497-506.	3.5	72
1192	Morphological and Phylogenetic Characterization of New <i>Gephyrocapsa</i> Isolates Suggests Introgressive Hybridization in the <i>Emiliana/Gephyrocapsa</i> Complex (Haptophyta). <i>Protist</i> , 2015, 166, 323-336.	0.6	18
1193	<i>Cunea</i> n. g. (Amoebozoa, Dactylopodida) with two cryptic species isolated from different areas of the ocean. <i>European Journal of Protistology</i> , 2015, 51, 197-209.	0.5	26
1194	Genetic diversity of human rhinoviruses in Cambodia during a three-year period reveals novel genetic types. <i>Infection, Genetics and Evolution</i> , 2015, 35, 42-49.	1.0	8

#	ARTICLE	IF	CITATIONS
1195	Computer Scientists at the Biology Lab Bench. , 2015, , .		7
1196	Gut microbiota mediate caffeine detoxification in the primary insect pest of coffee. <i>Nature Communications</i> , 2015, 6, 7618.	5.8	361
1197	An unusual mitochondrial genome structure of the tonguefish, <i>Cynoglossus trigrammus</i> : Control region translocation and a long additional non-coding region inversion. <i>Gene</i> , 2015, 573, 216-224.	1.0	12
1198	Assembly and variation analyses of <i>Clarias batrachus</i> mitogenome retrieved from WGS data and its phylogenetic relationship with other catfishes. <i>Meta Gene</i> , 2015, 5, 105-114.	0.3	9
1199	Marine Isolates of <i>Trimastix marina</i> Form a Plesiomorphic Deep-branching Lineage within <i>Preaxostyla</i> , Separate from Other Known <i>Trimastigids</i> (<i>Paratrimastix</i> n. gen.). <i>Protist</i> , 2015, 166, 468-491.	0.6	25
1200	Implication for the regulation of catabolism drawn from the single insulin-like growth factor binding domain protein (SIBD) gene in the mud crab, <i>Scylla paramamosain</i> . <i>General and Comparative Endocrinology</i> , 2015, 216, 24-32.	0.8	7
1201	Albanian violets of the section <i>Melanium</i> , their morphological variability, genetic similarity and their adaptations to serpentine or chalk soils. <i>Journal of Plant Physiology</i> , 2015, 174, 110-123.	1.6	19
1202	Heterogeneity in the genus <i>Allovahlkampfia</i> and the description of the new genus <i>Parafumarolamoeba</i> (<i>Vahlkampfiidae</i> ; <i>Heterolobosea</i>). <i>European Journal of Protistology</i> , 2015, 51, 335-349.	0.5	14
1203	Analysis of 51 cyclodipeptide synthases reveals the basis for substrate specificity. <i>Nature Chemical Biology</i> , 2015, 11, 721-727.	3.9	70
1204	The ant <i>Anochetus ghiliani</i> (Hymenoptera, Formicidae), not a Tertiary relict, but an Iberian introduction from North Africa: Evidence from mtDNA analyses. <i>Systematics and Biodiversity</i> , 2015, 13, 545-554.	0.5	3
1205	Genetic diversity in the feline leukemia virus gag gene. <i>Virus Research</i> , 2015, 204, 74-81.	1.1	9
1206	Detection of different South American hantaviruses. <i>Virus Research</i> , 2015, 210, 106-113.	1.1	19
1207	Phylogenetic framework of the systematically confused <i>Anteholosticha</i> – <i>Holosticha</i> complex (Ciliophora, Hypotrichia) based on multigene analysis. <i>Molecular Phylogenetics and Evolution</i> , 2015, 91, 238-247.	1.2	45
1208	Targeting HIV Prevention Based on Molecular Epidemiology Among Deeply Sampled Subnetworks of Men Who Have Sex With Men. <i>Clinical Infectious Diseases</i> , 2015, 61, 1462-1468.	2.9	53
1209	Phylogenetic Diversity of Sponge-Associated Fungi from the Caribbean and the Pacific of Panama and Their In Vitro Effect on Angiotensin and Endothelin Receptors. <i>Marine Biotechnology</i> , 2015, 17, 533-564.	1.1	19
1210	The power of next-generation sequencing as illustrated by the neuropeptidome of the crayfish <i>Procambarus clarkii</i> . <i>General and Comparative Endocrinology</i> , 2015, 224, 84-95.	0.8	111
1211	Ancestral AlaX Editing Enzymes for Control of Genetic Code Fidelity Are Not tRNA-specific. <i>Journal of Biological Chemistry</i> , 2015, 290, 10495-10503.	1.6	16
1212	The Secreted Proteins of <i>Achlya hypogyna</i> and <i>Thraustotheca clavata</i> Identify the Ancestral Oomycete Secretome and Reveal Gene Acquisitions by Horizontal Gene Transfer. <i>Genome Biology and Evolution</i> , 2015, 7, 120-135.	1.1	34

#	ARTICLE	IF	CITATIONS
1213	De novo transcriptome of the European brittle star <i>Amphiura filiformis</i> pluteus larvae. <i>Marine Genomics</i> , 2015, 23, 109-121.	0.4	22
1214	Analyses of Alternatively Processed Genes in Ciliates Provide Insights into the Origins of Scrambled Genomes and May Provide a Mechanism for Speciation. <i>MBio</i> , 2015, 6, .	1.8	22
1215	Identification and expression of a new member of the pyrokinin/pban gene family in the sand fly <i>Phlebotomus papatasi</i> . <i>Journal of Insect Physiology</i> , 2015, 79, 55-62.	0.9	10
1216	Clade- and species-specific features of genome evolution in the Saccharomycetaceae. <i>FEMS Yeast Research</i> , 2015, 15, fov035.	1.1	58
1217	Ecophysiology of uncultivated marine euryarchaea is linked to particulate organic matter. <i>ISME Journal</i> , 2015, 9, 1747-1763.	4.4	94
1218	Ecological and Lineage-Specific Factors Drive the Molecular Evolution of Rhodopsin in Cichlid Fishes. <i>Molecular Biology and Evolution</i> , 2015, 32, 2876-2882.	3.5	30
1220	High nucleotide diversity and limited linkage disequilibrium in <i>Helicoverpa armigera</i> facilitates the detection of a selective sweep. <i>Heredity</i> , 2015, 115, 460-470.	1.2	15
1221	A <i>Phytophthora sojae</i> Glycoside Hydrolase 12 Protein Is a Major Virulence Factor during Soybean Infection and Is Recognized as a PAMP. <i>Plant Cell</i> , 2015, 27, 2057-2072.	3.1	335
1222	Arsenophonus and Sodalis Symbionts in Louse Flies: an Analogy to the Wigglesworthia and Sodalis System in Tsetse Flies. <i>Applied and Environmental Microbiology</i> , 2015, 81, 6189-6199.	1.4	73
1223	Alien fungal species on asymptomatic live woody plant material imported into Canada. <i>Canadian Journal of Plant Pathology</i> , 2015, 37, 67-81.	0.8	14
1224	Insights into the Interactions of <i>Fasciola hepatica</i> Cathepsin L3 with a Substrate and Potential Novel Inhibitors through In Silico Approaches. <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003759.	1.3	17
1225	Deceptive morphological variation in <i>Hirschmanniella mucronata</i> (Nematoda: Pratylenchidae) and a polytomous key to the genus. <i>Nematology</i> , 2015, 17, 377-400.	0.2	13
1226	<i>Maasoglossum</i> , a basal genus in Geoglossomycetes. <i>Mycoscience</i> , 2015, 56, 572-579.	0.3	4
1227	<i>Phaeocystis rex</i> sp. nov. (Phaeocystales, Prymnesiophyceae): a new solitary species that produces a multilayered scale cell covering. <i>European Journal of Phycology</i> , 2015, 50, 207-222.	0.9	15
1228	Physiological and evolutionary potential of microorganisms from the Canterbury Basin seafloor, a metagenomic approach. <i>FEMS Microbiology Ecology</i> , 2015, 91, .	1.3	16
1229	Performance of cytochrome c oxidase subunit I (COI), ribosomal DNA Large Subunit (LSU) and Internal Transcribed Spacer 2 (ITS2) in DNA barcoding of Collembola. <i>European Journal of Soil Biology</i> , 2015, 69, 1-7.	1.4	30
1230	Low temperature tolerance of a sea urchin pathogen: Implications for benthic community dynamics in a warming ocean. <i>Journal of Experimental Marine Biology and Ecology</i> , 2015, 469, 1-9.	0.7	12
1231	Multiple Cross-Species Transmission Events of Human Adenoviruses (HAdV) during Hominine Evolution. <i>Molecular Biology and Evolution</i> , 2015, 32, 2072-2084.	3.5	54

#	ARTICLE	IF	CITATIONS
1232	Resistance Genes and Genetic Elements Associated with Antibiotic Resistance in Clinical and Commensal Isolates of <i>Streptococcus salivarius</i> . <i>Applied and Environmental Microbiology</i> , 2015, 81, 4155-4163.	1.4	38
1233	A Phylogenetic Analysis of 34 Chloroplast Genomes Elucidates the Relationships between Wild and Domestic Species within the Genus <i>Citrus</i> . <i>Molecular Biology and Evolution</i> , 2015, 32, 2015-2035.	3.5	272
1234	Reconstruction of Cyclooxygenase Evolution in Animals Suggests Variable, Lineage-Specific Duplications, and Homologs with Low Sequence Identity. <i>Journal of Molecular Evolution</i> , 2015, 80, 193-208.	0.8	7
1235	Endosymbiotic Candidates for Parasitoid Defense in Exotic and Native New Zealand Weevils. <i>Microbial Ecology</i> , 2015, 70, 274-286.	1.4	21
1236	The importance of arbuscular mycorrhiza for <i>Cyclamen purpurascens</i> subsp. <i>immaculatum</i> endemic in Slovakia. <i>Mycorrhiza</i> , 2015, 25, 599-609.	1.3	6
1237	Molecular systematics and morphometrics in <i>Veronica</i> subsect. <i>Canae</i> (Plantaginaceae). <i>Plant Systematics and Evolution</i> , 2015, 301, 1967-1979.	0.3	9
1238	Environmental surveillance and molecular epidemiology of waterborne pathogen <i>Legionella pneumophila</i> in health-care facilities of Northeastern Greece: a 4-year survey. <i>Environmental Science and Pollution Research</i> , 2015, 22, 7628-7640.	2.7	9
1239	<i>Rhizoglyphus melanum</i> , a new arbuscular mycorrhizal fungal species associated with submerged plants in freshwater lake Avsj�en in Norway. <i>Mycological Progress</i> , 2015, 14, 1.	0.5	25
1240	The evolutionary conservation of the A Disintegrin-like and Metalloproteinase domain with Thrombospondin-1 motif metzincins across vertebrate species and their expression in teleost zebrafish. <i>BMC Evolutionary Biology</i> , 2015, 15, 22.	3.2	28
1241	Evolutionary history and leaf succulence as explanations for medicinal use in aloe and the global popularity of <i>Aloe vera</i> . <i>BMC Evolutionary Biology</i> , 2015, 15, 29.	3.2	79
1242	Mitogenomic phylogeny of the common long-tailed macaque (<i>Macaca fascicularis fascicularis</i>). <i>BMC Genomics</i> , 2015, 16, 222.	1.2	55
1243	Genetic diversity of medically important and emerging <i>Candida</i> species causing invasive infection. <i>BMC Infectious Diseases</i> , 2015, 15, 57.	1.3	75
1244	Bridging epidemiology with population genetics in a low incidence MSM-driven HIV-1 subtype B epidemic in Central Europe. <i>BMC Infectious Diseases</i> , 2015, 15, 65.	1.3	11
1245	An integrated map of HIV genome-wide variation from a population perspective. <i>Retrovirology</i> , 2015, 12, 18.	0.9	90
1246	A new ensemble coevolution system for detecting HIV-1 protein coevolution. <i>Biology Direct</i> , 2015, 10, 1.	1.9	78
1247	Detection of <i>Orientia</i> sp. DNA in rodents from Asia, West Africa and Europe. <i>Parasites and Vectors</i> , 2015, 8, 172.	1.0	54
1248	TGF-�2 superfamily members from the helminth <i>Fasciola hepatica</i> show intrinsic effects on viability and development. <i>Veterinary Research</i> , 2015, 46, 29.	1.1	23
1249	FAST: FAST Analysis of Sequences Toolbox. <i>Frontiers in Genetics</i> , 2015, 6, 172.	1.1	29

#	ARTICLE	IF	CITATIONS
1250	Intra-helical salt-bridge and helix destabilizing residues within the same helical turn: Role of functionally important loop E half-helix in channel regulation of major intrinsic proteins. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 1436-1449.	1.4	13
1251	Sex-Chromosome Homomorphy in Paelearctic Tree Frogs Results from Both Turnovers and Xâ€™Y Recombination. <i>Molecular Biology and Evolution</i> , 2015, 32, 2328-2337.	3.5	57
1252	New record of <i>Apholosticha sinica</i> (Ciliophora, Urostylelida) from the UK: morphology, 18S rRNA gene phylogeny and notes on morphogenesis. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 2549-2561.	0.8	6
1253	<i>Halorubrum persicum</i> sp. nov., an extremely halophilic archaeon isolated from sediment of a hypersaline lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 1770-1778.	0.8	23
1254	Identification, characterization and full-length sequence analysis of a novel dsRNA virus isolated from the arboreal ant <i>Camponotus yamaokai</i> . <i>Journal of General Virology</i> , 2015, 96, 1930-1937.	1.3	43
1255	Metatranscriptomic census of active protists in soils. <i>ISME Journal</i> , 2015, 9, 2178-2190.	4.4	274
1256	Global Multilocus Sequence Type Analysis of <i>Chlamydia trachomatis</i> Strains from 16 Countries. <i>Journal of Clinical Microbiology</i> , 2015, 53, 2172-2179.	1.8	46
1257	Complex archaea that bridge the gap between prokaryotes and eukaryotes. <i>Nature</i> , 2015, 521, 173-179.	13.7	995
1258	A Paleogene origin for crown passerines and the diversification of the Oscines in the New World. <i>Molecular Phylogenetics and Evolution</i> , 2015, 88, 1-15.	1.2	65
1259	Phylogenetic and chemical diversity of fungal endophytes isolated from <i>Silybum marianum</i> (L) Gaertn. (milk thistle). <i>Mycology</i> , 2015, 6, 8-27.	2.0	29
1260	Characterization of <i>Lactobacillus</i> isolated from dairy samples for probiotic properties. <i>Anaerobe</i> , 2015, 33, 117-123.	1.0	75
1261	Identification of insulin-like peptide 1 (ILP1) gene and its expression in response to different food sources in the intertidal copepod <i>Tigriopus japonicus</i> . <i>Fisheries Science</i> , 2015, 81, 495-504.	0.7	3
1262	Adaptation of <i>Fusarium oxysporum</i> and <i>Fusarium dimerum</i> to the specific aquatic environment provided by the water systems of hospitals. <i>Water Research</i> , 2015, 76, 53-65.	5.3	18
1263	Dramatic niche shifts and morphological change in two insular bird species. <i>Royal Society Open Science</i> , 2015, 2, 140364.	1.1	29
1264	The diversification of the genus <i>Monodelphis</i> and the chronology of Didelphidae (Didelphimorphia). <i>Zoological Journal of the Linnean Society</i> , 2015, 174, 414-427.	1.0	19
1265	Preliminary Analysis of Phylogenetic Relationships of the Asian-Pacific Endemic Subterranean Amphipod Genus <i>Pseudocrangonyx</i> Among Families and Genera of Crangonyctoidean Amphipods Inferred by Partial LSU rDNA Gene Sequences. <i>Zoological Science</i> , 2015, 32, 178.	0.3	8
1266	Systematics of green algae resembling <i>Ulva conglobata</i> , with a description of <i>Ulva adhaerens</i> sp. nov. (Ulvales, Ulvophyceae). <i>European Journal of Phycology</i> , 2015, 50, 100-111.	0.9	15
1267	The evolution of Jen3 proteins and their role in dicarboxylic acid transport in <i>Yarrowia</i> . <i>MicrobiologyOpen</i> , 2015, 4, 100-120.	1.2	15

#	ARTICLE	IF	CITATIONS
1268	Genome-wide identification and characterization of aquaporin gene family in common bean (<i>Phaseolus</i>) Tj ETQq0 0.0 rgBT /Overlock 10	1.0	80
1269	<i>Vernalophrys algivore</i> gen. nov., sp. nov. (Rhizaria: Cercozoa: Vampyrellida), a New Algal Predator Isolated from Outdoor Mass Culture of <i>Scenedesmus dimorphus</i> . <i>Applied and Environmental Microbiology</i> , 2015, 81, 3900-3913.	1.4	39
1270	New Host and Geographic Distribution Records for Glossiphoniid Leeches Associated with Turtles in Southern New England. <i>Comparative Parasitology</i> , 2015, 82, 240-243.	0.0	7
1271	Old Drugs To Treat Resistant Bugs: Methicillin-Resistant <i>Staphylococcus aureus</i> Isolates with <i>mecC</i> Are Susceptible to a Combination of Penicillin and Clavulanic Acid. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 7396-7404.	1.4	32
1272	The mitochondrial genomes of <i>Pecten albicans</i> and <i>Pecten maximus</i> (Bivalvia: Pectinidae) reveal a novel gene arrangement with low genetic differentiation. <i>Biochemical Systematics and Ecology</i> , 2015, 61, 208-217.	0.6	2
1273	Arsenic induces structural and compositional colonic microbiome change and promotes host nitrogen and amino acid metabolism. <i>Toxicology and Applied Pharmacology</i> , 2015, 289, 397-408.	1.3	89
1274	Evaluation of DNA barcoding efficiency of cpDNA barcodes in selected Philippine <i>Leea</i> (Vitaceae). <i>Acta Botanica Gallica</i> , 2015, 162, 317-324.	0.9	4
1275	Transcriptome sequencing and annotation of the polychaete <i>Hermodice carunculata</i> (Annelida,) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.2	23
1276	Two Conserved Cysteine Residues Are Required for the Masculinizing Activity of the Silkworm Masc Protein. <i>Journal of Biological Chemistry</i> , 2015, 290, 26114-26124.	1.6	29
1277	Root of Dictyostelia based on 213 universal proteins. <i>Molecular Phylogenetics and Evolution</i> , 2015, 92, 53-62.	1.2	16
1278	Phylogeographic Study of Whip Scorpions (Chelicerata: Arachnida: Thelyphonida) in Japan and Taiwan. <i>Zoological Science</i> , 2015, 32, 352.	0.3	9
1279	AtCOX10, a protein involved in haem synthesis during cytochrome oxidase biogenesis, is essential for plant embryogenesis and modulates the progression of senescence. <i>Journal of Experimental Botany</i> , 2015, 66, 6761-6775.	2.4	25
1280	Functionality and prevalence of trehalose-based oligosaccharides as novel compatible solutes in ascospores of <i>Nectria fischeri</i> (<i>Aspergillus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	4
1281	Independent origins of the feather lice (Insecta: <i>Degeeriella</i>) of raptors. <i>Biological Journal of the Linnean Society</i> , 2015, 114, 837-847.	0.7	12
1282	Conserved Gene Expression Programs in Developing Roots from Diverse Plants. <i>Plant Cell</i> , 2015, 27, 2119-2132.	3.1	92
1283	First Staphylococcal Cassette Chromosome <i>mecC</i> Containing a <i>mecB</i> -Carrying Gene Complex Independent of Transposon Tn 6045 in a <i>Macrococcus caseolyticus</i> Isolate from a Canine Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 4577-4583.	1.4	50
1284	<i>Basidioascus undulatus</i> : genome, origins, and sexuality. <i>IMA Fungus</i> , 2015, 6, 215-231.	1.7	9
1285	Bacterial remodelling of the host epigenome: functional role and evolution of effectors methylating host histones. <i>Cellular Microbiology</i> , 2015, 17, 1098-1107.	1.1	33

#	ARTICLE	IF	CITATIONS
1286	Development of a Multiplex PCR Assay for Rapid Molecular Serotyping of <i>Haemophilus parasuis</i> . <i>Journal of Clinical Microbiology</i> , 2015, 53, 3812-3821.	1.8	80
1287	Sulphur-cycling bacteria and ciliated protozoans in a Beggiatoaceae mat covering organically enriched sediments beneath a salmon farm in a southern Chilean fjord. <i>Marine Pollution Bulletin</i> , 2015, 100, 270-278.	2.3	22
1288	Insights into the evolution of enzyme substrate promiscuity after the discovery of (1 \pm)8 isomerase evolutionary intermediates from a diverse metagenome. <i>BMC Evolutionary Biology</i> , 2015, 15, 107.	3.2	16
1289	Identification of new conserved and variable regions in the 16S rRNA gene of acetic acid bacteria and acetobacteraceae family. <i>Molecular Biology</i> , 2015, 49, 668-677.	0.4	7
1290	Ape parasite origins of human malaria virulence genes. <i>Nature Communications</i> , 2015, 6, 8368.	5.8	41
1291	<i>Botrytis pseudocinerea</i> Is a Significant Pathogen of Several Crop Plants but Susceptible to Displacement by Fungicide-Resistant <i>B. cinerea</i> Strains. <i>Applied and Environmental Microbiology</i> , 2015, 81, 7048-7056.	1.4	59
1292	<i>Cortinarius koldingensis</i> a new species of <i>Cortinarius</i> , subgenus <i>Phlegmacium</i> related to <i>Cortinarius sulfurinus</i> . <i>Mycological Progress</i> , 2015, 14, 1.	0.5	5
1293	Occurrence of and Sequence Variation among F-Specific RNA Bacteriophage Subgroups in Feces and Wastewater of Urban and Animal Origins. <i>Applied and Environmental Microbiology</i> , 2015, 81, 6505-6515.	1.4	35
1294	Sex differences in gut fermentation and immune parameters in rats fed an oligofructose-supplemented diet. <i>Biology of Sex Differences</i> , 2015, 6, 13.	1.8	80
1295	Dual Organellar Targeting of Aminoacyl-tRNA Synthetases in Diatoms and Cryptophytes. <i>Genome Biology and Evolution</i> , 2015, 7, 1728-1742.	1.1	46
1296	Stepwise evolution of corolla symmetry in <i>CYCLOIDEA2</i> -like and <i>RADIALIS</i> -like gene expression patterns in Lamiales. <i>American Journal of Botany</i> , 2015, 102, 1260-1267.	0.8	24
1297	Whole genome sequence typing and microarray profiling of nasal and blood stream methicillin-resistant <i>Staphylococcus aureus</i> isolates: Clues to phylogeny and invasiveness. <i>Infection, Genetics and Evolution</i> , 2015, 36, 475-482.	1.0	7
1298	Phylogenetics and phylogeography of a long-legged harvestman (Arachnida : Opiliones) in the Brazilian Atlantic Rain Forest reveals poor dispersal, low diversity and extensive mitochondrial introgression. <i>Invertebrate Systematics</i> , 2015, 29, 386.	0.5	24
1299	The Evolutionary Fate of Alternatively Spliced Homologous Exons after Gene Duplication. <i>Genome Biology and Evolution</i> , 2015, 7, 1392-1403.	1.1	31
1300	The use of transcriptomic next-generation sequencing data to assemble mitochondrial genomes of <i>Ancistrus</i> spp. (Loricariidae). <i>Gene</i> , 2015, 573, 171-175.	1.0	16
1301	Taxonomy and molecular phylogeny of two novel ciliates, with establishment of a new genus, <i>Pseudogastrostyla</i> n. g. (Ciliophora, Hypotrichia, Oxytrichidae). <i>European Journal of Protistology</i> , 2015, 51, 374-385.	0.5	21
1302	Evolutionary Fate of the Androgen Receptor Signaling Pathway in Ray-Finned Fishes with a Special Focus on Cichlids. <i>G3: Genes, Genomes, Genetics</i> , 2015, 5, 2275-2283.	0.8	12
1303	<i>Pseudoperonospora cubensis</i> and <i>P. humuli</i> detection using species-specific probes and high definition melt curve analysis. <i>Canadian Journal of Plant Pathology</i> , 2015, 37, 315-330.	0.8	34

#	ARTICLE	IF	CITATIONS
1304	Minutisphaerales (Dothideomycetes, Ascomycota): a new order of freshwater ascomycetes including a new family, Minutisphaeraceae, and two new species from North Carolina, USA. <i>Mycologia</i> , 2015, 107, 845-862.	0.8	26
1305	Molecular cloning and characterization of the ATP citrate lyase from carotenogenic yeast <i>Phaffia rhodozyma</i> . <i>FEMS Yeast Research</i> , 2015, 15, fov054.	1.1	4
1306	Phylogenetic signal in diatom ecology: perspectives for aquatic ecosystems biomonitoring. , 0, , .		4
1307	Comparison of four commercial viral load techniques in an area of non-B HIV-1 subtypes circulation. <i>Journal of Virological Methods</i> , 2015, 222, 122-131.	1.0	9
1308	Mass Spectrometry and Antibody-Based Characterization of Blood Vessels from <i>Brachylophosaurus canadensis</i> . <i>Journal of Proteome Research</i> , 2015, 14, 5252-5262.	1.8	59
1309	Insights into insulin-like peptide system in invertebrates from studies on IGF binding domain-containing proteins in the female mud crab, <i>Scylla paramamosain</i> . <i>Molecular and Cellular Endocrinology</i> , 2015, 416, 36-45.	1.6	24
1310	Molecular phylogeny of four homeobox genes from the purple sea star <i>Pisaster ochraceus</i> . <i>Development Genes and Evolution</i> , 2015, 225, 359-365.	0.4	1
1311	Five new <i>Talaromyces</i> species with ampulliform-like phialides and globose rough walled conidia resembling <i>T. verruculosus</i> . <i>Mycoscience</i> , 2015, 56, 486-502.	0.3	30
1312	Taxonomic revision of the <i>Taractrocerilia</i> (Waterhouse) complex (Lepidoptera : Hesperidae) from north-western Australia and mainland New Guinea based on morphological and molecular data. <i>Invertebrate Systematics</i> , 2015, 29, 487.	0.5	1
1313	Mitochondrial Genetic Diversity of Eurasian Red Squirrels (<i>Sciurus vulgaris</i>) from Denmark. <i>Journal of Heredity</i> , 2015, 106, 719-727.	1.0	6
1314	Genetic signatures of adaptation revealed from transcriptome sequencing of Arctic and red foxes. <i>BMC Genomics</i> , 2015, 16, 585.	1.2	22
1315	<i>Sapocribum chincoteaguense</i> n. gen. n. sp.: A Small, Scale-bearing Amoebozoan with Flabellinid Affinities. <i>Journal of Eukaryotic Microbiology</i> , 2015, 62, 444-453.	0.8	9
1316	New data on the zoogeography of <i>Aphanius sophiae</i> (Teleostei: Cyprinodontidae) in the Central Zagros (Southwest Iran). <i>Limnologica</i> , 2015, 51, 70-82.	0.7	14
1317	Identification, expression, and molecular evolution of microRNAs in the "living fossil" <i>Triops cancriformis</i> (tadpole shrimp). <i>Rna</i> , 2015, 21, 230-242.	1.6	27
1318	Genetic diversity across geographical scales in marine coastal ecosystems: <i>Holothuria arguinensis</i> a model species. <i>Journal of Experimental Marine Biology and Ecology</i> , 2015, 463, 158-167.	0.7	19
1319	TMEM16 Proteins: Unknown Structure and Confusing Functions. <i>Journal of Molecular Biology</i> , 2015, 427, 94-105.	2.0	115
1320	The mitochondrial genome of the water spider <i>Aeglyroneta aquatica</i> (<i>Aeglyroneta</i> : <i>Cybidae</i>). <i>Zoologica Scripta</i> , 2015, 44, 179-190.	0.7	22
1321	Paging through history: parchment as a reservoir of ancient DNA for next generation sequencing. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20130379.	1.8	52

#	ARTICLE	IF	CITATIONS
1322	Molecular Phylogeny and Morphology of <i>Leannia veloxifera</i> n. gen. et sp. Unveils a New Lineage of Monothalamous Foraminifera. <i>Journal of Eukaryotic Microbiology</i> , 2015, 62, 353-361.	0.8	3
1323	Molecular epidemiology of human rhinovirus infections in the pediatric emergency department. <i>Journal of Clinical Virology</i> , 2015, 62, 25-31.	1.6	39
1324	Absence of Transovarial Transmission of <i>Candidatus Phytoplasma ulmi</i> ™ in the Vector <i>Amplicephalus curtulus</i> Linnavuori & DeLong (Hemiptera: Cicadellidae): Is It a Rule More Than an Exception?. <i>Neotropical Entomology</i> , 2015, 44, 1-9.	0.5	9
1325	Mechanisms of Cl ⁻ uptake in rainbow trout: Cloning and expression of slc26a6, a prospective Cl ⁻ /HCO ₃ ⁻ exchanger. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2015, 180, 43-50.	0.8	34
1326	Intrinsic disorder mediates hepatitis C virus core-host cell protein interactions. <i>Protein Science</i> , 2015, 24, 221-235.	3.1	47
1327	The Draft Genome of Hop (<i>Humulus lupulus</i>), an Essence for Brewing. <i>Plant and Cell Physiology</i> , 2015, 56, 428-441.	1.5	111
1328	Update on the distribution and phylogenetics of <i>Biomphalaria</i> (Gastropoda: Planorbidae) populations in Guangdong Province, China. <i>Acta Tropica</i> , 2015, 141, 258-270.	0.9	23
1329	Molecular phylogenetics of the glass frog <i>Hyalinobatrachium orientale</i> (Anura: Centrolenidae): evidence for Pliocene connections between mainland Venezuela and the island of Tobago. <i>Mitochondrial DNA</i> , 2015, 26, 613-618.	0.6	16
1330	<i>Mariannaea macrochlamydospora</i> , a new hyphomycete (Nectriaceae) from soil in the Bonin Islands, Japan. <i>Mycoscience</i> , 2015, 56, 29-33.	0.3	8
1331	Radionuclides distribution, properties, and microbial diversity of soils in uranium mill tailings from southeastern China. <i>Journal of Environmental Radioactivity</i> , 2015, 139, 85-90.	0.9	66
1332	Origin and ecological selection of core and food-specific bacterial communities associated with meat and seafood spoilage. <i>ISME Journal</i> , 2015, 9, 1105-1118.	4.4	264
1333	<i>Crassisporium</i> and <i>Romagnesiella</i> : two new genera of dark-spored Agaricales. <i>Systematics and Biodiversity</i> , 2015, 13, 28-41.	0.5	28
1334	West versus east Mediterranean sea cucumber <i>Holothuria polii</i> : origin and genetic differentiation of the sea cucumber <i>Holothuria polii</i> . <i>Marine Ecology</i> , 2015, 36, 485-495.	0.4	24
1335	A family of variable immunoglobulin and lectin domain containing molecules in the snail <i>Biomphalaria glabrata</i> . <i>Developmental and Comparative Immunology</i> , 2015, 48, 234-243.	1.0	85
1336	Decoding cyanobacterial phylogeny and molecular evolution using an evonumeric approach. <i>Protoplasma</i> , 2015, 252, 519-535.	1.0	19
1337	Molecular phylogeny of <i>Pseudomyrmex</i> acic carpenter ants (Hymenoptera: Tj ETQq1 1 0.784314 rgB / from diverse source areas. <i>Cladistics</i> , 2015, 31, 424-437.	1.5	22
1338	Duplication and expression of CYC2-like genes in the origin and maintenance of corolla zygomorphy in Lamiales. <i>New Phytologist</i> , 2015, 205, 852-868.	3.5	56
1339	Combination of an Unbiased Amplification Method and a Resequencing Microarray for Detecting and Genotyping Equine Arteritis Virus. <i>Journal of Clinical Microbiology</i> , 2015, 53, 287-291.	1.8	6

#	ARTICLE	IF	CITATIONS
1340	Emergence of rice yellow mottle virus in eastern Uganda: Recent and singular interplay between strains in East Africa and in Madagascar. <i>Virus Research</i> , 2015, 195, 64-72.	1.1	22
1341	Characterization of <i>Tulamoeba bucina</i> n. sp., an Extremely Halotolerant Amoeboflagellate Heterolobosean Belonging to the <i>Tulamoeba</i> "Pleurostomum" Clade (Tulamoebidae n. fam.). <i>Journal of Eukaryotic Microbiology</i> , 2015, 62, 227-238.	0.8	18
1342	Phylogenomics of the killer whale indicates ecotype divergence in sympatry. <i>Heredity</i> , 2015, 114, 48-55.	1.2	47
1343	PCR primers for assessing community structure of aquatic fungi including Chytridiomycota and Cryptomycota. <i>Fungal Ecology</i> , 2015, 13, 33-43.	0.7	24
1344	Survey on whiteflies and their parasitoids in cassava mosaic pandemic areas of Tanzania using morphological and molecular techniques. <i>Pest Management Science</i> , 2015, 71, 383-394.	1.7	15
1345	Unraveling free-living marine nematode community structure from a biodiversity-rich tropical coastal setting based on molecular approaches. <i>Marine Biodiversity</i> , 2015, 45, 537-547.	0.3	7
1346	Molecular confirmation of species status for the allopolyploid cotton species, <i>Gossypium ekmanianum</i> Wittmack. <i>Genetic Resources and Crop Evolution</i> , 2015, 62, 103-114.	0.8	79
1347	Identification of <i>Megaselia scalaris</i> (Diptera : Phoridae) based on morphology and mitochondrial 16S rRNA and COI gene sequences. <i>Dhaka University Journal of Biological Sciences</i> , 2016, 25, 149-159.	0.3	6
1348	The genome of a landlocked Atlantic salmon <i>Salmo salar</i> characterized through high-throughput sequencing. <i>Journal of Evolutionary Biology Research</i> , 2016, 8, 1-14.	0.2	4
1349	Partitional Classification: A Complement to Phylogeny. <i>Evolutionary Bioinformatics</i> , 2016, 12, EBO.S38288.	0.6	0
1350	Automated Sanger Analysis Pipeline (ASAP): A Tool for Rapidly Analyzing Sanger Sequencing Data with Minimum User Interference. <i>Journal of Biomolecular Techniques</i> , 2016, 27, 129-131.	0.8	12
1351	Outbreaks of Middle East Respiratory Syndrome in Two Hospitals Initiated by a Single Patient in Daejeon, South Korea. <i>Infection and Chemotherapy</i> , 2016, 48, 99.	1.0	42
1352	CHD genes: a reliable marker for bird populations and phylogenetic analysis? Case study of the superfamily Sylvioidea (Aves: Passeriformes). <i>Turkish Journal of Zoology</i> , 2016, 40, 749-757.	0.4	2
1353	Rare horizontal transmission does not hide long-term inheritance of SINE highly conserved domains in the metazoan evolution. <i>Environmental Epigenetics</i> , 2016, 62, 667-674.	0.9	9
1354	Draft Genome of the Scarab Beetle <i>Oryctes borbonicus</i> on La Réunion Island. <i>Genome Biology and Evolution</i> , 2016, 8, 2093-2105.	1.1	35
1355	Taxonomic re-evaluation of species in <i>Talaromyces</i> section <i>Islandici</i> , using a polyphasic approach. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2016, 36, 37-56.	1.6	34
1356	The complete mitochondrial genome of <i>Corydoras nattereri</i> (Callichthyidae: Corydoradinae). <i>Neotropical Ichthyology</i> , 2016, 14, .	0.5	11
1357	Palaeoceanographic changes in Hornsund Fjord (Spitsbergen, Svalbard) over the last millennium: new insights from ancient DNA. <i>Climate of the Past</i> , 2016, 12, 1459-1472.	1.3	22

#	ARTICLE	IF	CITATIONS
1358	Dichoropetalum alanyensis (Apiaceae), a new species from South Anatolia, Turkey. Turkish Journal of Botany, 2016, 40, 201-208.	0.5	3
1359	Recording of climate and diagenesis through sedimentary DNA and fossil pigments at Laguna Potrok Aike, Argentina. Biogeosciences, 2016, 13, 2475-2492.	1.3	30
1360	Cytochrome c Oxidase Sequences of Zambian Wildlife Helps to Identify Species of Origin of Meat. International Journal of Zoology, 2016, 2016, 1-6.	0.3	5
1361	Single and multi-gene phylogeny of <i>Hepatospora</i> (Microsporidia) – a generalist pathogen of farmed and wild crustacean hosts. Parasitology, 2016, 143, 971-982.	0.7	17
1362	Testing the Hypothesis of Allopolyploidy in the Origin of <i>Penstemon azureus</i> (Plantaginaceae). Frontiers in Ecology and Evolution, 2016, 4, .	1.1	1
1363	New Insights into the Classification and Integration Specificity of <i>Streptococcus Integrative Conjugative Elements</i> through Extensive Genome Exploration. Frontiers in Microbiology, 2015, 6, 1483.	1.5	64
1364	Recombination Does Not Hinder Formation or Detection of Ecological Species of <i>Synechococcus</i> Inhabiting a Hot Spring Cyanobacterial Mat. Frontiers in Microbiology, 2015, 6, 1540.	1.5	16
1365	Hydrogenase Gene Distribution and H ₂ Consumption Ability within the <i>Thiomicrospira</i> Lineage. Frontiers in Microbiology, 2016, 7, 99.	1.5	21
1366	MALDI-TOF Mass Spectrometry Discriminates Known Species and Marine Environmental Isolates of <i>Pseudoalteromonas</i> . Frontiers in Microbiology, 2016, 7, 104.	1.5	23
1367	Transcriptome Analysis of <i>Scrippsiella trochoidea</i> CCMP 3099 Reveals Physiological Changes Related to Nitrate Depletion. Frontiers in Microbiology, 2016, 7, 639.	1.5	33
1368	Recent Reticulate Evolution in the Ecologically Dominant Lineage of Coccolithophores. Frontiers in Microbiology, 2016, 7, 784.	1.5	18
1369	Genomic Rearrangements and Functional Diversification of <i>lecA</i> and <i>lecB</i> Lectin-Coding Regions Impacting the Efficacy of Glycomimetics Directed against <i>Pseudomonas aeruginosa</i> . Frontiers in Microbiology, 2016, 7, 811.	1.5	39
1370	Sequence-Based Screening for Rare Enzymes: New Insights into the World of AMDases Reveal a Conserved Motif and 58 Novel Enzymes Clustering in Eight Distinct Families. Frontiers in Microbiology, 2016, 7, 1332.	1.5	11
1371	Comparative Genomic Analysis among Four Representative Isolates of <i>Phytophthora sojae</i> Reveals Genes under Evolutionary Selection. Frontiers in Microbiology, 2016, 7, 1547.	1.5	20
1372	Diversification of the <i>vacAs1m1</i> and <i>vacAs2m2</i> Strains of <i>Helicobacter pylori</i> in <i>Meriones unguiculatus</i> . Frontiers in Microbiology, 2016, 7, 1758.	1.5	7
1373	Distribution of Type I Restriction Modification Systems in <i>Streptococcus suis</i> : An Outlook. Pathogens, 2016, 5, 62.	1.2	23
1374	Whole Genome Duplications Shaped the Receptor Tyrosine Kinase Repertoire of Jawed Vertebrates. Genome Biology and Evolution, 2016, 8, 1600-1613.	1.1	38
1375	Evolutionary histories determine DNA barcoding success in vascular plants: seven case studies using intraspecific broad sampling of closely related species. BMC Evolutionary Biology, 2016, 16, 103.	3.2	22

#	ARTICLE	IF	CITATIONS
1376	Evolution and expression of the phosphodiesterase 6 genes unveils vertebrate novelty to control photosensitivity. <i>BMC Evolutionary Biology</i> , 2016, 16, 124.	3.2	46
1377	Deep phylogenomics of a tandem-repeat galectin regulating appendicular skeletal pattern formation. <i>BMC Evolutionary Biology</i> , 2016, 16, 162.	3.2	17
1378	<i>Corynebacterium pseudotuberculosis</i> may be under anagenesis and biovar <i>Equi</i> forms biovar <i>Ovis</i> : a phylogenetic inference from sequence and structural analysis. <i>BMC Microbiology</i> , 2016, 16, 100.	1.3	11
1379	Genome sequencing and genetic characterization of <i>Culex Flavivirus</i> (CxFV) provides new information about its genotypes. <i>Virology Journal</i> , 2016, 13, 158.	1.4	15
1380	DNA barcoding of formalin-fixed aquatic oligochaetes for biomonitoring. <i>BMC Research Notes</i> , 2016, 9, 342.	0.6	10
1381	Limitations of Species Delimitation Based on Phylogenetic Analyses: A Case Study in the <i>Hypogymnia hypotrypa</i> Group (Parmeliaceae, Ascomycota). <i>PLoS ONE</i> , 2016, 11, e0163664.	1.1	13
1382	Distribution of <i>Placobdella ornata</i> (Verrill, 1872) (Hirudinida: Glossiphoniidae). <i>Bulletin of the Peabody Museum of Natural History</i> , 2016, 57, 175-179.	0.6	8
1383	The <i>ace-1</i> Locus Is Amplified in All Resistant <i>Anopheles gambiae</i> Mosquitoes: Fitness Consequences of Homogeneous and Heterogeneous Duplications. <i>PLoS Biology</i> , 2016, 14, e2000618.	2.6	58
1384	Molecular Infectious Disease Epidemiology: Survival Analysis and Algorithms Linking Phylogenies to Transmission Trees. <i>PLoS Computational Biology</i> , 2016, 12, e1004869.	1.5	36
1385	An Indel Polymorphism in the <i>MtnA</i> 3' Untranslated Region Is Associated with Gene Expression Variation and Local Adaptation in <i>Drosophila melanogaster</i> . <i>PLoS Genetics</i> , 2016, 12, e1005987.	1.5	40
1386	Rabies in the Baltic States: Decoding a Process of Control and Elimination. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004432.	1.3	30
1387	Molecular Individual-Based Approach on <i>Triatoma brasiliensis</i> : Inferences on Triatomine Foci, <i>Trypanosoma cruzi</i> Natural Infection Prevalence, Parasite Diversity and Feeding Sources. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004447.	1.3	47
1388	Geological Changes of the Americas and their Influence on the Diversification of the Neotropical Kissing Bugs (Hemiptera: Reduviidae: Triatominae). <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004527.	1.3	72
1389	An Extended Multilocus Sequence Typing (MLST) Scheme for Rapid Direct Typing of <i>Leptospira</i> from Clinical Samples. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004996.	1.3	32
1390	Diversity, Host Specialization, and Geographic Structure of Filarial Nematodes Infecting Malagasy Bats. <i>PLoS ONE</i> , 2016, 11, e0145709.	1.1	7
1391	Multiple and Diverse <i>vsp</i> and <i>vlp</i> Sequences in <i>Borrelia miyamotoi</i> , a Hard Tick-Borne Zoonotic Pathogen. <i>PLoS ONE</i> , 2016, 11, e0146283.	1.1	34
1392	Role of Heparan Sulfate in Cellular Infection of Integrin-Binding Coxsackievirus A9 and Human Parechovirus 1 Isolates. <i>PLoS ONE</i> , 2016, 11, e0147168.	1.1	25
1393	Evolution of a Planktonic Foraminifer during Environmental Changes in the Tropical Oceans. <i>PLoS ONE</i> , 2016, 11, e0148847.	1.1	13

#	ARTICLE	IF	CITATIONS
1394	Human Sentinel Surveillance of Influenza and Other Respiratory Viral Pathogens in Border Areas of Western Cambodia. PLoS ONE, 2016, 11, e0152529.	1.1	7
1395	De Novo Adult Transcriptomes of Two European Brittle Stars: Spotlight on Opsin-Based Photoreception. PLoS ONE, 2016, 11, e0152988.	1.1	23
1396	Subspecific Differentiation Events of Montane Stag Beetles (Coleoptera, Lucanidae) Endemic to Formosa Island. PLoS ONE, 2016, 11, e0156600.	1.1	8
1397	Computational Evaluation of the Strict Master and Random Template Models of Endogenous Retrovirus Evolution. PLoS ONE, 2016, 11, e0162454.	1.1	2
1398	Cloning and Functional Characterization of Cycloartenol Synthase from the Red Seaweed <i>Laurencia dendroidea</i> . PLoS ONE, 2016, 11, e0165954.	1.1	20
1399	Deciphering Multiplicity of HIV-1C Infection: Transmission of Closely Related Multiple Viral Lineages. PLoS ONE, 2016, 11, e0166746.	1.1	11
1400	TLR-2 Recognizes <i>Propionibacterium acnes</i> CAMP Factor 1 from Highly Inflammatory Strains. PLoS ONE, 2016, 11, e0167237.	1.1	51
1401	MATH-Domain Family Shows Response toward Abiotic Stress in <i>Arabidopsis</i> and Rice. <i>Frontiers in Plant Science</i> , 2016, 7, 923.	1.7	33
1402	A Primary Sequence Analysis of the ARGONAUTE Protein Family in Plants. <i>Frontiers in Plant Science</i> , 2016, 7, 1347.	1.7	24
1403	Sporadic Gene Loss After Duplication Is Associated with Functional Divergence of Sirtuin Deacetylases Among <i>Candida</i> Yeast Species. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 3297-3305.	0.8	8
1404	The Study of Hepatitis B Virus Using Bioinformatics. , 0, , .		3
1405	A taxonomic review of <i>Penicillium</i> species producing conidiophores with solitary phialides, classified in section <i>Torulomyces</i> . <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2016, 36, 134-155.	1.6	17
1406	Taxonomic hypotheses regarding the genus <i>Gerbillus</i> (Rodentia, Muridae, Gerbillinae) based on molecular analyses of museum specimens. <i>ZooKeys</i> , 2016, 566, 145-155.	0.5	8
1407	Pharmacological profile of <i>Ascaris suum</i> ACR16, a new homomeric nicotinic acetylcholine receptor widely distributed in <i>Ascaris</i> tissues. <i>British Journal of Pharmacology</i> , 2016, 173, 2463-2477.	2.7	34
1408	Phylogenetic characterisation of feline immunodeficiency virus in naturally infected cats in Croatia indicates additional heterogeneity of subtype B in Europe. <i>Archives of Virology</i> , 2016, 161, 2567-2573.	0.9	8
1409	Divergent homoeolog evolution of the anthocyanin regulatory gene <i>R</i> in <i>Oryza</i> allopolyploids. <i>Journal of Systematics and Evolution</i> , 2016, 54, 511-518.	1.6	0
1410	Different cytokinin histidine kinase receptors regulate nodule initiation as well as later nodule developmental stages in <i>Medicago truncatula</i> . <i>Plant, Cell and Environment</i> , 2016, 39, 2198-2209.	2.8	49
1411	Growth of high-elevation <i>Cryptococcus</i> sp. during extreme freeze-thaw cycles. <i>Extremophiles</i> , 2016, 20, 579-588.	0.9	17

#	ARTICLE	IF	CITATIONS
1412	Comprehensive Characterization of HIV-1 Molecular Epidemiology and Demographic History in the Brazilian Region Most Heavily Affected by AIDS. <i>Journal of Virology</i> , 2016, 90, 8160-8168.	1.5	17
1413	Rhinovirus species and clinical characteristics in the first wheezing episode in children. <i>Journal of Medical Virology</i> , 2016, 88, 2059-2068.	2.5	30
1414	Contrasting biodiversity–ecosystem functioning relationships in phylogenetic and functional diversity. <i>New Phytologist</i> , 2016, 212, 409-420.	3.5	36
1415	Identification of a bipartite nuclear localization signal in the silkworm Masc protein. <i>FEBS Letters</i> , 2016, 590, 2256-2261.	1.3	11
1416	Morphology, Ontogeny, and Molecular Phylogeny of Two Freshwater Species of <i>Deviata</i> (Ciliophora, Hypotrichia) from Southern China. <i>Journal of Eukaryotic Microbiology</i> , 2016, 63, 771-785.	0.8	16
1417	Phylogenetic Position and Molecular Chronology of a Colonial Green Flagellate, <i>Stephanosphaera pluvialis</i> (Volvocales, Chlorophyceae), among Unicellular Algae. <i>Journal of Eukaryotic Microbiology</i> , 2016, 63, 340-348.	0.8	14
1418	Old and new DNA unweave the phylogenetic position of the eastern Atlantic gall crab <i>Detocarcinus balssi</i> (Monod, 1956) (Decapoda: Cryptochiridae). <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2016, 54, 189-196.	0.6	11
1419	Population structure of two rabies hosts relative to the known distribution of rabies virus variants in Alaska. <i>Molecular Ecology</i> , 2016, 25, 675-688.	2.0	22
1420	Cyclic diguanylate regulation of <i>Bacillus cereus</i> group biofilm formation. <i>Molecular Microbiology</i> , 2016, 101, 471-494.	1.2	39
1421	Pinpointing the level of isolation between two cryptic species sharing the same microhabitat: a case study with a scarabaeid species complex. <i>Zoologica Scripta</i> , 2016, 45, 407-420.	0.7	14
1422	Selective zircon accumulation in a new benthic foraminifer, <i>Psammophaga zirconia</i> , sp. nov.. <i>Geobiology</i> , 2016, 14, 404-416.	1.1	13
1423	<i>Wolbachia</i> from <i>Drosophila incompta</i> : just a hitchhiker shared b <i>y</i> <i>Drosophila</i> in the New and Old World?. <i>Insect Molecular Biology</i> , 2016, 25, 487-499.	1.0	10
1424	Molecular Phylogenetic Analysis of <i>Infidum similis</i> , Including Morphological Data and Estimation of its Genome Size. <i>Journal of Parasitology</i> , 2016, 102, 468-475.	0.3	3
1425	Phylogenetic signal in diatom ecology: perspectives for aquatic ecosystems biomonitoring. <i>Ecological Applications</i> , 2016, 26, 861-872.	1.8	37
1426	Global patterns of pelagic dinoflagellate diversity across protist size classes unveiled by metabarcoding. <i>Environmental Microbiology</i> , 2016, 18, 609-626.	1.8	105
1427	The eukaryotic protein kinase superfamily of the necrotrophic fungal plant pathogen, <i>Sclerotinia sclerotiorum</i> . <i>Molecular Plant Pathology</i> , 2016, 17, 634-647.	2.0	8
1428	Transcriptional analysis of sulfate reducing and chemolithoautotrophic sulfur oxidizing bacteria in the deep seafloor. <i>Environmental Microbiology Reports</i> , 2016, 8, 452-460.	1.0	32
1429	Phylogeography of the micro-endemic <i>Pedicia staryi</i> group (Insecta: Diptera): evidence of relict biodiversity in the Carpathians. <i>Biological Journal of the Linnean Society</i> , 2016, 119, 719-731.	0.7	12

#	ARTICLE	IF	CITATIONS
1430	The evolutionary history of the <i>Alba</i> ™ polymorphism in the butterfly subfamily Coliadinae (Lepidoptera: Tj ETQq0 0 0 rgBT /Overlock 10 T	0.7	13
1431	Using nuclear genes to reconstruct angiosperm phylogeny at the species level: A case study with Brassicaceae species. <i>Journal of Systematics and Evolution</i> , 2016, 54, 438-452.	1.6	13
1432	Function, expression, specificity, diversity and incompatibility of actinobacteriophage <i>ABS</i> systems. <i>Molecular Microbiology</i> , 2016, 101, 625-644.	1.2	29
1433	Whole Genome Comparison Reveals High Levels of Inbreeding and Strain Redundancy Across the Spectrum of Commercial Wine Strains of <i>Saccharomyces cerevisiae</i> . <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 957-971.	0.8	166
1434	R-Syst::diatom: an open-access and curated barcode database for diatoms and freshwater monitoring. Database: the <i>Journal of Biological Databases and Curation</i> , 2016, 2016, baw016.	1.4	67
1435	From the desert it came: evolution of the Australian paper daisy genus <i>Leucochrysum</i> (Asteraceae.) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	0.3	14
1437	From antiretroviral therapy access to provision of third line regimens: evidence of HIV Drug resistance mutations to first and second line regimens among Ugandan adults. <i>BMC Research Notes</i> , 2016, 9, 515.	0.6	9
1438	Isolation and characterization of native <i>Bacillus thuringiensis</i> strains from Saudi Arabia with enhanced larvicidal toxicity against the mosquito vector <i>Anopheles gambiae</i> (s.l.). <i>Parasites and Vectors</i> , 2016, 9, 647.	1.0	30
1439	Diversity and distribution of alpha satellite DNA in the genome of an Old World monkey: <i>Cercopithecus solatus</i> . <i>BMC Genomics</i> , 2016, 17, 916.	1.2	20
1440	Complete mitochondrial genomes of living and extinct pigeons revise the timing of the columbiform radiation. <i>BMC Evolutionary Biology</i> , 2016, 16, 230.	3.2	38
1441	A System for Phylogenetic Analyses over Alignments of Next Generation Sequence Data. , 2016, , .		1
1442	Hantavirus pulmonary syndrome in a highly endemic area of Brazil. <i>Epidemiology and Infection</i> , 2016, 144, 1096-1106.	1.0	14
1443	The first characterization of multidrug and toxin extrusion (MATE/SLC47) proteins in zebrafish (<i>Danio</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.6	20
1444	Phylogeny and biogeography of the remarkable genus <i>Bondarzewia</i> (Basidiomycota, Russulales). <i>Scientific Reports</i> , 2016, 6, 34568.	1.6	31
1445	A whole mitochondria analysis of the Tyrolean Iceman™s leather provides insights into the animal sources of Copper Age clothing. <i>Scientific Reports</i> , 2016, 6, 31279.	1.6	95
1446	Inhibition of Recombinant Aldose-6-Phosphate Reductase from Peach Leaves by Hexose-Phosphates, Inorganic Phosphate and Oxidants. <i>Plant and Cell Physiology</i> , 2016, 58, pcw180.	1.5	9
1447	Mitogenomic phylogeny, diversification, and biogeography of South American spiny rats. <i>Molecular Biology and Evolution</i> , 2017, 34, msw261.	3.5	40
1448	Re-establishment of <i>Chamaecrista cultrifolia</i> (Leguminosae, Caesalpinioideae) based on morphological and molecular analyses. <i>Phytotaxa</i> , 2016, 265, 183.	0.1	6

#	ARTICLE	IF	CITATIONS
1449	<i>Lysimachia kraduengensis</i> (Primulaceae), a new species from northeastern Thailand. <i>Phytotaxa</i> , 2016, 289, 69.	0.1	3
1450	Disruption of phenylalanine hydroxylase reduces adult lifespan and fecundity, and impairs embryonic development in parthenogenetic pea aphids. <i>Scientific Reports</i> , 2016, 6, 34321.	1.6	34
1451	Phylogenetic Position and Morphological Observation of the <i>Ctenocladus circinnatus</i> Borzi, a rare green alga from Changtang Plateau, China. <i>Phytotaxa</i> , 2016, 260, 75.	0.1	5
1452	Genome Sequence of <i>Hafnia alvei</i> bta3_1, a Bacterium with Antimicrobial Properties Isolated from Honey Bee Gut. <i>Genome Announcements</i> , 2016, 4, .	0.8	17
1453	AM fungi patchiness and the clonal growth of <i>Glechoma hederacea</i> in heterogeneous environments. <i>Scientific Reports</i> , 2016, 6, 37852.	1.6	15
1454	Bioinformatic analysis of <i>Arabidopsis</i> reverse transcriptases with a zinc-finger domain. <i>Biologia (Poland)</i> , 2016, 71, 1223-1229.	0.8	3
1455	Is plant evolutionary history impacting recruitment of diazotrophs and <i>nifH</i> expression in the rhizosphere?. <i>Scientific Reports</i> , 2016, 6, 21690.	1.6	37
1456	Immune DNA signature of T-cell infiltration in breast tumor exomes. <i>Scientific Reports</i> , 2016, 6, 30064.	1.6	30
1457	Evolution of mitochondrial genomes in Baikalian amphipods. <i>BMC Genomics</i> , 2016, 17, 1016.	1.2	33
1458	Fungal Planet description sheets: 469-557. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2016, 37, 218-403.	1.6	196
1459	Characterization of a <i>MADS</i> Flowering Locus C "like" (<i>MFL</i>) in <i>Cynara cardunculus</i> var. <i>atilis</i> under different sowing and planting density. <i>Acta Horticulturae</i> , 2016, , 301-308.	0.1	3
1460	Gender-Associated Mitochondrial DNA Heteroplasmy in Somatic Tissues of the Endangered Freshwater Mussel <i>Unio crassus</i> (Bivalvia: Unionidae): Implications for Sex Identification and Phylogeographical Studies. <i>Journal of Experimental Zoology</i> , 2016, 325, 610-625.	1.2	20
1461	Animal inference on human mitochondrial diseases. <i>Computational Biology and Chemistry</i> , 2016, 62, 17-28.	1.1	0
1462	Structure-Function Relationships in L-Amino Acid Deaminase, a Flavoprotein Belonging to a Novel Class of Biotechnologically Relevant Enzymes. <i>Journal of Biological Chemistry</i> , 2016, 291, 10457-10475.	1.6	46
1463	Genome size and ploidy influence angiosperm species' biomass under nitrogen and phosphorus limitation. <i>New Phytologist</i> , 2016, 210, 1195-1206.	3.5	117
1464	Complex Ancestries of Isoprenoid Synthesis in Dinoflagellates. <i>Journal of Eukaryotic Microbiology</i> , 2016, 63, 123-137.	0.8	17
1465	Decoupled genomic elements and the evolution of partner quality in nitrogen-fixing rhizobia. <i>Ecology and Evolution</i> , 2016, 6, 1317-1327.	0.8	14
1466	Methicillin-susceptible strains responsible for postoperative orthopedic infection are not selected by the use of cefazolin in prophylaxis. <i>Diagnostic Microbiology and Infectious Disease</i> , 2016, 84, 266-267.	0.8	4

#	ARTICLE	IF	CITATIONS
1467	The genome and genetics of a high oxidative stress tolerant <i>Serratia</i> sp. LCN16 isolated from the plant parasitic nematode <i>Bursaphelenchus xylophilus</i> . <i>BMC Genomics</i> , 2016, 17, 301.	1.2	18
1468	Characterization of glutathione S-transferases from the <i>Aspine</i> wood nematode, <i>Bursaphelenchus xylophilus</i> . <i>Nematology</i> , 2016, 18, 697-709.	0.2	20
1469	New species of xerocomoid boletes (Boletaceae) from Himalayan India based on morphological and molecular evidence. <i>Mycologia</i> , 2016, 108, 753-764.	0.8	11
1470	<i>Micarea soralifera</i> sp. nov., a new sorediate species in the <i>M. prasina</i> group. <i>Lichenologist</i> , 2016, 48, 161-169.	0.5	30
1471	BrucellaBase: Genome information resource. <i>Infection, Genetics and Evolution</i> , 2016, 43, 38-42.	1.0	9
1472	Comparative analyses of phenotypic methods and 16S rRNA, <i>khe</i> , <i>rpoB</i> genes sequencing for identification of clinical isolates of <i>Klebsiella pneumoniae</i> . <i>Antonie Van Leeuwenhoek</i> , 2016, 109, 1029-1040.	0.7	20
1473	Taxonomy and molecular phylogeny of Diatrypaceae (Ascomycota, Xylariales) species from the Brazilian semi-arid region, including four new species. <i>Mycological Progress</i> , 2016, 15, 1.	0.5	27
1474	Regulation of genetic flux between bacteria by restriction modification systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 5658-5663.	3.3	161
1475	Reviving Galápagos snails: ancient DNA extraction and amplification from shells of probably extinct endemic land snails. <i>Journal of Molluscan Studies</i> , 2016, 82, 449-456.	0.4	15
1476	An integrated system for planning, navigation and robotic assistance for mandible reconstruction surgery. <i>Intelligent Service Robotics</i> , 2016, 9, 113-121.	1.6	24
1477	Leucocytozoon Diversity and Possible Vectors in the Neotropical highlands of Colombia. <i>Protist</i> , 2016, 167, 185-204.	0.6	49
1478	Non-equivalence of Key Positively Charged Residues of the Free Fatty Acid 2 Receptor in the Recognition and Function of Agonist Versus Antagonist Ligands. <i>Journal of Biological Chemistry</i> , 2016, 291, 303-317.	1.6	49
1479	Physalis and physaloids: A recent and complex evolutionary history. <i>Molecular Phylogenetics and Evolution</i> , 2016, 100, 41-50.	1.2	36
1480	Molecular Phylogeny and Recircumscription of the Fern Genus <i>Pecluma</i> (Polypodiaceae Polypodiopsida). <i>Phytotaxa</i> , 2016, 247, 235.	0.1	13
1481	On a New Species of Parasitic Barnacle (Crustacea: Rhizocephala), <i>Sacculina shiino</i> sp. nov., Parasitizing Japanese Mud Shrimps <i>Upogebia</i> spp. (Decapoda: Thalassinidea: Upogebiidae), Including a Description of a Novel Morphological Structure in the Rhizocephala. <i>Zoological Science</i> , 2016, 33, 204-212.	0.3	9
1482	<i>Chaetoceros coloradensis</i> sp. nov. (Bacillariophyta, Chaetocerotaceae), a new inland species from Little Gaynor Lake, Colorado, North America. <i>Phytotaxa</i> , 2016, 255, 199.	0.1	4
1483	Genomic structure and expression of immunoglobulins in Squamata. <i>Molecular Immunology</i> , 2016, 72, 81-91.	1.0	27
1484	Variability of the mtDNA control region in goose <i>Anser albifrons</i> Scopoli, 1769. <i>Russian Journal of Genetics</i> , 2016, 52, 314-319.	0.2	2

#	ARTICLE	IF	CITATIONS
1485	A fungal pathogen secretes plant alkalizing peptides to increase infection. <i>Nature Microbiology</i> , 2016, 1, 16043.	5.9	249
1486	Evolutionary diversification of retinoic acid receptor ligand-binding pocket structure by molecular tinkering. <i>Royal Society Open Science</i> , 2016, 3, 150484.	1.1	9
1487	An Ancient Trans-Kingdom Horizontal Transfer of <i>Penelope</i> -like Retroelements from Arthropods to Conifers. <i>Genome Biology and Evolution</i> , 2016, 8, evw076.	1.1	34
1488	Insights into the <i>Prunus</i> -Specific S-RNase-Based Self-Incompatibility System from a Genome-Wide Analysis of the Evolutionary Radiation of <i>S</i> -Locus-Related F-box Genes. <i>Plant and Cell Physiology</i> , 2016, 57, 1281-1294.	1.5	32
1489	Genome-wide analysis identifies gain and loss/change of function within the small multigenic insecticidal Albumin 1 family of <i>Medicago truncatula</i> . <i>BMC Plant Biology</i> , 2016, 16, 63.	1.6	13
1490	Reversible Burst of Transcriptional Changes during Induction of Crassulacean Acid Metabolism in <i>Talinum triangulare</i> . <i>Plant Physiology</i> , 2016, 170, 102-122.	2.3	93
1491	Reducing long-branch effects in multi-protein data uncovers a close relationship between Alveolata and Rhizaria. <i>Molecular Phylogenetics and Evolution</i> , 2016, 101, 1-7.	1.2	25
1492	Characterization of a highly polymorphic region closely linked to the AST locus and its potential use in breeding of hexaploid persimmon (<i>Diospyros kaki</i> Thunb.). <i>Molecular Breeding</i> , 2016, 36, 1.	1.0	14
1493	Functional Conservation and Divergence of <i>daf-22</i> Paralogs in <i>Pristionchus pacificus</i> Dauer Development. <i>Molecular Biology and Evolution</i> , 2016, 33, 2506-2514.	3.5	34
1494	Morphological and genetic identification and isotopic study of the hair of a cave lion (<i>Panthera</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 3 2016, 142, 61-73.	1.4	10
1495	Multigene-based phylogeny of the ciliate families Amphiseliellidae and Trachelostylidae (Protozoa:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3 2016, 142, 61-73.	1.2	45
1496	DNA Barcoding in Marine Perspectives. , 2016, , .		4
1497	A Search for a Single DNA Barcode for Seagrasses of the World. , 2016, , 313-330.		3
1498	Tying up the Ends: Plasticity in the Recognition of Single-Stranded DNA at Telomeres. <i>Biochemistry</i> , 2016, 55, 5326-5340.	1.2	21
1499	16S rRNA Amplicon Sequencing for Epidemiological Surveys of Bacteria in Wildlife. <i>MSystems</i> , 2016, 1, .	1.7	106
1500	Phylogeny and generic delimitation in Molluginaceae, new pigment data in Caryophyllales, and the new family Corbichoniaceae. <i>Taxon</i> , 2016, 65, 775-793.	0.4	38
1501	Phylogenetic structure and habitat associations of <i>Beauveria</i> species isolated from soils in Slovakia. <i>Journal of Invertebrate Pathology</i> , 2016, 140, 46-50.	1.5	22
1502	Induction of HIV Neutralizing Antibody Lineages in Mice with Diverse Precursor Repertoires. <i>Cell</i> , 2016, 166, 1471-1484.e18.	13.5	198

#	ARTICLE	IF	CITATIONS
1503	Isolation of Treponema DNA from Necrophagous Flies in a Natural Ecosystem. EBioMedicine, 2016, 11, 85-90.	2.7	27
1504	The genetic diversity, phylogeography and morphology of Elphidiidae (Foraminifera) in the Northeast Atlantic. Marine Micropaleontology, 2016, 129, 1-23.	0.5	69
1505	HCV1b genome evolution under selective pressure of the cyclophilin inhibitor alisporivir during the DEB-025-HCV-203 phase II clinical trial. Infection, Genetics and Evolution, 2016, 44, 169-181.	1.0	3
1506	A Clonal Lineage of Fusarium oxysporum Circulates in the Tap Water of Different French Hospitals. Applied and Environmental Microbiology, 2016, 82, 6483-6489.	1.4	11
1507	Does a blue crab putative insulin-like peptide binding protein (ILPBP) play a role in a virus infection?. Fish and Shellfish Immunology, 2016, 58, 340-348.	1.6	9
1508	Phylogenetic relationships of the species of Oxytropis DC. subg. Oxytropis and Phacoxytropis (Fabaceae) from Asian Russia inferred from the nucleotide sequence analysis of the intergenic spacers of the chloroplast genome. Russian Journal of Genetics, 2016, 52, 780-793.	0.2	27
1509	The secretome of Acinetobacter baumannii ATCC 17978 type II secretion system reveals a novel plasmid encoded phospholipase that could be implicated in lung colonization. International Journal of Medical Microbiology, 2016, 306, 633-641.	1.5	18
1510	Spectroscopic investigation of auranofin binding to zinc finger HIV-2 nucleocapsid peptides. Inorganica Chimica Acta, 2016, 453, 330-338.	1.2	7
1511	The threadsnake tangle: lack of genetic divergence in <i>Epictia tenella</i> (Squamata). Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 427 Td (Le Neotropical Fauna and Environment, 2016, 51, 197-205.	0.5	7
1512	Impact of untreated urban waste on the prevalence and antibiotic resistance profiles of human opportunistic pathogens in agricultural soils from Burkina Faso. Environmental Science and Pollution Research, 2016, 23, 25299-25311.	2.7	11
1513	An optimised phylogenetic method sheds more light on the main branching events of rhodopsin-like superfamily. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2016, 20, 85-94.	0.4	17
1514	Nocardia arthritidis as a cause of disseminated nocardiosis in a patient with chronic lymphocytic leukemia. IDCases, 2016, 6, 68-71.	0.4	3
1515	Identification of three somatostatin genes in lampreys. General and Comparative Endocrinology, 2016, 237, 89-97.	0.8	13
1516	Soil type determines the distribution of nutrient mobilizing bacterial communities in the rhizosphere of beech trees. Soil Biology and Biochemistry, 2016, 103, 429-445.	4.2	37
1517	Evolution of bacterial recombinase A (recA) in eukaryotes explained by addition of genomic data of key microbial lineages. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20161453.	1.2	10
1518	Chemical systematics of Neotropical termite genera with symmetrically snapping soldiers (Termitidae: Tj ETQq1 1 0.784314 rgBT /Overlock 1.0	1.0	3
1519	Control of inflorescence architecture in tomato by BTB/POZ transcriptional regulators. Genes and Development, 2016, 30, 2048-2061.	2.7	128
1520	Genetic characterization of a red colour morph of <i>Euphorbia esula</i> subsp. <i>esula</i> (Euphorbiaceae) in the floodplains of the Saône (Eastern France). Botany, 2016, 94, 1001-1007.	0.5	1

#	ARTICLE	IF	CITATIONS
1521	Circumscription of species of <i>Hodophilus</i> (Clavariaceae, Agaricales) in North America with naphthalene odours. <i>Botany</i> , 2016, 94, 941-956.	0.5	13
1522	Molecular epidemiology of human enterovirus 71 at the origin of an epidemic of fatal hand, foot and mouth disease cases in Cambodia. <i>Emerging Microbes and Infections</i> , 2016, 5, 1-9.	3.0	54
1523	Hypothetical granulin-like molecule from <i>Fasciola hepatica</i> identified by bioinformatics analysis. <i>SpringerPlus</i> , 2016, 5, 773.	1.2	5
1524	High migration rates shape the postglacial history of amphiatlantic bryophytes. <i>Molecular Ecology</i> , 2016, 25, 5568-5584.	2.0	22
1525	TRPA5, an Ankyrin Subfamily Insect TRP Channel, is Expressed in Antennae of <i>Cydia pomonella</i> (Lepidoptera: Tortricidae) in Multiple Splice Variants. <i>Journal of Insect Science</i> , 2016, 16, 83.	0.6	13
1526	Genome-Wide Screening of Retroviral Envelope Genes in the Nine-Banded Armadillo (<i>Dasypus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 Receptor. <i>Journal of Virology</i> , 2016, 90, 8132-8149.	1.5	13
1527	Clusters of alpha satellite on human chromosome 21 are dispersed far onto the short arm and lack ancient layers. <i>Chromosome Research</i> , 2016, 24, 421-436.	1.0	7
1528	Thyroglobulin Represents a Novel Molecular Architecture of Vertebrates. <i>Journal of Biological Chemistry</i> , 2016, 291, 16553-16566.	1.6	38
1529	Cell division of <i>Streptococcus pneumoniae</i> : think positive!. <i>Current Opinion in Microbiology</i> , 2016, 34, 18-23.	2.3	23
1530	Symbiotic Association of the Bivalve <i>Tellimya fujitaniana</i> (Galeommatoidae) with the Heart Urchin <i>Echinocardium cordatum</i> (Spatangoida) in the Northwestern Pacific. <i>Zoological Science</i> , 2016, 33, 434-440.	0.3	5
1531	High regional genetic diversity and lack of host-specificity in <i>Ostrinia nubilalis</i> (Lepidoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.5	3
1532	Bacteria of the genus <i>Rhodopseudomonas</i> (Bradyrhizobiaceae): obligate symbionts in mycelial cultures of the black truffles <i>Tuber melanosporum</i> and <i>Tuber brumale</i> . <i>SpringerPlus</i> , 2016, 5, 1085.	1.2	21
1533	Typification of Friesian names in <i>Cortinarius</i> sections <i>Anomali</i> , <i>Spilomei</i> , and <i>Bolares</i> , and description of two new species from northern Europe. <i>Mycological Progress</i> , 2016, 15, 903-919.	0.5	15
1534	Three Novel Haplotypes of <i>Theileria bicornis</i> in Black and White Rhinoceros in Kenya. <i>Transboundary and Emerging Diseases</i> , 2016, 63, e144-e150.	1.3	4
1535	Evidence for an Opportunistic and Endophytic Lifestyle of the Bursaphelenchus xylophilus-Associated Bacteria <i>Serratia marcescens</i> PWN146 Isolated from Wilting <i>Pinus pinaster</i> . <i>Microbial Ecology</i> , 2016, 72, 669-681.	1.4	22
1536	HU histone-like DNA-binding protein from <i>Thermus thermophilus</i> : structural and evolutionary analyses. <i>Extremophiles</i> , 2016, 20, 695-709.	0.9	21
1537	Complete genome analysis of a rare G12P[6] rotavirus isolated in Thailand in 2012 reveals a prototype strain of DS-1-like constellation. <i>Virus Research</i> , 2016, 224, 38-45.	1.1	7
1539	<i>Placobdella multilineata</i> Moore, 1953 (Hirudinida: Glossiphoniidae) from the Gulf Coast Box Turtle, <i>Terrapene carolina major</i> (Agassiz, 1857) (Testudines: Emydidae) in Mississippi, U.S.A.. <i>Comparative Parasitology</i> , 2016, 83, 272-274.	0.0	0

#	ARTICLE	IF	CITATIONS
1540	Evolutionary systematics and biogeography of the arid habitat-adapted rodent genus <i>Gerbillus</i> (Rodentia, Muridae): a mostly Plio-Pleistocene African history. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2016, 54, 299-317.	0.6	22
1541	Interspecific correlation between red blood cell mitochondrial ROS production, cardiolipin content and longevity in birds. <i>Age</i> , 2016, 38, 433-443.	3.0	27
1542	A Bowl with Marbles: Revision of the Thecate Amoeba Genus <i>Lecythium</i> (Chlamydropyriidae). <i>Journal of Eukaryotic Microbiology</i> , 2016, 167, 440-459.	0.6	22
1543	Multi-gene-based phylogenetic analysis of oligotrich ciliates with emphasis on two dominant groups: Cyrtostrombidiids and strombidiids (Protozoa, Ciliophora). <i>Molecular Phylogenetics and Evolution</i> , 2016, 105, 241-250.	1.2	22
1544	A New Freshwater Naked Lobose Amoeba <i>Korotnevella venosa</i> n. sp. (Amoebozoa, Discosea). <i>Journal of Eukaryotic Microbiology</i> , 2016, 63, 834-840.	0.8	6
1545	On the contribution of Angola to the initial spread of HIV-1. <i>Infection, Genetics and Evolution</i> , 2016, 46, 219-222.	1.0	11
1546	Multilocus phylogenetic reconstruction of the Clavariaceae (Agaricales) reveals polyphyly of agaricoid members. <i>Mycologia</i> , 2016, 108, 860-868.	0.8	20
1547	Guyanagarika, a new ectomycorrhizal genus of Agaricales from the Neotropics. <i>Fungal Biology</i> , 2016, 120, 1540-1553.	1.1	28
1548	Genetic structure of a morphological species within the amoeba genus <i>Korotnevella</i> (Amoebozoa).	0.5	20
1549	A draft genome of the brown alga, <i>Cladosiphon okamuranus</i> , S-strain: a platform for future studies of <i>Cladosiphon</i> biology. <i>DNA Research</i> , 2016, 23, 561-570.	1.5	73
1550	The Evolution of Innate Immune Genes: Purifying and Balancing Selection on Î²-Defensins in Waterfowl. <i>Molecular Biology and Evolution</i> , 2016, 33, 3075-3087.	3.5	38
1551	What are the evolutionary mechanisms explaining the similar species richness patterns in tropical mosses? Insights from the phylogeny of the pantropical genus <i>Pelekium</i> . <i>Molecular Phylogenetics and Evolution</i> , 2016, 105, 139-145.	1.2	11
1552	Islands of linkage in an ocean of pervasive recombination reveals two-speed evolution of human cytomegalovirus genomes. <i>Virus Evolution</i> , 2016, 2, vew017.	2.2	83
1553	Molecular detection of the tracheal mite <i>Locustacarus buchneri</i> in native and non-native bumble bees in Chile. <i>Insectes Sociaux</i> , 2016, 63, 629-633.	0.7	12
1554	Population structure and acquisition of the vanB resistance determinant in German clinical isolates of <i>Enterococcus faecium</i> ST192. <i>Scientific Reports</i> , 2016, 6, 21847.	1.6	54
1555	Armed conflict and population displacement as drivers of the evolution and dispersal of <i>Mycobacterium tuberculosis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 13881-13886.	3.3	76
1556	Geographic Population Structure in Epstein-Barr Virus Revealed by Comparative Genomics. <i>Genome Biology and Evolution</i> , 2016, 8, 3284-3291.	1.1	29
1557	The Deep Origin and Recent Loss of Venom Toxin Genes in Rattlesnakes. <i>Current Biology</i> , 2016, 26, 2434-2445.	1.8	127

#	ARTICLE	IF	CITATIONS
1558	Flowering Time-Regulated Genes in Maize Include the Transcription Factor ZmMADS1. <i>Plant Physiology</i> , 2016, 172, 389-404.	2.3	70
1559	The molecular phylogeny of the sea star <i>Echinaster</i> (Asteroidea: Echinasteridae) provides insights for genus taxonomy. <i>Invertebrate Biology</i> , 2016, 135, 235-244.	0.3	9
1560	Positive Selection Linked with Generation of Novel Mammalian Dentition Patterns. <i>Genome Biology and Evolution</i> , 2016, 8, 2748-2759.	1.1	9
1561	Multiple Polyploidization Events across Asteraceae with Two Nested Events in the Early History Revealed by Nuclear Phylogenomics. <i>Molecular Biology and Evolution</i> , 2016, 33, 2820-2835.	3.5	149
1562	Post-glacial colonization of Europe by the wood mouse, <i>Apodemus sylvaticus</i> : evidence of a northern refugium and dispersal with humans. <i>Biological Journal of the Linnean Society</i> , 2016, . .	0.7	16
1563	Morphology, Biology, and Phylogenetic Position of the Bivalve <i>Platomysia rugata</i> (Heterodonta). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i> 2016, 33, 441-447.	0.3	3
1564	Assessing Host-Virus Codivergence for Close Relatives of Merkel Cell Polyomavirus Infecting African Great Apes. <i>Journal of Virology</i> , 2016, 90, 8531-8541.	1.5	21
1565	High-throughput proteome dynamics for discovery of key proteins in sentinel species: Unsuspected vitellogenins diversity in the crustacean <i>Gammarus fossarum</i> . <i>Journal of Proteomics</i> , 2016, 146, 207-214.	1.2	15
1566	Phylogenetic reconstruction based on <i>COI</i> reshuffles the taxonomy of hyalosphenid shelled (testate) amoebae and reveals the convoluted evolution of shell plate shapes. <i>Cladistics</i> , 2016, 32, 606-623.	1.5	39
1567	Codetection of Respiratory Syncytial Virus in Habituated Wild Western Lowland Gorillas and Humans During a Respiratory Disease Outbreak. <i>EcoHealth</i> , 2016, 13, 499-510.	0.9	39
1568	Phylogenetic incongruence and the evolutionary origins of cardenolide-resistant forms of Na ⁺ /K ⁺ -ATPase in <i>Danaus</i> butterflies. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 1913-1921.	1.1	16
1569	The elusive predisposition to mycoheterotrophy in Ericaceae. <i>New Phytologist</i> , 2016, 212, 314-319.	3.5	31
1571	Clinical and laboratory features of canine <i>Anaplasma platys</i> infection in 32 naturally infected dogs in the Mediterranean basin. <i>Ticks and Tick-borne Diseases</i> , 2016, 7, 1256-1264.	1.1	25
1572	The Identification of the Closest Living Relative(s) of Tetrapods: Phylogenomic Lessons for Resolving Short Ancient Internodes. <i>Systematic Biology</i> , 2016, 65, 1057-1075.	2.7	45
1573	Molecular phylogeny and systematics of the <i>Polysphincta</i> group of genera (Hymenoptera). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	1.7	34
1574	Infecting HIV-1 Subtype Predicts Disease Progression in Women of Sub-Saharan Africa. <i>EBioMedicine</i> , 2016, 13, 305-314.	2.7	74
1575	Barcoding Heliozoa: Perspectives of 18S rDNA for Distinguishing Between <i>Acanthocystis</i> Species. <i>Protist</i> , 2016, 167, 555-567.	0.6	10
1576	Structural investigation of heteroyohimbine alkaloid synthesis reveals active site elements that control stereoselectivity. <i>Nature Communications</i> , 2016, 7, 12116.	5.8	85

#	ARTICLE	IF	CITATIONS
1577	Impact of donorâ€™recipient phylogenetic distance on bacterial genome transplantation. <i>Nucleic Acids Research</i> , 2016, 44, 8501-8511.	6.5	60
1578	A molecular analysis reveals hidden species diversity within the current concept of <i>Russula maculata</i> (Russulaceae, Basidiomycota). <i>Phytotaxa</i> , 2016, 270, 71.	0.1	18
1579	Structure and Function of the Nuclear Pore Complex Cytoplasmic mRNA Export Platform. <i>Cell</i> , 2016, 167, 1215-1228.e25.	13.5	148
1580	Bats, Primates, and the Evolutionary Origins and Diversification of Mammalian Gammaherpesviruses. <i>MBio</i> , 2016, 7, .	1.8	31
1582	An African Origin of the Eurylaimides (Passeriformes) and the Successful Diversification of the Ground-Foraging Pittas (Pittidae). <i>Molecular Biology and Evolution</i> , 2016, 34, msw250.	3.5	9
1583	Identification of candidate genes related to calanolide biosynthesis by transcriptome sequencing of <i>Calophyllum brasiliense</i> (Calophyllaceae). <i>BMC Plant Biology</i> , 2016, 16, 177.	1.6	7
1584	A phylogenetic revision of <i>Penicillium</i> sect. <i>Exilicaulis</i> , including nine new species from fynbos in South Africa. <i>IMA Fungus</i> , 2016, 7, 75-117.	1.7	32
1585	Small family, big impact: In silico analysis of DREB2 transcription factor family in rice. <i>Computational Biology and Chemistry</i> , 2016, 65, 128-139.	1.1	22
1586	Evolutionary interplay between sister cytochrome P450 genes shapes plasticity in plant metabolism. <i>Nature Communications</i> , 2016, 7, 13026.	5.8	44
1587	Mapping the genomic diversity of HCV subtypes 1a and 1b: Implications of structural and immunological constraints for vaccine and drug development. <i>Virus Evolution</i> , 2016, 2, vew024.	2.2	17
1588	Reconstructing contact network parameters from viral phylogenies. <i>Virus Evolution</i> , 2016, 2, vew029.	2.2	10
1589	KinView: a visual comparative sequence analysis tool for integrated kinome research. <i>Molecular BioSystems</i> , 2016, 12, 3651-3665.	2.9	47
1590	Transcriptional start site turnover in the evolution of bacterial paralogous genes â€‘ the <i>pelEâ€™pelD</i> virulence genes in <i>Dickeya</i>. <i>FEBS Journal</i> , 2016, 283, 4192-4207.	2.2	15
1591	Orthogonal Protein Translation Using Pyrrolysyl-tRNA Synthetases for Single- and Multiple-Noncanonical Amino Acid Mutagenesis. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2016, 162, 1-19.	0.6	6
1592	Convergent evolution of aquatic life by sexual and parthenogenetic oribatid mites. <i>Experimental and Applied Acarology</i> , 2016, 70, 439-453.	0.7	17
1593	Impact of a homing intein on recombination frequency and organismal fitness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E4654-61.	3.3	33
1594	Secondary metabolite gene clusters in the entomopathogen fungus <i>Metarhizium anisopliae</i> : genome identification and patterns of expression in a cuticle infection model. <i>BMC Genomics</i> , 2016, 17, 736.	1.2	36
1595	Studying Evolutionary Dynamics of Gene Families Encoding SUMO-Activating Enzymes with SeaView and ProtTest. <i>Methods in Molecular Biology</i> , 2016, 1450, 273-284.	0.4	3

#	ARTICLE	IF	CITATIONS
1596	First report of <i>Setaria tundra</i> in roe deer (<i>Capreolus capreolus</i>) from the Iberian Peninsula inferred from molecular data: epidemiological implications. <i>Parasites and Vectors</i> , 2016, 9, 521.	1.0	10
1597	Natural HCV variants with increased replicative fitness due to NS3 helicase mutations in the C-terminal helix ± 18 . <i>Scientific Reports</i> , 2016, 6, 19526.	1.6	14
1598	An emerging zoonotic clone in the Netherlands provides clues to virulence and zoonotic potential of <i>Streptococcus suis</i> . <i>Scientific Reports</i> , 2016, 6, 28984.	1.6	41
1599	Contrasted phylogeographic patterns on mitochondrial DNA of shallow and deep brittle stars across the Atlantic-Mediterranean area. <i>Scientific Reports</i> , 2016, 6, 32425.	1.6	35
1600	Assessing the feasibility of fly based surveillance of wildlife infectious diseases. <i>Scientific Reports</i> , 2016, 6, 37952.	1.6	19
1601	Nematode endoparasites do not codiversify with their stick insect hosts. <i>Ecology and Evolution</i> , 2016, 6, 5446-5458.	0.8	7
1602	Genotypic Prediction of Co-receptor Tropism of HIV-1 Subtypes A and C. <i>Scientific Reports</i> , 2016, 6, 24883.	1.6	29
1603	<i>Alloionema similis</i> n. sp., a genetically divergent sibling species of <i>A. appendiculatum</i> Schneider, 1859 (Rhabditida: Alloionematidae) from invasive slugs in California, USA. <i>Systematic Parasitology</i> , 2016, 93, 877-898.	0.5	6
1604	Newly developed microsatellite markers for the pan-European duck mussel, <i>Anodonta anatina</i> : revisiting the main mitochondrial lineages. <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2016, 26, 307-318.	0.9	20
1605	Brazilian Semi-Arid Ascomycetes II: New and interesting records of Bertiaceae, Nitschkiaceae and Scortechiniaceae (Coronophorales, Sordariomycetes). <i>Nova Hedwigia</i> , 2016, 102, 513-522.	0.2	3
1606	The plasmid-mediated evolution of the mycobacterial ESX (Type VII) secretion systems. <i>BMC Evolutionary Biology</i> , 2016, 16, 62.	3.2	61
1607	Comparative genomics of <i>Prausserella</i> sp. Am3, an actinobacterium isolated from root nodules of <i>Alnus nepalensis</i> in India. <i>Symbiosis</i> , 2016, 70, 49-58.	1.2	7
1608	Diversity of luciferase sequences and bioluminescence production in Baltic Sea <i>Alexandrium ostenfeldii</i> . <i>European Journal of Phycology</i> , 2016, 51, 317-327.	0.9	5
1609	COMPLETE GENOMIC SEQUENCE OF VIRULENT PIGEON PARAMYXOVIRUS IN LAUGHING DOVES (<i>STREPTOPELIA SENEGALENSIS</i>) IN KENYA. <i>Journal of Wildlife Diseases</i> , 2016, 52, 599-608.	0.3	6
1610	Host-Associated Genomic Features of the Novel Uncultured Intracellular Pathogen <i>Ca. Ichthyocystis</i> Revealed by Direct Sequencing of Epitheliocysts. <i>Genome Biology and Evolution</i> , 2016, 8, 1672-1689.	1.1	12
1611	Insights into Symbiont Population Structure among Three Vestimentiferan Tubeworm Host Species at Eastern Pacific Spreading Centers. <i>Applied and Environmental Microbiology</i> , 2016, 82, 5197-5205.	1.4	28
1612	The <i>in vitro</i> effect of selected essential oils on the growth and mycotoxin production of <i>Aspergillus</i> species. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2016, 51, 668-674.	0.7	38
1613	Species divergence in <i>Iris</i> series <i>Lacteae</i> (Iridaceae) in Russia and adjacent countries based on chloroplast DNA sequence data. <i>Russian Journal of Genetics</i> , 2016, 52, 507-516.	0.2	5

#	ARTICLE	IF	CITATIONS
1614	Evolution of initiator tRNAs and selection of methionine as the initiating amino acid. <i>RNA Biology</i> , 2016, 13, 810-819.	1.5	22
1615	Molecular detection, identification and phylogenetic inference of <i>Leishmania</i> spp. in some desert lizards from Northwest China by using internal transcribed spacer 1 (ITS1) sequences. <i>Acta Tropica</i> , 2016, 162, 83-94.	0.9	14
1616	Tree species select diverse soil fungal communities expressing different sets of lignocellulolytic enzyme-encoding genes. <i>Soil Biology and Biochemistry</i> , 2016, 100, 149-159.	4.2	19
1617	The evolution of mimicry of friarbirds by orioles (Aves: Passeriformes) in Australo-Pacific archipelagos. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20160409.	1.2	29
1618	Yeasts isolated from Algerian infants' feces revealed a burden of <i>Candida albicans</i> species, non- <i>albicans</i> <i>Candida</i> species and <i>Saccharomyces cerevisiae</i> . <i>Archives of Microbiology</i> , 2016, 198, 71-81.	1.0	16
1619	Genetic diversity and transmission networks of HIV-1 strains among men having sex with men (MSM) in Lomé, Togo. <i>Infection, Genetics and Evolution</i> , 2016, 46, 279-285.	1.0	6
1620	<i>Thiriotia euchirellae</i> n. sp., a new gregarine species (Apicomplexa: Eugregarinorida) from the mesopelagic copepod <i>Euchirella rostrata</i> in Sagami Bay, Japan. <i>Marine Biodiversity</i> , 2016, 46, 753-760.	0.3	3
1621	<i>Pseudoparamoeba microlepis</i> n. sp., <i>Korotnevelia fousa</i> n. sp. (Amoebozoa, Dactylopodida), with notes on the evolution of scales among dactylopodid amoebae. <i>European Journal of Protistology</i> , 2016, 54, 33-46.	0.5	10
1622	Human T cell responses to Japanese encephalitis virus in health and disease. <i>Journal of Experimental Medicine</i> , 2016, 213, 1331-1352.	4.2	96
1623	Optimizing production and evaluating biosynthesis in situ of a herbicidal compound, mevalocidin, from <i>Coniolaria</i> sp.. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2016, 43, 1149-1157.	1.4	29
1624	Description of <i>Lecythium terrestris</i> sp. nov. (Chlamydomphryidae, Cercozoa), a Soil Dwelling Protist Feeding on Fungi and Algae. <i>Protist</i> , 2016, 167, 93-105.	0.6	31
1625	Multilocus phylogeny and ecological differentiation of the <i>Eupelmus urozonus</i> species group (Hymenoptera, Eupelmidae) in the West-Palaearctic. <i>BMC Evolutionary Biology</i> , 2016, 16, 13.	3.2	15
1626	Identification of a Latin American-specific BabA adhesin variant through whole genome sequencing of <i>Helicobacter pylori</i> patient isolates from Nicaragua. <i>BMC Evolutionary Biology</i> , 2016, 16, 53.	3.2	20
1627	Genomic analysis of the nitrate-respiring <i>Sphingopyxis granuli</i> (formerly <i>Sphingomonas</i>) Tj ETQq1 1 0.784314 rgBT ₁ /Overlock ₁₀ Tf 50 2	1.2	44
1628	Consensus pan-genome assembly of the specialised wine bacterium <i>Oenococcus oeni</i> . <i>BMC Genomics</i> , 2016, 17, 308.	1.2	36
1629	Seqotron: a user-friendly sequence editor for Mac OS X. <i>BMC Research Notes</i> , 2016, 9, 106.	0.6	47
1630	Cultivation-independent approach for the direct detection of bacteria in human clinical specimens as a tool for analysing culture-negative samples: a prospective study. <i>SpringerPlus</i> , 2016, 5, 332.	1.2	8
1631	Bacterial diversity and tetrodotoxin analysis in the viscera of the gastropods from Portuguese coast. <i>Toxicon</i> , 2016, 119, 186-193.	0.8	19

#	ARTICLE	IF	CITATIONS
1632	Characterization of plant growth promoting traits of bacterial isolates from the rhizosphere of barley (<i>Hordeum vulgare</i> L.) and tomato (<i>Solanum lycopersicon</i> L.) grown under Fe sufficiency and deficiency. <i>Plant Physiology and Biochemistry</i> , 2016, 107, 187-196.	2.8	58
1633	Genome-wide view of genetic diversity reveals paths of selection and cultivar differentiation in peach domestication. <i>DNA Research</i> , 2016, 23, 271-282.	1.5	64
1634	The role of the glucose-sensing transcription factor carbohydrate-responsive element-binding protein pathway in termite queen fertility. <i>Open Biology</i> , 2016, 6, 160080.	1.5	8
1635	Genetic and morphological sex identification methods reveal a male-biased sex ratio in the Ivory Gull <i>Pagophila eburnea</i> . <i>Journal of Ornithology</i> , 2016, 157, 861-873.	0.5	12
1636	Relationship Between <i>Pneumocystis carinii</i> Burden and the Degree of Host Immunosuppression in an Airborne Transmission Experimental Model. <i>Journal of Eukaryotic Microbiology</i> , 2016, 63, 309-317.	0.8	4
1637	Investigating the origin and global dispersal history of hepatitis E virus genotype 4 using phylogeographical analysis. <i>Liver International</i> , 2016, 36, 31-41.	1.9	18
1638	Into and out of the tropics: global diversification patterns in a hyperdiverse clade of ectomycorrhizal fungi. <i>Molecular Ecology</i> , 2016, 25, 630-647.	2.0	108
1639	Reconstruction of phylogenetic relationships in dermatomycete genus <i>Trichophyton</i> Malmsten 1848 based on ribosomal internal transcribed spacer region, partial 28S rRNA and beta-tubulin genes sequences. <i>Mycoses</i> , 2016, 59, 566-575.	1.8	26
1640	Subspecific taxonomy of the desert locust, <i>Schistocerca gregaria</i> (Orthoptera: Acrididae), based on molecular and morphological characters. <i>Systematic Entomology</i> , 2016, 41, 516-530.	1.7	16
1641	Genome-wide identification of SNPs and copy number variation in common bean (<i>Phaseolus vulgaris</i> L.) using genotyping-by-sequencing (GBS). <i>Molecular Breeding</i> , 2016, 36, 1.	1.0	87
1642	Hybridization relics complicate barcode-based identification of species in earthworms. <i>Molecular Ecology Resources</i> , 2016, 16, 883-894.	2.2	33
1643	Cophylogenetic patterns are uncorrelated between two lineages of parasites on the same hosts. <i>Biological Journal of the Linnean Society</i> , 2016, 118, 813-828.	0.7	18
1644	Marine protected areas are insufficient to conserve global marine plant diversity. <i>Global Ecology and Biogeography</i> , 2016, 25, 324-334.	2.7	14
1645	Crustacean hyperglycaemic hormone gene from the mud crab, <i>Scylla paramamosain</i> : cloning, distribution and expression profiles during the moulting cycle and ovarian development. <i>Aquaculture Research</i> , 2016, 47, 2183-2194.	0.9	13
1646	Can light intensity cause shifts in natural product and bacterial profiles of the sponge <i>Aplysina aerophoba</i> ? <i>Marine Ecology</i> , 2016, 37, 88-105.	0.4	12
1647	How phylogeny shapes the taxonomic and functional structure of plant-insect networks. <i>Oecologia</i> , 2016, 180, 989-1000.	0.9	28
1648	New insights on the phylogeny and biology of the fungal ant pathogen <i>Aegeritella</i> . <i>Journal of Invertebrate Pathology</i> , 2016, 133, 1-7.	1.5	5
1649	Genome-Based Infection Tracking Reveals Dynamics of <i>Clostridium difficile</i> Transmission and Disease Recurrence. <i>Clinical Infectious Diseases</i> , 2016, 62, 746-752.	2.9	71

#	ARTICLE	IF	CITATIONS
1650	Catalytic Promiscuity of Ancestral Esterases and Hydroxynitrile Lyases. <i>Journal of the American Chemical Society</i> , 2016, 138, 1046-1056.	6.6	91
1651	PCR-specific detection of recently described <i>Lotmaria passim</i> (Trypanosomatidae) in Chilean apiaries. <i>Journal of Invertebrate Pathology</i> , 2016, 134, 1-5.	1.5	65
1652	Evolution of a Catalytic Mechanism. <i>Molecular Biology and Evolution</i> , 2016, 33, 971-979.	3.5	19
1653	Episodic Diversifying Selection Shaped the Genomes of Gibbon Ape Leukemia Virus and Related Gammaretroviruses. <i>Journal of Virology</i> , 2016, 90, 1757-1772.	1.5	8
1654	Evolution of <i>Prdm</i> Genes in Animals: Insights from Comparative Genomics. <i>Molecular Biology and Evolution</i> , 2016, 33, 679-696.	3.5	38
1655	On the origin of the recent herpetofauna of Sicily: Comparative phylogeography using homologous mitochondrial and nuclear genes. <i>Zoologischer Anzeiger</i> , 2016, 261, 70-81.	0.4	14
1656	CYP74B24 is the 13-hydroperoxide lyase involved in biosynthesis of green leaf volatiles in tea (<i>Camellia</i>). <i>Plant Physiology</i> , 2016, 171, 1000-1010.	2.8	14
1657	Wasabi: An Integrated Platform for Evolutionary Sequence Analysis and Data Visualization. <i>Molecular Biology and Evolution</i> , 2016, 33, 1126-1130.	3.5	55
1658	Colonization of new land by arbuscular mycorrhizal fungi. <i>Fungal Ecology</i> , 2016, 20, 22-29.	0.7	49
1659	<i>Yersinia</i> Type III Secretion System Master Regulator LcrF. <i>Journal of Bacteriology</i> , 2016, 198, 604-614.	1.0	44
1660	Utility of combining morphological characters, nuclear and mitochondrial genes: An attempt to resolve the conflicts of species identification for ciliated protists. <i>Molecular Phylogenetics and Evolution</i> , 2016, 94, 718-729.	1.2	62
1661	Preliminary studies on the evolution of carbon assimilation abilities within Mucorales. <i>Fungal Biology</i> , 2016, 120, 752-763.	1.1	8
1662	Role of the Interdomain Linker in RNA-Activated Protein Kinase Activation. <i>Biochemistry</i> , 2016, 55, 253-261.	1.2	2
1663	Amphibians have immunoglobulins similar to ancestral IgD and IgA from Amniotes. <i>Molecular Immunology</i> , 2016, 69, 52-61.	1.0	13
1664	Whole-Genome Identification, Phylogeny, and Evolution of the Cytochrome P450 Family 2 (CYP2) Subfamilies in Birds. <i>Genome Biology and Evolution</i> , 2016, 8, 1115-1131.	1.1	20
1665	A short LSU rRNA fragment as a standard marker for integrative taxonomy in calcareous sponges (Porifera: Calcarea). <i>Organisms Diversity and Evolution</i> , 2016, 16, 53-64.	0.7	35
1666	<i>Haemoproteus erythrogravidus</i> n. sp. (Haemosporida, Haemoproteidae): Description and molecular characterization of a widespread blood parasite of birds in South America. <i>Acta Tropica</i> , 2016, 159, 83-94.	0.9	24
1667	Generic identity of <i>Camptorrhiza indica</i> (Colchicaceae) based on cytogenetics and molecular phylogenetics. <i>Journal of Systematics and Evolution</i> , 2016, 54, 75-82.	1.6	5

#	ARTICLE	IF	CITATIONS
1668	Observations of two marine members of the genus <i>Cymbellonitzschia</i> (<i>Bacillariophyta</i>) from Tokyo Bay, Japan, with the description of the new species <i>Cymbellonitzschia banzuensis</i> . <i>Phycological Research</i> , 2016, 64, 26-34.	0.8	7
1669	Molecular Techniques in Mycological Studies and Sequence Data Curating: Quality Control and Challenges. <i>Fungal Biology</i> , 2016, , 47-64.	0.3	2
1670	Chelonid herpesvirus 5 in secretions and tumor tissues from green turtles (<i>Chelonia mydas</i>) from Southeastern Brazil: A ten-year study. <i>Veterinary Microbiology</i> , 2016, 186, 150-156.	0.8	25
1671	First phylogenetic analysis of Mesoamerican brocket deer <i>Mazama pandora</i> and <i>Mazama temama</i> (Cetartiodactyla: Cervidae) based on mitochondrial sequences: Implications for Neotropical deer evolution. <i>Mammalian Biology</i> , 2016, 81, 303-313.	0.8	23
1672	The alien species <i>Caulerpa cylindracea</i> and its associated bacteria in the Mediterranean Sea. <i>Marine Biology</i> , 2016, 163, 1.	0.7	24
1673	28S rDNA as an alternative marker for commercially important oyster identification. <i>Food Control</i> , 2016, 66, 205-214.	2.8	14
1674	The emergence of epitheliocystis in the upper Rhone region: evidence for Chlamydiae in wild and farmed salmonid populations. <i>Archives of Microbiology</i> , 2016, 198, 315-324.	1.0	14
1675	Phylogeny and adaptation shape the teeth of insular mice. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20152820.	1.2	35
1676	Large-Scale Analyses of Angiosperm Nucleotide-Binding Site-Leucine-Rich Repeat Genes Reveal Three Anciently Diverged Classes with Distinct Evolutionary Patterns. <i>Plant Physiology</i> , 2016, 170, 2095-2109.	2.3	269
1677	Enzootic Arbovirus Surveillance in Forest Habitat and Phylogenetic Characterization of Novel Isolates of Gamboa Virus in Panama. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 94, 786-793.	0.6	12
1678	â€Candidatus <i>Rickettsia mendelii</i> â€™, a novel basal group rickettsia detected in <i>Ixodes ricinus</i> ticks in the Czech Republic. <i>Ticks and Tick-borne Diseases</i> , 2016, 7, 482-486.	1.1	29
1679	Emerging pathogens of gilthead seabream: characterisation and genomic analysis of novel intracellular Î²-proteobacteria. <i>ISME Journal</i> , 2016, 10, 1791-1803.	4.4	34
1680	Growth release of stunted black spruce (<i>Picea mariana</i>) in <i>Kalmia</i> heath: the role of ectomycorrhizal fungi and near-ground microclimate. <i>Canadian Journal of Forest Research</i> , 2016, 46, 666-673.	0.8	4
1681	Hyper-accumulation of starch and oil in a <i>Chlamydomonas</i> mutant affected in a plant-specific DYRK kinase. <i>Biotechnology for Biofuels</i> , 2016, 9, 55.	6.2	50
1682	Molecular and morphological differentiation of sympatric larvae of coral excavating sponges of genus <i>Thoosa</i> . <i>Zoomorphology</i> , 2016, 135, 159-165.	0.4	7
1683	Characterization of triterpenoid profiles and triterpene synthase expression in the leaves of eight <i>Vitis vinifera</i> cultivars grown in the Upper Rhine Valley. <i>Journal of Plant Research</i> , 2016, 129, 499-512.	1.2	29
1684	Identification of wild tilapia species in the main rivers of south China using mitochondrial control region sequence and morphology. <i>Biochemical Systematics and Ecology</i> , 2016, 65, 100-107.	0.6	18
1685	Gene Family Expansions in Aphids Maintained by Endosymbiotic and Nonsymbiotic Traits. <i>Genome Biology and Evolution</i> , 2016, 8, 753-764.	1.1	27

#	ARTICLE	IF	CITATIONS
1686	Neuropeptide evolution: Chelicerate neurohormone and neuropeptide genes may reflect one or more whole genome duplications. <i>General and Comparative Endocrinology</i> , 2016, 229, 41-55.	0.8	39
1687	Discoveries, metabolic roles and diseases of mitochondrial carriers: A review. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 2362-2378.	1.9	179
1688	<i>Saccharomyces cerevisiae</i> Forms d-2-Hydroxyglutarate and Couples Its Degradation to d-Lactate Formation via a Cytosolic Transhydrogenase. <i>Journal of Biological Chemistry</i> , 2016, 291, 6036-6058.	1.6	56
1689	Homoplasious colony morphology and mito-nuclear phylogenetic discordance among Eastern Pacific octocorals. <i>Molecular Phylogenetics and Evolution</i> , 2016, 98, 373-381.	1.2	22
1690	Genetic variation of eggplant mottled dwarf virus from annual and perennial plant hosts. <i>Archives of Virology</i> , 2016, 161, 631-639.	0.9	16
1691	A comprehensive molecular phylogeny of spoon worms (Echiura, Annelida): Implications for morphological evolution, the origin of dwarf males, and habitat shifts. <i>Molecular Phylogenetics and Evolution</i> , 2016, 99, 247-260.	1.2	27
1692	Phylogenetic Analyses of Three Genes of <i>Pedinomonas noctilucae</i> , the Green Endosymbiont of the Marine Dinoflagellate <i>Noctiluca scintillans</i> , Reveal its Affiliation to the Order Marsupiomonadales (Chlorophyta, Pedinophyceae) under the Reinstated Name <i>Protoeuglena noctilucae</i> . <i>Protist</i> , 2016, 167, 205-216.	0.6	30
1693	Three nuclear and two membrane estrogen receptors in basal teleosts, <i>Anguilla</i> sp.: Identification, evolutionary history and differential expression regulation. <i>General and Comparative Endocrinology</i> , 2016, 235, 177-191.	0.8	32
1694	“ <i>Candidatus Finniella</i> ” (Rickettsiales, Alphaproteobacteria), Novel Endosymbionts of Viridiplantid Amoeboflagellates (Cercozoa, Rhizaria). <i>Applied and Environmental Microbiology</i> , 2016, 82, 659-670.	1.4	55
1695	The symbiotic life of <i>Symbiodinium</i> in the open ocean within a new species of calcifying ciliate (<i>Tiarina</i> sp.). <i>ISME Journal</i> , 2016, 10, 1424-1436.	4.4	37
1696	Molecular systematics of the Amazonian genus <i>Aldina</i> , a phylogenetically enigmatic ectomycorrhizal lineage of papilionoid legumes. <i>Molecular Phylogenetics and Evolution</i> , 2016, 97, 11-18.	1.2	18
1697	There and Back Again: Parallel Evolution of Cell Coverings in Centroheliid Heliozoans. <i>Protist</i> , 2016, 167, 51-66.	0.6	22
1698	Bacterial Community Structure and Functional Gene Diversity Associated with Arsenic Reduction and Release in an Industrially Contaminated Soil. <i>Geomicrobiology Journal</i> , 2016, 33, 839-849.	1.0	14
1699	Association of <i>Vibrio</i> community with the Atlantic Mediterranean invasive alga <i>Caulerpa cylindracea</i> . <i>Journal of Experimental Marine Biology and Ecology</i> , 2016, 475, 129-136.	0.7	28
1700	Genetic Diversity of <i>Clostridium sporogenes</i> PA 3679 Isolates Obtained from Different Sources as Resolved by Pulsed-Field Gel Electrophoresis and High-Throughput Sequencing. <i>Applied and Environmental Microbiology</i> , 2016, 82, 384-393.	1.4	17
1701	Some Like it High! Phylogenetic Diversity of High-Elevation Cyanobacterial Community from Biological Soil Crusts of Western Himalaya. <i>Microbial Ecology</i> , 2016, 71, 113-123.	1.4	38
1702	Fungal weathering of asbestos in semi arid regions of India. <i>Ecotoxicology and Environmental Safety</i> , 2016, 124, 186-192.	2.9	8
1703	Probe Design Strategies for Oligonucleotide Microarrays. <i>Methods in Molecular Biology</i> , 2016, 1368, 67-82.	0.4	2

#	ARTICLE	IF	CITATIONS
1704	Evolution of the KCS gene family in plants: the history of gene duplication, sub/neofunctionalization and redundancy. <i>Molecular Genetics and Genomics</i> , 2016, 291, 739-752.	1.0	65
1705	Viable Species of <i>Flamella</i> (Amoebozoa: Varioseae) Isolated from Ancient Arctic Permafrost Sediments. <i>Protist</i> , 2016, 167, 13-30.	0.6	30
1706	Morphology and phylogeny of <i>Vannella croatica</i> n. sp. (Amoebozoa, Discosea, Vannellida). <i>European Journal of Protistology</i> , 2016, 52, 65-72.	0.5	6
1707	Introduction and Establishment of <i>Pissodes castaneus</i> (Coleoptera: Curculionidae) in the Andean Patagonia of Argentina. <i>Journal of Economic Entomology</i> , 2016, 109, 222-231.	0.8	6
1708	Xerotolerant fungi in house dust: taxonomy of <i>Spiromastix</i> , <i>Pseudospromastix</i> and <i>Sigleria</i> gen. nov. in Spiromastigaceae (Onygenales, Eurotiomycetes). <i>Mycologia</i> , 2016, 108, 135-156.	0.8	17
1709	Feasibility and effectiveness of a brief, intensive phylogenetics workshop in a middle-income country. <i>International Journal of Infectious Diseases</i> , 2016, 42, 24-27.	1.5	6
1710	The systematics of carnivorous sponges. <i>Molecular Phylogenetics and Evolution</i> , 2016, 94, 327-345.	1.2	40
1711	An augmented supermatrix phylogeny of the avian family Picidae reveals uncertainty deep in the family tree. <i>Molecular Phylogenetics and Evolution</i> , 2016, 94, 313-326.	1.2	29
1712	Phylogeography of the European sturgeon (<i>Acipenser sturio</i>): A critically endangered species. <i>Molecular Phylogenetics and Evolution</i> , 2016, 94, 346-357.	1.2	18
1713	Characterisation of seven <i>Inocybe</i> ectomycorrhizal morphotypes from a semiarid woody steppe. <i>Mycorrhiza</i> , 2016, 26, 215-225.	1.3	9
1714	Resolution of Brassicaceae Phylogeny Using Nuclear Genes Uncovers Nested Radiations and Supports Convergent Morphological Evolution. <i>Molecular Biology and Evolution</i> , 2016, 33, 394-412.	3.5	259
1715	Molecular organization of the 5S rDNA gene type II in elasmobranchs. <i>RNA Biology</i> , 2016, 13, 391-399.	1.5	1
1716	Preliminary analyses reveal strong genetic structure in populations of <i>Leucothoe vulgaris</i> (Crustacea: Amphipoda: Leucothoidae) from Okinawa, Japan. <i>Systematics and Biodiversity</i> , 2016, 14, 55-62.	0.5	16
1717	Phylogeography of the harvestman genus <i>Metasiro</i> (Arthropoda, Arachnida, Opiliones) reveals a potential solution to the Pangean paradox. <i>Organisms Diversity and Evolution</i> , 2016, 16, 167-184.	0.7	16
1718	Rhamnogalacturonan I modifying enzymes: an update. <i>New Biotechnology</i> , 2016, 33, 41-54.	2.4	27
1719	Homeodomain proteins: an update. <i>Chromosoma</i> , 2016, 125, 497-521.	1.0	322
1720	Genetic diversity of <i>Ralstonia solanacearum</i> phylotype II sequevar 4 strains associated with Moko disease of banana (<i>Musa</i> spp.) in Peninsular Malaysia. <i>European Journal of Plant Pathology</i> , 2016, 144, 257-270.	0.8	5
1721	A supermatrix phylogeny of corvid passerine birds (Aves: Corvidae). <i>Molecular Phylogenetics and Evolution</i> , 2016, 94, 87-94.	1.2	73

#	ARTICLE	IF	CITATIONS
1722	Diversity within the genus <i>Elymus</i> (Poaceae: Triticeae) II: analyses of variation within 5S nrDNA restrict membership in the genus to species with StH genomes. <i>Molecular Genetics and Genomics</i> , 2016, 291, 217-225.	1.0	4
1723	<i>Rhodnius prolixus</i> supergene families of enzymes potentially associated with insecticide resistance. <i>Insect Biochemistry and Molecular Biology</i> , 2016, 69, 91-104.	1.2	68
1724	Inhibition of <i>Vibrio</i> spp. by 2-Hydroxyethyl-1-Hydroxyhexadecanoate of Marine Cyanobacterium <i>Leptolyngbya</i> sp. <i>Aquaculture Research</i> , 2017, 48, 2088-2095.	0.9	8
1725	Evolutionary dynamics of satellite DNA repeats from <i>Phaseolus</i> beans. <i>Protoplasma</i> , 2017, 254, 791-801.	1.0	15
1726	Pruning the Pearlsides: Reconciling morphology and molecules in mesopelagic fishes (Maurolicus) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	0.6	12
1727	Environmental significance of morphological variations in the foraminifer <i>Ammonia aomoriensis</i> (Asano, 1951) and its molecular identification: A study from the Yellow Sea and East China Sea, PR China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2017, 483, 49-57.	1.0	14
1728	The novel fungal-specific gene FUG1 has a role in pathogenicity and fumonisin biosynthesis in <i>Fusarium verticillioides</i> . <i>Molecular Plant Pathology</i> , 2017, 18, 513-528.	2.0	24
1729	Homologues of <i>CsLOB1</i> in citrus function as disease susceptibility genes in citrus canker. <i>Molecular Plant Pathology</i> , 2017, 18, 798-810.	2.0	38
1730	A molecular phylogeny of marine amphipods in the herbivorous family Ampithoidae. <i>Zoologica Scripta</i> , 2017, 46, 85-95.	0.7	14
1731	The imperiled fish fauna in the Nicaragua Canal zone. <i>Conservation Biology</i> , 2017, 31, 86-95.	2.4	15
1732	The NBS-LRR architectures of plant R-proteins and metazoan NLRs evolved in independent events. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1063-1068.	3.3	113
1733	Demographic history of Heermann's Gull (<i>Larus heermanni</i>) from late Quaternary to present: Effects of past climate change in the Gulf of California. <i>Auk</i> , 2017, 134, 308-316.	0.7	4
1734	Historical biogeography and mitogenomics of two endemic Mediterranean gorgonians (<i>Holaxonia</i>) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	0.7	12
1735	Ritual complexity in a past community revealed by ancient DNA analysis of pre-colonial terracotta items from Northern Ghana. <i>Journal of Archaeological Science</i> , 2017, 79, 10-18.	1.2	4
1736	Ancient, highly conserved proteins from a LUCA with complex cell biology provide evidence in support of the nuclear compartment commonality (NuCom) hypothesis. <i>Research in Microbiology</i> , 2017, 168, 395-412.	1.0	9
1737	Horizontal gene transfer drives the evolution of Rh50 permeases in prokaryotes. <i>BMC Evolutionary Biology</i> , 2017, 17, 2.	3.2	18
1738	The <i>Ectocarpus IMMEDIATE UPRIGHT</i> gene encodes a member of a novel family of cysteine-rich proteins that have an unusual distribution across the eukaryotes. <i>Development (Cambridge)</i> , 2017, 144, 409-418.	1.2	27
1739	<i>Cortinarius stjernegaardii</i> and <i>C. kristinae</i> (Basidiomycota, Agaricales), two new European species with a mainly northern distribution. <i>Mycological Progress</i> , 2017, 16, 145-153.	0.5	4

#	ARTICLE	IF	CITATIONS
1740	Aminoacyl-tRNA-Utilizing Enzymes in Natural Product Biosynthesis. <i>Chemical Reviews</i> , 2017, 117, 5578-5618.	23.0	88
1741	Lineage-specific mutational clustering in protein structures predicts evolutionary shifts in function. <i>Bioinformatics</i> , 2017, 33, 1338-1345.	1.8	11
1742	A meiosis-specific Spt5 homolog involved in non-coding transcription. <i>Nucleic Acids Research</i> , 2017, 45, gkw1318.	6.5	20
1743	T-RECs: rapid and large-scale detection of recombination events among different evolutionary lineages of viral genomes. <i>BMC Bioinformatics</i> , 2017, 18, 13.	1.2	9
1744	Characterization of hexose transporters in <i>Yarrowia lipolytica</i> reveals new groups of Sugar Porters involved in yeast growth. <i>Fungal Genetics and Biology</i> , 2017, 100, 1-12.	0.9	31
1745	The liver transcriptome of suckermouth armoured catfish (<i>Pterygoplichthys anisitsi</i> , Loricariidae): Identification of expansions in defensome gene families. <i>Marine Pollution Bulletin</i> , 2017, 115, 352-361.	2.3	14
1746	Expression of the Potato Late Blight Resistance Gene <i>Rpi-phu1</i> and <i>Phytophthora infestans</i> Effectors in the Compatible and Incompatible Interactions in Potato. <i>Phytopathology</i> , 2017, 107, 740-748.	1.1	25
1747	Low Rates of Transmitted Drug Resistance Among Newly Identified HIV-1 Seroconverters in Rural Rakai, Uganda. <i>AIDS Research and Human Retroviruses</i> , 2017, 33, 448-451.	0.5	5
1748	Gene conversion events and variable degree of homogenization of rDNA loci in cultivars of <i>Brassica napus</i> . <i>Annals of Botany</i> , 2017, 119, 13-26.	1.4	36
1749	A molecular phylogeny reveals the Cuban enigmatic genus <i>Behaimia</i> as a new piece in the Brongniartieae puzzle of papilionoid legumes. <i>Molecular Phylogenetics and Evolution</i> , 2017, 109, 191-202.	1.2	13
1750	Relative benefits of amino acid, codon, degeneracy, DNA, and purine-pyrimidine character coding for phylogenetic analyses of exons. <i>Journal of Systematics and Evolution</i> , 2017, 55, 85-109.	1.6	24
1751	Amoebozoans are Secretly but Ancestrally Sexual: Evidence for Sex Genes and Potential Novel Crossover Pathways in Diverse Groups of Amoebae. <i>Genome Biology and Evolution</i> , 2017, 9, evx002.	1.1	28
1752	Proteome evolution of deep-sea hydrothermal vent alvinellid polychaetes supports the ancestry of thermophily and subsequent adaptation to cold in some lineages. <i>Genome Biology and Evolution</i> , 2017, 9, evw298.	1.1	39
1753	Characterization and <i>in vivo</i> regulon determination of an <i>scp>ECF</scp></i> sigma factor and its cognate anti-sigma factor in <i>Nostoc punctiforme</i> . <i>Molecular Microbiology</i> , 2017, 104, 179-194.	1.2	14
1754	Insights into the <i>Planktothrix</i> genus: Genomic and metabolic comparison of benthic and planktic strains. <i>Scientific Reports</i> , 2017, 7, 41181.	1.6	53
1755	Genome Sequencing of the Behavior Manipulating Virus LbFV Reveals a Possible New Virus Family. <i>Genome Biology and Evolution</i> , 2016, 8, 3718-3739.	1.1	21
1756	Resurrecting KIR2DP1: A Key Intermediate in the Evolution of Human Inhibitory NK Cell Receptors That Recognize HLA-C. <i>Journal of Immunology</i> , 2017, 198, 1961-1973.	0.4	8
1757	The <i>Helicobacter pylori</i> Methylome: Roles in Gene Regulation and Virulence. <i>Current Topics in Microbiology and Immunology</i> , 2017, 400, 105-127.	0.7	23

#	ARTICLE	IF	CITATIONS
1758	Loss of pollen-specific phospholipase NOT LIKE DAD triggers gynogenesis in maize. <i>EMBO Journal</i> , 2017, 36, 707-717.	3.5	197
1759	<i>Aphelenchoides gorganensis</i> n. sp. (Nematoda: Aphelenchoididae), a new species from Iran. <i>European Journal of Plant Pathology</i> , 2017, 149, 157-169.	0.8	8
1760	Extreme mitochondrial variation in the Atlantic gall crab <i>Opecarcinus hypostegus</i> (Decapoda: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6677, 39461.	1.6	8
1761	Development and validation of a quantitative PCR for rapid and specific detection of California sea lion adenovirus 1 and prevalence in wild and managed populations. <i>Journal of Veterinary Diagnostic Investigation</i> , 2017, 29, 193-197.	0.5	3
1762	The current state of steppe perennial plants populations: A case study on <i>Iris pumila</i> . <i>Biologia (Poland)</i> , 2017, 72, 24-35.	0.8	6
1763	Genotype-Specific Evolution of Hepatitis E Virus. <i>Journal of Virology</i> , 2017, 91, .	1.5	27
1764	A Murine Herpesvirus Closely Related to Ubiquitous Human Herpesviruses Causes T-Cell Depletion. <i>Journal of Virology</i> , 2017, 91, .	1.5	29
1765	Tuberculosis Outbreak in an Educational Institution in Norway. <i>Journal of Clinical Microbiology</i> , 2017, 55, 1327-1333.	1.8	25
1766	Post-translational modifications of <i>Medicago truncatula</i> glutathione peroxidase 1 induced by nitric oxide. <i>Nitric Oxide - Biology and Chemistry</i> , 2017, 68, 125-136.	1.2	16
1767	Giant protists (xenophyophores, Foraminifera) are exceptionally diverse in parts of the abyssal eastern Pacific licensed for polymetallic nodule exploration. <i>Biological Conservation</i> , 2017, 207, 106-116.	1.9	60
1768	Isolation and molecular characterisation of <i>Halicephalobus gingivalis</i> in the brain of a horse in Piedmont, Italy. <i>Parasites and Vectors</i> , 2017, 10, 135.	1.0	9
1769	A family 13 thioesterase isolated from an activated sludge metagenome: insights into aromatic compounds metabolism. <i>Proteins: Structure, Function and Bioinformatics</i> , 2017, 85, 1222-1237.	1.5	6
1770	<i>Botrytis fragariae</i> , a New Species Causing Gray Mold on Strawberries, Shows High Frequencies of Specific and Efflux-Based Fungicide Resistance. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	47
1771	Unexplored Archaeal Diversity in the Great Ape Gut Microbiome. <i>MSphere</i> , 2017, 2, .	1.3	76
1772	Isolation and characterization of Aconitate hydratase 4 (Aco4) from soybean. <i>Canadian Journal of Plant Science</i> , 2017, , .	0.3	1
1773	Reduced representation genome sequencing reveals patterns of genetic diversity and selection in apple. <i>Journal of Integrative Plant Biology</i> , 2017, 59, 190-204.	4.1	30
1774	Virus Hunting: Discovery of New Episomal Circular Viruses by Rolling Circle Techniques. <i>Current Protocols in Microbiology</i> , 2017, 44, 1E.12.1-1E.12.18.	6.5	3
1775	Morphology and Morphogenesis of a Novel Saline Soil Hypotrichous Ciliate, <i>Gonostomum sinicum</i> nov. spec. (Ciliophora, Hypotrichia, Gonostomatidae), Including a Report on the Small Subunit rDNA Sequence. <i>Journal of Eukaryotic Microbiology</i> , 2017, 64, 632-646.	0.8	14

#	ARTICLE	IF	CITATIONS
1776	Recombinant Isfahan Virus and Vesicular Stomatitis Virus Vaccine Vectors Provide Durable, Multivalent, Single-Dose Protection against Lethal Alphavirus Challenge. <i>Journal of Virology</i> , 2017, 91, .	1.5	16
1777	<i>Bradyrhizobium centrolobii</i> and <i>Bradyrhizobium macuxiense</i> sp. nov. isolated from <i>Centrolobium paraense</i> grown in soil of Amazonia, Brazil. <i>Archives of Microbiology</i> , 2017, 199, 657-664.	1.0	35
1778	Phylogenetic Analysis of Pathogens. , 2017, , 167-193.		0
1779	Endogenous Natural Complement Inhibitor Regulates Cardiac Development. <i>Journal of Immunology</i> , 2017, 198, 3118-3126.	0.4	11
1780	Life-history, substrate choice and Cytochrome Oxidase I variations in sandy beach peracaridans along the Rio de la Plata estuary. <i>Estuarine, Coastal and Shelf Science</i> , 2017, 187, 152-159.	0.9	11
1781	Capturing goats: documenting two hundred years of mitochondrial DNA diversity among goat populations from Britain and Ireland. <i>Biology Letters</i> , 2017, 13, 20160876.	1.0	15
1782	Geographical differentiation of the <i>Euchiloglanis</i> fish complex (Teleostei: Siluriformes) in the Hengduan Mountain Region, China: Phylogeographic evidence of altered drainage patterns. <i>Ecology and Evolution</i> , 2017, 7, 928-940.	0.8	14
1783	A taxonomic position of Armenian endemic freshwater snails of the genus <i>Shadinia</i> Akramowski, 1976 (Caenogastropoda: Hydrobiidae): combining morphological and molecular evidence. <i>Molluscan Research</i> , 2017, 37, 212-221.	0.2	3
1784	Taxonomic significance of variation in sexual condition in <i>Pelekium</i> Mitt. and related genera (Thuidiaceae). <i>Journal of Bryology</i> , 2017, 39, 121-127.	0.4	4
1785	Structural and dynamic characterization of a freestanding acyl carrier protein involved in the biosynthesis of cyclic lipopeptide antibiotics. <i>Protein Science</i> , 2017, 26, 946-959.	3.1	4
1786	Testing the reliability of standard and complementary DNA barcodes for the monocot subfamily Aloioideae from South Africa. <i>Genome</i> , 2017, 60, 337-347.	0.9	4
1787	Fungal Identification Using Molecular Tools: A Primer for the Natural Products Research Community. <i>Journal of Natural Products</i> , 2017, 80, 756-770.	1.5	555
1788	Recurrent breakdowns of mutualisms with ants in the neotropical ant-plant genus <i>Cecropia</i> (Urticaceae). <i>Molecular Phylogenetics and Evolution</i> , 2017, 111, 196-205.	1.2	18
1789	Sweet vernal grasses (<i>Anthoxanthum</i>) colonized African mountains along two fronts in the Late Pliocene, followed by secondary contact, polyploidization and local extinction in the Pleistocene. <i>Molecular Ecology</i> , 2017, 26, 3513-3532.	2.0	8
1790	Identification and in silico Analysis of Glutathione Reductase Transcripts Expressed in Olive (<i>Olea</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.0	3
1791	Spicule formation in calcareous sponges: Coordinated expression of biomineralization genes and spicule-type specific genes. <i>Scientific Reports</i> , 2017, 7, 45658.	1.6	19
1792	Epsilonproteobacteria dominate bacterial diversity at a natural tar seep. <i>Comptes Rendus - Biologies</i> , 2017, 340, 238-243.	0.1	4
1793	HqiA, a novel quorum-quenching enzyme which expands the AHL lactonase family. <i>Scientific Reports</i> , 2017, 7, 943.	1.6	54

#	ARTICLE	IF	CITATIONS
1794	An updated classification of rotaliid foraminifera based on ribosomal DNA phylogeny. <i>Marine Micropaleontology</i> , 2017, 132, 18-34.	0.5	46
1795	Diversity of Integrative and Conjugative Elements of <i>Streptococcus salivarius</i> and Their Intra- and Interspecies Transfer. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	22
1796	The CO dehydrogenase accessory protein CooT is a novel nickel-binding protein. <i>Metallomics</i> , 2017, 9, 575-583.	1.0	19
1797	Contribution of different bacterial dispersal sources to lakes: Population and community effects in different seasons. <i>Environmental Microbiology</i> , 2017, 19, 2391-2404.	1.8	50
1798	Discovery of the Showdomycin Gene Cluster from <i>Streptomyces showdoensis</i> ATCC 15227 Yields Insight into the Biosynthetic Logic of C-Nucleoside Antibiotics. <i>ACS Chemical Biology</i> , 2017, 12, 1472-1477.	1.6	37
1799	Genetic identification of source and likely vector of a widespread marine invader. <i>Ecology and Evolution</i> , 2017, 7, 4432-4447.	0.8	61
1800	Detection and molecular status of <i>Isospora</i> sp. from the domestic pigeon (<i>Columba livia domestica</i>). <i>Parasitology International</i> , 2017, 66, 588-592.	0.6	10
1801	<i>Arabidopsis thaliana</i> EPOXIDE HYDROLASE1 (AtEH1) is a cytosolic epoxide hydrolase involved in the synthesis of polyhydroxylated cutin monomers. <i>New Phytologist</i> , 2017, 215, 173-186.	3.5	17
1802	Exploring resistance pathways for first-generation NS3/4A protease inhibitors boceprevir and telaprevir using Bayesian network learning. <i>Infection, Genetics and Evolution</i> , 2017, 53, 15-23.	1.0	14
1803	Evolutionary Relationship of the Scale-Bearing Kraken (incertae sedis, Monadofilosa, Cercozoa.) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i>	0.6	8
1804	Ancient Recombination Events between Human Herpes Simplex Viruses. <i>Molecular Biology and Evolution</i> , 2017, 34, 1713-1721.	3.5	49
1805	Similarities between Reproductive and Immune Pistil Transcriptomes of <i>Arabidopsis</i> Species. <i>Plant Physiology</i> , 2017, 174, 1559-1575.	2.3	20
1806	Development of a panel of recombinase polymerase amplification assays for detection of common bacterial urinary tract infection pathogens. <i>Journal of Applied Microbiology</i> , 2017, 123, 544-555.	1.4	16
1807	A revision of the New Zealand weevil genus <i>Irenimus</i> Pascoe, 1876 (Coleoptera: Curculionidae:) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i>	0.2	7
1808	First genetic identification of <i>Pilobolus</i> (Mucoromycotina, Mucorales) from Africa (Nairobi National) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	1.2	3
1809	Multilocus phylogeny and statistical biogeography clarify the evolutionary history of major lineages of turtles. <i>Molecular Phylogenetics and Evolution</i> , 2017, 113, 59-66.	1.2	120
1810	Morphometric variations at an ecological scale: Seasonal and local variations in feral and commensal house mice. <i>Mammalian Biology</i> , 2017, 87, 1-12.	0.8	12
1811	The crystal structure of mammalian inositol 1,3,4,5,6-pentakisphosphate 2-kinase reveals a new zinc-binding site and key features for protein function. <i>Journal of Biological Chemistry</i> , 2017, 292, 10534-10548.	1.6	8

#	ARTICLE	IF	CITATIONS
1812	Evidence for genetic hybridization between <i>Ixodes scapularis</i> and <i>Ixodes cookei</i> . Canadian Journal of Zoology, 2017, 95, 527-537.	0.4	19
1813	Simultaneous speciation in the European high mountain flowering plant genus <i>Facchinia</i> (<i>Minuartia</i>). Tj ETQq1 1 0.784314 rgBT /Overl... 2017, 112, 23-35.	1.2	13
1814	Further consideration on the phylogeny of the Ciliophora: Analyses using both mitochondrial and nuclear data with focus on the extremely confused class Phyllopharyngea. Molecular Phylogenetics and Evolution, 2017, 112, 96-106.	1.2	28
1815	Resolving interspecific relationships within evolutionarily young lineages using RNA-seq data: An example from <i>Pedicularis</i> section <i>Cyathophora</i> (<i>Orobanchaceae</i>). Molecular Phylogenetics and Evolution, 2017, 107, 345-355.	1.2	21
1816	Resin exudation and resinicolous communities on <i>Araucaria humboldtensis</i> in New Caledonia. Arthropod-Plant Interactions, 2017, 11, 495-505.	0.5	8
1817	Spatial congruence between taxonomic, phylogenetic and functional hotspots: true pattern or methodological artefact?. Diversity and Distributions, 2017, 23, 209-220.	1.9	23
1818	Complete plastid genome sequence of goosegrass (<i>Eleusine indica</i>) and comparison with other Poaceae. Gene, 2017, 600, 36-43.	1.0	15
1819	Evolution of miRNA Tailing by 3' Terminal Uridyl Transferases in Metazoa. Genome Biology and Evolution, 2017, 9, 1547-1560.	1.1	11
1820	A comprehensive and integrative re-description of <i>Synchaeta tremula</i> (Müller, 1786) and the newly rediscovered <i>Synchaeta tremuloida</i> Pourriot, 1965 (Rotifera: Synchaetidae). Zootaxa, 2017, 4276, 503.	0.2	4
1821	A century in synonymy: molecular and morphological evidence for the revalidation of <i>Glyptosternon osňhanini</i> (Herzenstein, 1889) (Actinopterygii: Sisoridae). Zootaxa, 2017, 4277, 435.	0.2	3
1822	Molecular epidemiology of Avian Rotaviruses Group A and D shed by different bird species in Nigeria. Virology Journal, 2017, 14, 111.	1.4	21
1823	A computational assessment of the predicted structures of Human Macrophage Migration Inhibitory Factor 1 orthologs in parasites and its affinity to human CD74 receptor. Journal of Molecular Recognition, 2017, 30, e2640.	1.1	0
1824	Identification and characterization of Rubisco activase genes in <i>Oryza punctata</i> . Journal of Systematics and Evolution, 2017, 55, 200-207.	1.6	2
1825	To be or not to be a valid genus: the systematic position of <i>Ophyra</i> R.â€D. revised (Diptera: Tj ETQq1 1 0.784314 rgBT /Overl... 1.7 15	1.7	15
1826	XSuLT: a web server for structural annotation and representation of sequence-structure alignments. Nucleic Acids Research, 2017, 45, W381-W387.	6.5	2
1827	<i>Lecanicillium attenuatum</i> isolates affecting the invasive cypress aphid (<i>Cinara cupressi</i>) in Chile. BioControl, 2017, 62, 625-637.	0.9	9
1828	Morphologic and phylogenetic studies of two hypotrichous ciliates, with notes on morphogenesis in <i>Gastrostyla steinii</i> Engelmann, 1862 (Ciliophora, Hypotrichia). European Journal of Protistology, 2017, 60, 119-133.	0.5	16
1829	A comparative analysis on the physicochemical properties of tick-borne encephalitis virus envelope protein residues that affect its antigenic properties. Virus Research, 2017, 238, 124-132.	1.1	4

#	ARTICLE	IF	CITATIONS
1830	Genome mining reveals high incidence of putative lipopeptide biosynthesis <sc>NRPS</sc>/<sc>PKS</sc> clusters containing fatty acyl&sc>AMP</sc> ligase genes in&sc>biofilm&sc>-forming cyanobacteria. Journal of Phycology, 2017, 53, 985-998.	1.0	21
1831	Morphology and molecular phylogeny of Trentepohliales (Chlorophyta) from China. European Journal of Phycology, 2017, 52, 330-341.	0.9	19
1832	Skoulekia erythrini n. sp. (Digenea: Aporocotylidae): a parasite of Pagellus erythrinus (L.) (Perciformes: Tj ETQq0 0 0 rgBT /Overlock 10 T Parasitology, 2017, 94, 669-688.	0.5	16
1833	Reducing the information gap on Loricarioidei (Siluriformes) mitochondrial genomics. BMC Genomics, 2017, 18, 345.	1.2	12
1834	Morpho-Molecular Evidence for Polymorphism in the Mushroom Coral Cycloseris hexagonalis (Scleractinia: Fungiidae), with a New Phylogenetic Position and the Establishment of a New Genus for the Species. Zoological Science, 2017, 34, 242-251.	0.3	5
1835	RNA-Dependent Cysteine Biosynthesis in Bacteria and Archaea. MBio, 2017, 8, .	1.8	20
1836	Calycina alstrupii sp. nov. (Pezizellaceae, Helotiales), a new lichenicolous fungus from Norway. Phytotaxa, 2017, 307, 113.	0.1	6
1837	Short and long-term evolutionary dynamics of subtelomeric piRNA clusters in Drosophila. DNA Research, 2017, 24, 459-472.	1.5	28
1838	Cultivable gut bacteria provide a pathway for adaptation of Chrysolina herbacea to Mentha aquatica volatiles. BMC Plant Biology, 2017, 17, 30.	1.6	12
1839	Taxonomic revision of <sc>D</sc>ictyochales (<sc>D</sc>ictyochophyceae) based on morphological, ultrastructural, biochemical and molecular data. Phycological Research, 2017, 65, 235-247.	0.8	12
1840	Flexible ammonia handling strategies using both cutaneous and branchial epithelia in the highly ammonia-tolerant Pacific hagfish. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2017, 313, R78-R90.	0.9	14
1841	Multilocus phylogeny of East African gerbils (Rodentia<i>, Gerbilliscus</i>) illuminates the history of the Somali&sc>Masai savanna. Journal of Biogeography, 2017, 44, 2295-2307.	1.4	33
1842	The Expanding Family of Natural Anion Channel Rhodopsins Reveals Large Variations in Kinetics, Conductance, and Spectral Sensitivity. Scientific Reports, 2017, 7, 43358.	1.6	90
1843	Parasitaxus parasitized: novel infestation of Parasitaxus usta (Podocarpaceae). Arthropod-Plant Interactions, 2017, 11, 507-514.	0.5	0
1844	Moraxella Species as Potential Sources of MCR-Like Polymyxin Resistance Determinants. Antimicrobial Agents and Chemotherapy, 2017, 61, .	1.4	71
1845	Evolution of group I introns in Porifera: new evidence for intron mobility and implications for DNA barcoding. BMC Evolutionary Biology, 2017, 17, 82.	3.2	33
1846	Repetitive DNA: A Versatile Tool for Karyotyping in <i>Festuca pratensis</i> Huds.. Cytogenetic and Genome Research, 2017, 151, 96-105.	0.6	24
1847	Description of Flamella daurica n. sp., with notes on the phylogeny of the genus Flamella and related taxa. European Journal of Protistology, 2017, 58, 164-174.	0.5	1

#	ARTICLE	IF	CITATIONS
1848	Decay of the glycolytic pathway and adaptation to intranuclear parasitism within Enterocytozoonidae microsporidia. <i>Environmental Microbiology</i> , 2017, 19, 2077-2089.	1.8	74
1849	Ancestral Protein Reconstruction and Circular Permutation for Improving the Stability and Dynamic Range of FRET Sensors. <i>Methods in Molecular Biology</i> , 2017, 1596, 71-87.	0.4	9
1850	Polyphyly in the Thecate Amoeba Genus <i>Lecythium</i> (Chlamydomphryidae, Tectofilosida, Cercozoa), Redescription of its Type Species <i>L. hyalinum</i> , Description of <i>L. jennyae</i> sp. nov. and the Establishment of <i>Fisculla</i> gen. nov. and <i>Fiscullidae</i> fam. nov.. <i>Protist</i> , 2017, 168, 294-310.	0.6	13
1851	Genetic diversity within two Tunisian wild jirds: <i>Meriones shawi</i> and <i>Meriones libycus</i> (Rodentia,). <i>TJ ETQq1 1 0.784314 rgBT /Qoverlock</i>	0.2	0
1852	Patterns of cross-contamination in a multispecies population genomic project: detection, quantification, impact, and solutions. <i>BMC Biology</i> , 2017, 15, 25.	1.7	100
1853	Carbonate biomineralization and heavy metal remediation by calcifying fungi isolated from karstic caves. <i>Ecological Engineering</i> , 2017, 103, 106-117.	1.6	68
1854	Urbanization and the dynamics of RNA viruses in Mallards (<i>Anas platyrhynchos</i>). <i>Infection, Genetics and Evolution</i> , 2017, 51, 89-97.	1.0	20
1855	Calcinea of the Red Sea: providing a DNA barcode inventory with description of four new species. <i>Marine Biodiversity</i> , 2017, 47, 1009-1034.	0.3	18
1856	An integrative systematic framework helps to reconstruct skeletal evolution of glass sponges (Porifera, Hexactinellida). <i>Frontiers in Zoology</i> , 2017, 14, 18.	0.9	25
1857	Characterization of two novel bacterial type A exo-chitobiose hydrolases having C-terminal 5/12-type carbohydrate-binding modules. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 4533-4546.	1.7	5
1858	<i>Entoloma chamaemori</i> (Entolomataceae, Basidiomycota) – a new boreal species, with isolated phylogenetic position. <i>Phytotaxa</i> , 2017, 298, 289.	0.1	6
1859	Resolution of deep eudicot phylogeny and their temporal diversification using nuclear genes from transcriptomic and genomic datasets. <i>New Phytologist</i> , 2017, 214, 1338-1354.	3.5	134
1860	Homology modeling, molecular docking and molecular dynamics studies of the catalytic domain of chitin deacetylase from <i>Cryptococcus laurentii</i> strain RY1. <i>International Journal of Biological Macromolecules</i> , 2017, 104, 1682-1691.	3.6	23
1861	Taxonomy – free molecular diatom index for high-throughput eDNA biomonitoring. <i>Molecular Ecology Resources</i> , 2017, 17, 1231-1242.	2.2	140
1862	Bushmeat Hunting and Zoonotic Transmission of Simian T-Lymphotropic Virus 1 in Tropical West and Central Africa. <i>Journal of Virology</i> , 2017, 91, .	1.5	30
1863	The floating <i>Sargassum</i> (Phaeophyceae) of the South Atlantic Ocean – likely scenarios. <i>Phycologia</i> , 2017, 56, 321-328.	0.6	85
1864	Complete nucleotide sequence of <i>Solanum nodiflorum</i> mottle virus. <i>Archives of Virology</i> , 2017, 162, 1731-1736.	0.9	4
1865	Evolutionary ecology of beta-lactam gene clusters in animals. <i>Molecular Ecology</i> , 2017, 26, 3217-3229.	2.0	24

#	ARTICLE	IF	CITATIONS
1866	Duplication and concerted evolution of MiSp-encoding genes underlie the material properties of minor ampullate silks of cobweb weaving spiders. <i>BMC Evolutionary Biology</i> , 2017, 17, 78.	3.2	33
1867	Complete genome sequence of <i>Pseudomonas stutzeri</i> strain RCH2 isolated from a Hexavalent Chromium [Cr(VI)] contaminated site. <i>Standards in Genomic Sciences</i> , 2017, 12, 23.	1.5	12
1868	Estimation of main diversification time-points of hantaviruses using phylogenetic analyses of complete genomes. <i>Virus Research</i> , 2017, 233, 60-69.	1.1	8
1869	The evolutionary and phylogeographic history of woolly mammoths: a comprehensive mitogenomic analysis. <i>Scientific Reports</i> , 2017, 7, 44585.	1.6	39
1870	Identification and genomic analysis of antifungal property of a tomato root endophyte <i>Pseudomonas</i> sp. p21. <i>Antonie Van Leeuwenhoek</i> , 2017, 110, 387-397.	0.7	16
1871	Feline Immunodeficiency Virus Cross-Species Transmission: Implications for Emergence of New Lentiviral Infections. <i>Journal of Virology</i> , 2017, 91, .	1.5	39
1872	Supermatrix phylogeny and biogeography of the Australasian <i>Meliphagides</i> radiation (Aves: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 502 T	1.2	77
1873	Ecophysiological Response on Dehydration and Temperature in Terrestrial <i>Klebsormidium</i> (Streptophyta) Isolated from Biological Soil Crusts in Central European Grasslands and Forests. <i>Microbial Ecology</i> , 2017, 73, 850-864.	1.4	26
1874	Human transmission of Ebola virus. <i>Current Opinion in Virology</i> , 2017, 22, 51-58.	2.6	25
1875	Methane fates in the benthos and water column at cold seep sites along the continental margin of Central and North America. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2017, 120, 122-131.	0.6	7
1876	The <i>Syllis gracilis</i> species complex: A molecular approach to a difficult taxonomic problem (Annelida,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.2	47
1877	Description of <i>Hyalodiscus flabellus</i> sp. nov. (Vampyrellida, Rhizaria) and Identification of its Bacterial Endosymbiont, <i>Candidatus Megaira polyxenophila</i> (Rickettsiales, Alphaproteobacteria). <i>Protist</i> , 2017, 168, 109-133.	0.6	29
1878	Shedding Light on the Polyphyletic Thecate Amoeba Genus <i>Plagiophrys</i> : Transition of Some of its Species to <i>Rhizaspis</i> (Tectofilosida, Thecofilosea, Cercozoa) and the Establishment of <i>Sacciforma</i> gen. nov. and <i>Rhogostomidae</i> fam. nov. (Cryomonadida, Thecofilosea, Cercozoa). <i>Protist</i> , 2017, 168, 92-108.	0.6	18
1879	Genetic diversity of coronaviruses in bats in Lao PDR and Cambodia. <i>Infection, Genetics and Evolution</i> , 2017, 48, 10-18.	1.0	56
1880	The complex evolutionary history of aminoacyl-tRNA synthetases. <i>Nucleic Acids Research</i> , 2017, 45, 1059-1068.	6.5	75
1881	Circumscription of species in the <i>Hodophilus foetens</i> complex (Clavariaceae, Agaricales) in Europe. <i>Mycological Progress</i> , 2017, 16, 47-62.	0.5	9
1882	Novel DNA coding regions and protein arginylation reveal unexplored <i>T. cruzi</i> proteome and PTMs. <i>International Journal of Mass Spectrometry</i> , 2017, 418, 51-66.	0.7	4
1883	Earth analogues for past and future life on Mars: isolation of perchlorate resistant halophiles from Big Soda Lake. <i>International Journal of Astrobiology</i> , 2017, 16, 218-228.	0.9	36

#	ARTICLE	IF	CITATIONS
1884	Two ovine mitochondrial DNAs harboring a fifth 75/76 bp repeat motif without altered gene expression in Northern Spain. <i>Electrophoresis</i> , 2017, 38, 869-875.	1.3	1
1885	A new genus and species of hypodermatine bot flies (Diptera: Oestridae). <i>Systematic Entomology</i> , 2017, 42, 387-398.	1.7	9
1886	HIV-1 diagnosis with unquantifiable viraemia: don't be naive, look for antiretroviral drugs. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 630-632.	1.3	2
1887	The enigmatic bivalve genus <i>Paramya</i> (Myoidea: Myidae): symbiotic association of an East Asian species with spoon worms (Echiura) and its transfer to the family Basterotiidae (Galeommatoidea). <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2017, 97, 1447-1454.	0.4	9
1888	Mitochondrial DNA variation reveals distinct lineages in <i>Penaeus semisulcatus</i> (Decapoda, Penaeidae) from the Indo-West Pacific Ocean. <i>Marine Ecology</i> , 2017, 38, e12406.	0.4	11
1889	Expansion of TALE homeobox genes and the evolution of spiralian development. <i>Nature Ecology and Evolution</i> , 2017, 1, 1942-1949.	3.4	16
1890	Impact of β -1 fructan on faecal community change: results from a placebo-controlled, randomised, double-blinded, cross-over study in healthy adults. <i>British Journal of Nutrition</i> , 2017, 118, 441-453.	1.2	18
1891	Root-associated fungal microbiota of nonmycorrhizal <i>Arabidopsis thaliana</i> and its contribution to plant phosphorus nutrition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E9403-E9412.	3.3	239
1892	Voltage-gated sodium channel gene repertoire of lampreys: gene duplications, tissue-specific expression and discovery of a long-lost gene. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170824.	1.2	5
1893	The NOS-like protein from the microalgae <i>Ostreococcus tauri</i> is a genuine and ultrafast NO-producing enzyme. <i>Plant Science</i> , 2017, 265, 100-111.	1.7	43
1894	Comparison of Five Protein Engineering Strategies for Stabilizing an α -Hydroxylase. <i>Biochemistry</i> , 2017, 56, 6521-6532.	1.2	56
1895	An extinct vertebrate preserved by its living hybridogenetic descendant. <i>Scientific Reports</i> , 2017, 7, 12768.	1.6	14
1896	Two new species of <i>Ripella</i> (Amoebozoa, Vannellida) and unusual intragenomic variability in the SSU rRNA gene of this genus. <i>European Journal of Protistology</i> , 2017, 61, 92-106.	0.5	19
1897	Membrane Trafficking Modulation during <i>Entamoeba</i> Encystation. <i>Scientific Reports</i> , 2017, 7, 12854.	1.6	12
1898	Description of <i>Neoparamoeba longipodia</i> n. sp. and a new strain of <i>Neoparamoeba aestuarina</i> (Page, 1977) (Ciliophora: Peritrichida). <i>Journal of Eukaryotic Microbiology</i> , 2017, 64, 107-121.	0.5	15
1899	Pine mycorrhizal communities in pure and mixed pine-oak forests: Abiotic environment trumps neighboring oak host effects. <i>Forest Ecology and Management</i> , 2017, 406, 370-380.	1.4	32
1900	Genetic Diversity of the Atlantic Ghost Crab <i>Ocypode quadrata</i> (Decapoda: Ocypodidae) in Two Beaches With Different Anthropogenic Disturbance in the North Coast of Veracruz, Mexico. <i>Tropical Conservation Science</i> , 2017, 10, 194008291771038.	0.6	4
1901	<i>Leptomyxa valladaresi</i> n. sp. (Amoebozoa, Tubulinea, Leptomyxida), from Mount Teide, Tenerife, Spain. <i>Experimental Parasitology</i> , 2017, 183, 85-91.	0.5	5

#	ARTICLE	IF	CITATIONS
1902	Tree roots select specific bacterial communities in the subsurface critical zone. <i>Soil Biology and Biochemistry</i> , 2017, 115, 109-123.	4.2	14
1903	Hunting for agile prey: trophic specialisation in leptophryid amoebae (Vampyrellida, Rhizaria) revealed by two novel predators of planktonic algae. <i>FEMS Microbiology Ecology</i> , 2017, 93, .	1.3	24
1904	<i>Halamphora oceanica</i> (Catenulaceae, Bacillariophyta), a new species from the epipelagic region of the southwestern Gulf of Mexico. <i>Phytotaxa</i> , 2017, 317, 188.	0.1	8
1905	Phylogenetic position of the family Orientocreadiidae within the superfamily Plagiorchioidea (Trematoda) based on partial 28S rDNA sequence. <i>Parasitology Research</i> , 2017, 116, 2831-2844.	0.6	12
1906	Resurrection of <i>Cortinarius coalescens</i> : taxonomy, chemistry, and ecology. <i>Mycological Progress</i> , 2017, 16, 927-939.	0.5	7
1907	Calling Chromosome Alterations, DNA Methylation Statuses, and Mutations in Tumors by Simple Targeted Next-Generation Sequencing. <i>Journal of Molecular Diagnostics</i> , 2017, 19, 776-787.	1.2	7
1908	The Environmental <i>Acinetobacter baumannii</i> Isolate DSM30011 Reveals Clues into the Preantibiotic Era Genome Diversity, Virulence Potential, and Niche Range of a Predominant Nosocomial Pathogen. <i>Genome Biology and Evolution</i> , 2017, 9, 2292-2307.	1.1	61
1909	An expanded mammal mitogenome dataset from Southeast Asia. <i>GigaScience</i> , 2017, 6, 1-8.	3.3	27
1910	Chemokines encoded by herpesviruses. <i>Journal of Leukocyte Biology</i> , 2017, 102, 1199-1217.	1.5	23
1911	Deciphering the Origin and Evolution of Hepatitis B Viruses by Means of a Family of Non-enveloped Fish Viruses. <i>Cell Host and Microbe</i> , 2017, 22, 387-399.e6.	5.1	134
1912	An algal photoenzyme converts fatty acids to hydrocarbons. <i>Science</i> , 2017, 357, 903-907.	6.0	317
1913	HIV-1 Infection and Transmission Networks of Younger People in Chicago, Illinois, 2005-2011. <i>Public Health Reports</i> , 2017, 132, 48-55.	1.3	14
1914	Genetic diversity and population structure of <i>Taxus cuspidata</i> Sieb. et Zucc. ex Endl. (Taxaceae) in Russia according to data of the nucleotide polymorphism of intergenic spacers of the chloroplast genome. <i>Russian Journal of Genetics</i> , 2017, 53, 865-874.	0.2	5
1915	Comparative whole genome analysis of three consecutive <i>Salmonella diarizonae</i> isolates. <i>International Journal of Medical Microbiology</i> , 2017, 307, 542-551.	1.5	10
1916	<div class="page" title="Page 1"><div class="layoutArea"><div class="column">Inocybe castaneicolor (Agaricales, Basidiomycota), a new species in section Splendentes</div></div></div>. <i>Phytotaxa</i> , 2017, 316, 79.	0.1	4
1917	New records of Cyanobacterial morphotypes with <i>Leptolyngbya indica</i> sp. nov. from terrestrial biofilms of the Lower Gangetic Plain, India. <i>Phytotaxa</i> , 2017, 316, 101.	0.1	13
1918	A Link between Linearmycin Biosynthesis and Extracellular Vesicle Genesis Connects Specialized Metabolism and Bacterial Membrane Physiology. <i>Cell Chemical Biology</i> , 2017, 24, 1238-1249.e7.	2.5	41
1919	An integrative taxonomic study of <i>Pavanelliella</i> spp. (Monogenoidea, Dactylogyridae) with the description of a new species from the nasal cavities of an Amazon pimelodid catfish. <i>Parasitology International</i> , 2017, 66, 777-788.	0.6	12

#	ARTICLE	IF	CITATIONS
1920	Wallemia peruviana sp. nov., a new xerophilic fungus from an agricultural setting in South America. <i>Extremophiles</i> , 2017, 21, 1017-1025.	0.9	11
1921	Potential effects of an invasive seaweed (<i>Caulerpa cylindracea</i> , Sonder) on sedimentary organic matter and microbial metabolic activities. <i>Scientific Reports</i> , 2017, 7, 12113.	1.6	33
1922	Manual and expert annotation of the nearly complete genome sequence of <i>Staphylococcus sciuri</i> strain ATCC 29059: A reference for the oxidase-positive staphylococci that supports the atypical phenotypic features of the species group. <i>Systematic and Applied Microbiology</i> , 2017, 40, 401-410.	1.2	23
1923	Discovery of the skull of <i>Stephanorhinus kirchbergensis</i> (Jäger, 1839) above the Arctic Circle. <i>Quaternary Research</i> , 2017, 88, 537-550.	1.0	20
1924	Genotypic diversity in root-endophytic fungi reflects efficient dispersal and environmental adaptation. <i>Molecular Ecology</i> , 2017, 26, 4618-4630.	2.0	12
1925	Novel Alphacoronaviruses and Paramyxoviruses Cocirculate with Type 1 and Severe Acute Respiratory System (SARS)-Related Betacoronaviruses in Synanthropic Bats of Luxembourg. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	30
1926	KIR2DS5 allotypes that recognize the C2 epitope of HLA-C are common among Africans and absent from Europeans. <i>Immunity, Inflammation and Disease</i> , 2017, 5, 461-468.	1.3	45
1927	Centrin diversity and basal body patterning across evolution: new insights from <i>Paramecium</i> . <i>Biology Open</i> , 2017, 6, 765-776.	0.6	10
1929	Characterization of the neuropeptidome of a Southern Ocean decapod, the Antarctic shrimp <i>Chorismus antarcticus</i> : Focusing on a new decapod ITP-like peptide belonging to the CHH peptide family. <i>General and Comparative Endocrinology</i> , 2017, 252, 60-78.	0.8	31
1930	<i>Caballeronia mineralivorans</i> sp. nov., isolated from oak- <i>Scleroderma citrinum</i> mycorrhizosphere. <i>Systematic and Applied Microbiology</i> , 2017, 40, 345-351.	1.2	14
1931	Molecular phylogeny of <i>Miltogramminae</i> (Diptera: Sarcophagidae): Implications for classification, systematics and evolution of larval feeding strategies. <i>Molecular Phylogenetics and Evolution</i> , 2017, 116, 49-60.	1.2	39
1932	Whole-Genome Sequencing and Concordance Between Antimicrobial Susceptibility Genotypes and Phenotypes of Bacterial Isolates Associated with Bovine Respiratory Disease. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 3059-3071.	0.8	19
1933	Cold-induced retrotransposition of fish LINEs. <i>Journal of Genetics and Genomics</i> , 2017, 44, 385-394.	1.7	12
1934	Functional characterization of Aquaporin-like genes in the human bed bug <i>Cimex lectularius</i> . <i>Scientific Reports</i> , 2017, 7, 3214.	1.6	18
1935	Two new species of <i>Endocarpon</i> (Verrucariaceae, Ascomycota) from China. <i>Scientific Reports</i> , 2017, 7, 7193.	1.6	6
1936	Prokaryotic diversity and community composition in the Salar de Uyuni, a large scale, chaotropic salt flat. <i>Environmental Microbiology</i> , 2017, 19, 3745-3754.	1.8	42
1937	Phenotypic Differences between Asian and African Lineage Zika Viruses in Human Neural Progenitor Cells. <i>MSphere</i> , 2017, 2, .	1.3	83
1938	New insights in <i>Russula</i> subsect. <i>Rubrinae</i> : phylogeny and the quest for synapomorphic characters. <i>Mycological Progress</i> , 2017, 16, 877-892.	0.5	32

#	ARTICLE	IF	CITATIONS
1939	Structural Insights into Selective Ligandâ€“Receptor Interactions Leading to Receptor Inactivation Utilizing Selective Melanocortin 3 Receptor Antagonists. <i>Biochemistry</i> , 2017, 56, 4201-4209.	1.2	3
1940	Structural analysis and evolution of specificity of the SUMO UFD E1-E2 interactions. <i>Scientific Reports</i> , 2017, 7, 41998.	1.6	9
1941	The hnRNP Q-like gene is retroinserted into the B chromosomes of the cichlid fish <i>Astatotilapia latifasciata</i> . <i>Chromosome Research</i> , 2017, 25, 277-290.	1.0	12
1942	Diversity, distribution and dynamics of full-length Copia and Gypsy LTR retroelements in <i>Solanum lycopersicum</i> . <i>Genetica</i> , 2017, 145, 417-430.	0.5	25
1943	<i>Vannella pentlandii</i> n. sp., (Amoebozoa, Discosea, Vannellida) a small, cyst-forming soil amoeba. <i>Experimental Parasitology</i> , 2017, 183, 109-116.	0.5	8
1944	In situ mass spectrometry monitoring of fungal cultures led to the identification of four peptaibols with a rare threonine residue. <i>Phytochemistry</i> , 2017, 143, 45-53.	1.4	15
1945	An improved and general streamlined phylogenetic protocol applied to the fatty acid desaturase family. <i>Molecular Phylogenetics and Evolution</i> , 2017, 115, 50-57.	1.2	13
1946	Investigating the ancestry of putative hybrids: are Arctic fox and red fox hybridizing?. <i>Polar Biology</i> , 2017, 40, 2055-2062.	0.5	3
1947	Breaking the mirror: l-Amino acid deaminase, a novel stereoselective biocatalyst. <i>Biotechnology Advances</i> , 2017, 35, 657-668.	6.0	65
1948	<i>Viridiuvalis adhaerens</i> gen. et sp. nov., a novel colony-forming chlorarachniophyte. <i>Journal of Plant Research</i> , 2017, 130, 999-1012.	1.2	3
1949	Pairwise diversity and tMRCA as potential markers for HIV infection recency. <i>Medicine (United States)</i> , 2017, 96, e6041.	0.4	3
1950	Whole genome sequencing of clinical strains of <i>Mycobacterium tuberculosis</i> from Mumbai, India: A potential tool for determining drug-resistance and strain lineage. <i>Tuberculosis</i> , 2017, 107, 63-72.	0.8	49
1951	Isolation and characterization of bacteria capable of degrading poly(lactic acid) at ambient temperature. <i>Polymer Degradation and Stability</i> , 2017, 144, 392-400.	2.7	57
1952	High-resolution melting PCR assay, applicable for diagnostics and screening studies, allowing detection and differentiation of several <i>Babesia</i> spp. infecting humans and animals. <i>Parasitology Research</i> , 2017, 116, 2671-2681.	0.6	10
1953	HIV Resistance and Prevention of Mother-to-Child Transmission Regimen in HIV-Infected Infants in Northern Tanzania. <i>AIDS Research and Human Retroviruses</i> , 2017, 33, 1107-1113.	0.5	5
1954	The perils of online biogeographic databases: a case study with the "monospecific" genus <i>Aegina</i> (Cnidaria, Hydrozoa, Narcomedusae). <i>Marine Biology Research</i> , 2017, 13, 494-512.	0.3	30
1955	Taxonomic revision of freshwater foraminifera with the description of two new agglutinated species and genera. <i>European Journal of Protistology</i> , 2017, 60, 28-44.	0.5	20
1956	<i>Polyozellus multiplex</i> (Thelephorales) is a species complex containing four new species. <i>Mycologia</i> , 2017, 109, 975-992.	0.8	6

#	ARTICLE	IF	CITATIONS
1957	Mediator Complex Subunits MED2, MED5, MED16, and MED23 Genetically Interact in the Regulation of Phenylpropanoid Biosynthesis. <i>Plant Cell</i> , 2017, 29, 3269-3285.	3.1	46
1958	Complete Genome Sequence of <i>Enterococcus thailandicus</i> Strain a523 Isolated from Urban Raw Sewage. <i>Genome Announcements</i> , 2017, 5, .	0.8	5
1959	Drastic Genome Reduction in an Herbivore's Pectinolytic Symbiont. <i>Cell</i> , 2017, 171, 1520-1531.e13.	13.5	148
1960	Natural selection shaped the rise and fall of passenger pigeon genomic diversity. <i>Science</i> , 2017, 358, 951-954.	6.0	105
1961	The Exotic Slugs of the Genus <i>Deroceras</i> (Agriolimacidae) in Mexico: Morphological and Molecular Characterization, and New Data on Their Distribution. <i>American Malacological Bulletin</i> , 2017, 35, 126-133.	0.2	11
1962	Elevation, space and host plant species structure Ericaceae root-associated fungal communities in Papua New Guinea. <i>Fungal Ecology</i> , 2017, 30, 112-121.	0.7	5
1963	Evidence for Human <i>Streptococcus pneumoniae</i> in wild and captive chimpanzees: A potential threat to wild populations. <i>Scientific Reports</i> , 2017, 7, 14581.	1.6	26
1964	Parvovirus B19 in the Context of Hematopoietic Stem Cell Transplantation: Evaluating Cell Donors and Recipients. <i>Transplantation Direct</i> , 2017, 3, e217.	0.8	10
1965	<i>Psychonectria hyperantarctica</i> , gen. nov., comb. nov., epitypification and phylogenetic position of an Antarctic bryophilous ascomycete. <i>Mycologia</i> , 2017, 109, 1-7.	0.8	7
1966	Can we predict diatoms herbicide sensitivities with phylogeny? Influence of intraspecific and interspecific variability. <i>Ecotoxicology</i> , 2017, 26, 1065-1077.	1.1	19
1967	Bacteriophage evolution differs by host, lifestyle and genome. <i>Nature Microbiology</i> , 2017, 2, 17112.	5.9	192
1968	The plant cell-wall enzyme AtXTH3 catalyses covalent cross-linking between cellulose and cello-oligosaccharide. <i>Scientific Reports</i> , 2017, 7, 46099.	1.6	60
1969	High Temporal and Spatial Variability of Atmospheric-Methane Oxidation in Alpine Glacier Forefield Soils. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	21
1970	Metagenomic binning of a marine sponge microbiome reveals unity in defense but metabolic specialization. <i>ISME Journal</i> , 2017, 11, 2465-2478.	4.4	150
1971	A new species of <i>Lepanthopsis</i> (Orchidaceae, Pleurothallidinae) from Peru. <i>Phytotaxa</i> , 2017, 311, 225.	0.1	4
1972	Genome analysis of <i>Diploscapter coronatus</i> : insights into molecular peculiarities of a nematode with parthenogenetic reproduction. <i>BMC Genomics</i> , 2017, 18, 478.	1.2	30
1973	Nuclear and mitochondrial phylogeny of <i>Rossella</i> (Hexactinellida: Lyssacinosa, Rossellidae): a species and a species flock in the Southern Ocean. <i>Polar Biology</i> , 2017, 40, 2435-2444.	0.5	7
1974	Digital PCR for Detection and Quantification of Fluoroquinolone Resistance in <i>Legionella pneumophila</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	15

#	ARTICLE	IF	CITATIONS
1975	<i>Pseudophyllomitus vesiculosus</i> (Larsen and Patterson 1990) Lee, 2002, a Poorly Studied Phagotrophic Biflagellate is the First Characterized Member of Stramenopile Environmental Clade MAST-6. <i>Protist</i> , 2017, 168, 439-451.	0.6	20
1976	Novel mastreviruses identified in Australian wild rice. <i>Virus Research</i> , 2017, 238, 193-197.	1.1	13
1977	The Role of DAF-21/Hsp90 in Mouth-Form Plasticity in <i>Pristionchus pacificus</i> . <i>Molecular Biology and Evolution</i> , 2017, 34, 1644-1653.	3.5	28
1978	Beneficial traits of bacterial endophytes belonging to the core communities of the tomato root microbiome. <i>Agriculture, Ecosystems and Environment</i> , 2017, 247, 149-156.	2.5	81
1979	Establishment of a vernalization requirement in <i>Brachypodium distachyon</i> requires <i>REPRESSOR OF VERNALIZATION1</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 6623-6628.	3.3	41
1980	Rhogostomidae (Cercozoa) from soils, roots and plant leaves (<i>Arabidopsis thaliana</i>): Description of <i>Rhogostoma epiphylla</i> sp. nov. and <i>R. cylindrica</i> sp. nov.. <i>European Journal of Protistology</i> , 2017, 60, 76-86.	0.5	38
1981	DNA barcoding allows identification of European Fanniidae (Diptera) of forensic interest. <i>Forensic Science International</i> , 2017, 278, 106-114.	1.3	19
1982	Lineage-specific duplication of amphioxus retinoic acid degrading enzymes (CYP26) resulted in sub-functionalization of patterning and homeostatic roles. <i>BMC Evolutionary Biology</i> , 2017, 17, 24.	3.2	20
1983	Evolutionary origin and function of NOX4-art, an arthropod specific NADPH oxidase. <i>BMC Evolutionary Biology</i> , 2017, 17, 92.	3.2	14
1984	Phylogeny, divergence time and historical biogeography of <i>Laetiporus</i> (Basidiomycota, Polyporales). <i>BMC Evolutionary Biology</i> , 2017, 17, 102.	3.2	53
1985	<i>Ixora</i> (Rubiaceae) on the Philippines - crossroad or cradle?. <i>BMC Evolutionary Biology</i> , 2017, 17, 131.	3.2	5
1986	Flow cytometry sorting of nuclei enables the first global characterization of <i>Paramecium</i> germline DNA and transposable elements. <i>BMC Genomics</i> , 2017, 18, 327.	1.2	53
1987	Valine/isoleucine variants drive selective pressure in the VP1 sequence of EV-A71 enteroviruses. <i>BMC Infectious Diseases</i> , 2017, 17, 333.	1.3	6
1988	Cross-border spread, lineage displacement and evolutionary rate estimation of rabies virus in Yunnan Province, China. <i>Virology Journal</i> , 2017, 14, 102.	1.4	24
1989	Aligning coding sequences with frameshift extension penalties. <i>Algorithms for Molecular Biology</i> , 2017, 12, 10.	0.3	2
1991	Identification of sympatric cryptic species of <i>Aedes albopictus</i> subgroup in Vietnam: new perspectives in phylosymbiosis of insect vector. <i>Parasites and Vectors</i> , 2017, 10, 276.	1.0	26
1992	Evolutionary history of LTR-retrotransposons among 20 <i>Drosophila</i> species. <i>Mobile DNA</i> , 2017, 8, 7.	1.3	28
1993	Lipidomics. <i>Methods in Molecular Biology</i> , 2017, , .	0.4	10

#	ARTICLE	IF	CITATIONS
1994	BIS2Analyzer: a server for co-evolution analysis of conserved protein families. <i>Nucleic Acids Research</i> , 2017, 45, W307-W314.	6.5	43
1995	Presence of Human Hepatitis E Virus in a Cohort of People Who Inject Drugs. <i>Annals of Internal Medicine</i> , 2017, 167, 1.	2.0	28
1996	Identification of Protein Secretion Systems in Bacterial Genomes Using MacSyFinder. <i>Methods in Molecular Biology</i> , 2017, 1615, 1-21.	0.4	92
1997	<i>Hodophilus</i> (Clavariaceae, Agaricales) species with dark dots on the stipe: more than one species in Europe. <i>Mycological Progress</i> , 2017, 16, 811-821.	0.5	8
1998	Computational Functional Analysis of Lipid Metabolic Enzymes. <i>Methods in Molecular Biology</i> , 2017, 1609, 195-216.	0.4	2
1999	The underlying mechanisms of genetic innovation and speciation in the family Corynebacteriaceae: A phylogenomics approach. <i>Molecular Phylogenetics and Evolution</i> , 2017, 107, 246-255.	1.2	38
2000	A phylogeny of the genus <i>Encyclia</i> (Orchidaceae: Laeliinae), with emphasis on the species of the Northern Hemisphere. <i>Journal of Systematics and Evolution</i> , 2017, 55, 110-123.	1.6	12
2001	Microorganisms in ticks (Acari: Ixodidae) collected on marsupials and rodents from Santa Catarina, Paraná and Mato Grosso do Sul states, Brazil. <i>Ticks and Tick-borne Diseases</i> , 2017, 8, 90-98.	1.1	39
2002	Brain size evolution in pipefishes and seahorses: the role of feeding ecology, life history and sexual selection. <i>Journal of Evolutionary Biology</i> , 2017, 30, 150-160.	0.8	9
2003	A New Species of Centrohelid Heliozoan <i>Acanthocystis amura</i> n. sp. Isolated From Two Remote Locations in Russia. <i>Journal of Eukaryotic Microbiology</i> , 2017, 64, 434-439.	0.8	6
2004	Is the switch to an ectomycorrhizal state an evolutionary key innovation in mushroom-forming fungi? A case study in the Tricholomatineae (Agaricales). <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 51-65.	1.1	38
2005	Phylogeny and Systematics of Leptomyxid Amoebae (Amoebozoa, Tubulinea, Leptomyxida). <i>Protist</i> , 2017, 168, 220-252.	0.6	11
2006	Geographic distribution at subspecies resolution level: closely related <i>Rhodopirellula</i> species in European coastal sediments. <i>ISME Journal</i> , 2017, 11, 478-489.	4.4	11
2007	Three rDNA Loci-Based Phylogenies of Tintinnid Ciliates (Ciliophora, Spirotrichea, Choreotrichida). <i>Journal of Eukaryotic Microbiology</i> , 2017, 64, 226-241.	0.8	19
2008	Genome-wide identification, characterisation and expression profiles of calcium-dependent protein kinase genes in barley (<i>Hordeum vulgare</i> L.). <i>Journal of Applied Genetics</i> , 2017, 58, 11-22.	1.0	17
2009	KNAT-like class 2 KNOX transcription factors are involved in <i>Medicago truncatula</i> symbiotic nodule organ development. <i>New Phytologist</i> , 2017, 213, 822-837.	3.5	49
2010	Bacterial associates of <i>Hyalesthes obsoletus</i> (Hemiptera: Cixiidae), the insect vector of bois noir disease, with a focus on cultivable bacteria. <i>Research in Microbiology</i> , 2017, 168, 94-101.	1.0	19
2011	Characterization of the peripheral thyroid system of gilthead seabream acclimated to different ambient salinities. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2017, 203, 24-31.	0.8	20

#	ARTICLE	IF	CITATIONS
2012	Molecular phylogenies challenge the classification of Polymastiidae (Porifera, Demospongiae) based on morphology. <i>Organisms Diversity and Evolution</i> , 2017, 17, 45-66.	0.7	13
2013	Morphology and molecular phylogeny of a new Myxidium species (Cnidaria: Myxosporea) infecting the farmed turtle <i>Podocnemis expansa</i> (Testudines: Podocnemididae) in the Brazilian Amazon. <i>Parasitology International</i> , 2017, 66, 825-830.	0.6	10
2014	Revision of the family Sphyriocephalidae Pintner, 1913 (Cestoda: Trypanorhyncha), with the description of <i>Heterosphyriocephalus encarnae</i> n. sp. and redescriptions of two species of <i>Sphyriocephalus</i> . <i>Parasitology International</i> , 2017, 66, 843-862.	0.6	4
2015	Morphology and phylogeny reveal a novel hydroid taxon from India: <i>Mycorrhaphoides stalpersii</i> gen. and sp. nov. <i>Nordic Journal of Botany</i> , 2017, 35, 85-94.	0.2	2
2016	Oncogenic events rather than antigen selection pressure may be the main driving forces for relapse in diffuse large B-cell lymphomas. <i>American Journal of Hematology</i> , 2017, 92, 68-76.	2.0	8
2017	Multiple origins of Hawaiian drosophilids: Phylogeography of <i>Scaptomyza</i> Hardy (Diptera: Tj ETQq1 1 0.784314 rgBT /Overlock 23	0.3	23
2018	DNA barcoding for identification of consumer-relevant mushrooms: A partial solution for product certification?. <i>Food Chemistry</i> , 2017, 214, 383-392.	4.2	68
2019	Diversity of bat astroviruses in Lao PDR and Cambodia. <i>Infection, Genetics and Evolution</i> , 2017, 47, 41-50.	1.0	18
2020	Morphometric and genetic analysis of <i>Arcella intermedia</i> and <i>Arcella intermedia laevis</i> (Amoebozoa,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 <i>Protistology</i> , 2017, 58, 187-194.	0.5	10
2021	Potential of combining morphometry and ancient DNA information to investigate grapevine domestication. <i>Vegetation History and Archaeobotany</i> , 2017, 26, 345-356.	1.0	20
2022	Impairing both <i>HMA4</i> homeologs is required for cadmium reduction in tobacco. <i>Plant, Cell and Environment</i> , 2017, 40, 364-377.	2.8	37
2023	Did the historical range of the European bison (<i>Bison bonasus</i> L.) extend further south?â€”a new finding from the YenikrapÄ± Metro and Marmaray excavation, Turkey. <i>Mammal Research</i> , 2017, 62, 103-109.	0.6	4
2024	Phylogenetic relationships of Proboscoida Broch, 1910 (Cnidaria, Hydrozoa): Are traditional morphological diagnostic characters relevant for the delimitation of lineages at the species, genus, and family levels?. <i>Molecular Phylogenetics and Evolution</i> , 2017, 106, 118-135.	1.2	33
2025	Distribution of <i>Placobdella hollensis</i> (Whitman, 1892) (Hirudinida: Glossiphoniidae). <i>Comparative Parasitology</i> , 2017, 84, 165-168.	0.0	1
2026	Whole Genome Sequence Analysis of Mutations Accumulated in rad27 ^Δ Yeast Strains with Defects in the Processing of Okazaki Fragments Indicates Template-Switching Events. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 3775-3787.	0.8	8
2027	The <i>Chlamydia suis</i> Genome Exhibits High Levels of Diversity, Plasticity, and Mobile Antibiotic Resistance: Comparative Genomics of a Recent Livestock Cohort Shows Influence of Treatment Regimes. <i>Genome Biology and Evolution</i> , 2017, 9, 750-760.	1.1	33
2028	Deciphering the emergence, genetic diversity and evolution of classical swine fever virus. <i>Scientific Reports</i> , 2017, 7, 17887.	1.6	32
2029	Lichenicolous species of <i>Hainesia</i> belong to Phacidiales (Leotiomycetes) and are included in an extended concept of <i>Epithamnolia</i> . <i>Mycologia</i> , 2017, 109, 882-899.	0.8	13

#	ARTICLE	IF	CITATIONS
2030	Role of PatS and cell type on the heterocyst spacing pattern in a filamentous branching cyanobacterium. <i>FEMS Microbiology Letters</i> , 2017, 364, .	0.7	8
2031	Integrative and conjugative elements and their hosts: composition, distribution and organization. <i>Nucleic Acids Research</i> , 2017, 45, 8943-8956.	6.5	129
2032	Redescription and Molecular Characterization of <i>Placobdella nuchalis</i> Sawyer and Shelley, 1976 (Hirudinida: Glossiphoniidae). <i>Bulletin of the Peabody Museum of Natural History</i> , 2017, 58, 311-316.	0.6	2
2033	Habitat Predicts Levels of Genetic Admixture in <i>Saccharomyces cerevisiae</i> . <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 2919-2929.	0.8	19
2034	Two known species of <i>Aporcelinus</i> Andr�ssy, 2009 (Dorylaimida: Aporcelaimidae) from Vietnam, with the first molecular study of the genus. <i>Nematology</i> , 2017, 19, 853-868.	0.2	5
2035	VCFtoTree: a user-friendly tool to construct locus-specific alignments and phylogenies from thousands of anthropologically relevant genome sequences. <i>BMC Bioinformatics</i> , 2017, 18, 426.	1.2	14
2036	Phylogeny, age structure, growth dynamics and colour pattern of the <i>Salamandra algira algira</i> population in the Edough Massif, northeastern Algeria. <i>Amphibia - Reptilia</i> , 2017, 38, 461-471.	0.1	4
2037	The coral genus <i>Caulastraea</i> Dana, 1846 (Scleractinia, Merulinidae) as a new host for gall crabs (Decapoda, Cryptochiridae), with the description of <i>Lithoscaptus tuerkayi</i> sp. nov.. <i>Crustaceana</i> , 2017, 90, 1027-1038.	0.1	6
2038	Emended description and resurrection of <i>Kadsura matsudae</i> (Schisandraceae). <i>Phytotaxa</i> , 2017, 311, 255.	0.1	2
2039	<i>Cortinarius longistipitatus</i> , a new species in subgenus <i>Telamonia</i> , section <i>Cinnabarini</i> , from Pakistan. <i>Phytotaxa</i> , 2017, 328, 257.	0.1	5
2040	Inhibition of Degranulation of RBL-2H3 Cells by Extracts and Compounds from <i>Armillaria ostoyae</i> . <i>Planta Medica International Open</i> , 2017, 4, e1-e7.	0.3	8
2041	Genetic Drift and Indel Mutation in the Evolution of Yeast Mitochondrial Genome Size. <i>Genome Biology and Evolution</i> , 2017, 9, 3088-3099.	1.1	31
2042	Multigene phylogeny of the scyphozoan jellyfish family Pelagiidae reveals that the common U.S. Atlantic sea nettle comprises two distinct species (<i>Chrysaora quinquecirrha</i> and <i>C. Tj ETQq0 0 0 rgBT /Overlock 10 11 50 257 T</i>).		
2043	Comparing mitogenomic timetrees for two African savannah primate genera (<i>Chlorocebus</i> and <i>Papio</i>). <i>Zoological Journal of the Linnean Society</i> , 2017, 181, 471-483.	1.0	15
2044	Preterm Infant-Associated <i>Clostridium tertium</i> , <i>Clostridium cadaveris</i> , and <i>Clostridium paraputrificum</i> Strains: Genomic and Evolutionary Insights. <i>Genome Biology and Evolution</i> , 2017, 9, 2707-2714.	1.1	39
2045	The Comparison of Expressed Candidate Secreted Proteins from Two Arbuscular Mycorrhizal Fungi Unravels Common and Specific Molecular Tools to Invade Different Host Plants. <i>Frontiers in Plant Science</i> , 2017, 8, 124.	1.7	100
2046	Characterization and Regulation of Aquaporin Genes of <i>Sorghum</i> [<i>Sorghum bicolor</i> (L.) Moench] in Response to Waterlogging Stress. <i>Frontiers in Plant Science</i> , 2017, 8, 862.	1.7	39
2047	Divergence and Conservative Evolution of XTNX Genes in Land Plants. <i>Frontiers in Plant Science</i> , 2017, 8, 1844.	1.7	22

#	ARTICLE	IF	CITATIONS
2049	Planktonic foraminifera-derived environmental DNA extracted from abyssal sediments preserves patterns of plankton macroecology. <i>Biogeosciences</i> , 2017, 14, 2741-2754.	1.3	36
2050	Bioinformatic Analysis Reveals Archaeal tRNA ^{Tyr} and tRNA ^{Trp} Identities in Bacteria. <i>Life</i> , 2017, 7, 8.	1.1	13
2051	Lindane Bioremediation Capability of Bacteria Associated with the Demosponge <i>Hymeniacidon perlevis</i> . <i>Marine Drugs</i> , 2017, 15, 108.	2.2	25
2052	Transcriptome analysis illuminates the nature of the intracellular interaction in a vertebrate-algal symbiosis. <i>ELife</i> , 2017, 6, .	2.8	44
2053	An "Aukward"™ Tale: A Genetic Approach to Discover the Whereabouts of the Last Great Auks. <i>Genes</i> , 2017, 8, 164.	1.0	11
2054	Phylogenetic Analysis and Antimicrobial Profiles of Cultured Emerging Opportunistic Pathogens (Phyla Actinobacteria and Proteobacteria) Identified in Hot Springs. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1070.	1.2	52
2055	Fish larval recruitment to reefs is a thyroid hormone-mediated metamorphosis sensitive to the pesticide chlorpyrifos. <i>ELife</i> , 2017, 6, .	2.8	58
2056	<i>Drosophila</i> Model for the Analysis of Genesis of LIM-kinase 1-Dependent Williams-Beuren Syndrome Cognitive Phenotypes: INDELS, Transposable Elements of the Tc1/Mariner Superfamily and MicroRNAs. <i>Frontiers in Genetics</i> , 2017, 8, 123.	1.1	9
2057	Transcriptomic Resilience of the <i>Montipora digitata</i> Holobiont to Low pH. <i>Frontiers in Marine Science</i> , 2017, 4, .	1.2	16
2058	Characterization of a Novel Nicotine Degradation Gene Cluster <i>ndp</i> in <i>Sphingomonas melonis</i> TY and Its Evolutionary Analysis. <i>Frontiers in Microbiology</i> , 2017, 8, 337.	1.5	16
2059	A Glimpse into the World of Integrative and Mobilizable Elements in Streptococci Reveals an Unexpected Diversity and Novel Families of Mobilization Proteins. <i>Frontiers in Microbiology</i> , 2017, 8, 443.	1.5	33
2060	Ca. <i>Similichlamydia</i> in Epitheliocystis Co-infection of Gilthead Seabream Gills: Unique Morphological Features of a Deep Branching Chlamydial Family. <i>Frontiers in Microbiology</i> , 2017, 8, 508.	1.5	16
2061	Delineation of Taxonomic Species within Complex of Species: <i>Aeromonas media</i> and Related Species as a Test Case. <i>Frontiers in Microbiology</i> , 2017, 8, 621.	1.5	27
2062	Identification of Cyanobacteria in a Eutrophic Coastal Lagoon on the Southern Baltic Coast. <i>Frontiers in Microbiology</i> , 2017, 8, 923.	1.5	55
2063	Identification and Characterization of <i>Mycoplasma feriruminatoris</i> sp. nov. Strains Isolated from Alpine Ibex: A 4th Species in the <i>Mycoplasma mycoides</i> Cluster Hosted by Non-domesticated Ruminants?. <i>Frontiers in Microbiology</i> , 2017, 8, 939.	1.5	11
2064	Cytokinin Metabolism of Pathogenic Fungus <i>Leptosphaeria maculans</i> Involves Isopentenyltransferase, Adenosine Kinase and Cytokinin Oxidase/Dehydrogenase. <i>Frontiers in Microbiology</i> , 2017, 8, 1374.	1.5	36
2065	Identification of FadAB Complexes Involved in Fatty Acid β^2 -Oxidation in <i>Streptomyces coelicolor</i> and Construction of a Triacylglycerol Overproducing strain. <i>Frontiers in Microbiology</i> , 2017, 8, 1428.	1.5	30
2066	Intestinal Bacterial Communities of Trypanosome-Infected and Uninfected <i>Glossina palpalis palpalis</i> from Three Human African Trypanomiasis Foci in Cameroon. <i>Frontiers in Microbiology</i> , 2017, 8, 1464.	1.5	13

#	ARTICLE	IF	CITATIONS
2085	Expression and evolutionary patterns of mycobacteriophage D29 and its temperate close relatives. <i>BMC Microbiology</i> , 2017, 17, 225.	1.3	24
2086	Characterization of erythrose reductase from <i>Yarrowia lipolytica</i> and its influence on erythritol synthesis. <i>Microbial Cell Factories</i> , 2017, 16, 118.	1.9	64
2087	A novel Coltivirus-related virus isolated from free-tailed bats from Côte d'Ivoire is able to infect human cells in vitro. <i>Virology Journal</i> , 2017, 14, 181.	1.4	21
2088	Incidence of dengue and chikungunya viruses in mosquitoes and human patients in border provinces of Vietnam. <i>Parasites and Vectors</i> , 2017, 10, 556.	1.0	25
2089	Hidden diversity of Nycteribiidae (Diptera) bat flies from the Malagasy region and insights on host-parasite interactions. <i>Parasites and Vectors</i> , 2017, 10, 630.	1.0	10
2090	Longitudinal genomic surveillance of multidrug-resistant <i>Escherichia coli</i> carriage in a long-term care facility in the United Kingdom. <i>Genome Medicine</i> , 2017, 9, 70.	3.6	44
2091	The mitochondrial genome of <i>Diaphanosoma dubium</i> with comparison with <i>Daphnia magna</i> . <i>Mitochondrial DNA Part B: Resources</i> , 2017, 2, 926-927.	0.2	13
2092	Draft genome sequence and characterization of commensal <i>Escherichia coli</i> strain BG1 isolated from bovine gastro-intestinal tract. <i>Standards in Genomic Sciences</i> , 2017, 12, 61.	1.5	9
2093	Polyphasic characterization of <i>Westiellopsis prolifica</i> (Hapalosiphonaceae, Cyanobacteria) from the El-Farafra Oasis (Western Desert, Egypt). <i>Phycologia</i> , 2017, 56, 697-709.	0.6	10
2094	New records and description of two new species of carideans shrimps from Bah�a Santa Mar�a-La Reforma lagoon, Gulf of California, Mexico (Crustacea, Caridea, Alpheidae and Processidae). <i>ZooKeys</i> , 2017, 671, 131-153.	0.5	6
2095	New species of <i>Auritella</i> (Inocybaceae) from Cameroon, with a worldwide key to the known species. <i>IMA Fungus</i> , 2017, 8, 287-298.	1.7	8
2097	Complete plasmid sequence carrying type IV-like and type VII secretion systems from an atypical mycobacteria strain. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2017, 112, 514-516.	0.8	3
2098	Identification of Alpha and Beta Coronavirus in Wildlife Species in France: Bats, Rodents, Rabbits, and Hedgehogs. <i>Viruses</i> , 2017, 9, 364.	1.5	126
2099	Febrile Rhinovirus Illness During Pregnancy Is Associated With Low Birth Weight in Nepal. <i>Open Forum Infectious Diseases</i> , 2017, 4, ofx073.	0.4	10
2100	Analysis of the genome of the New Zealand giant collembolan (<i>Holacanthella duospinosa</i>) sheds light on hexapod evolution. <i>BMC Genomics</i> , 2017, 18, 795.	1.2	28
2101	Immunocapture and simple-direct-tube-reverse transcriptase polymerase chain reaction (RT-PCR) for detection of Rice yellow mottle virus. <i>African Journal of Biotechnology</i> , 2017, 16, 1331-1337.	0.3	0
2102	Diversity, virulence, and antimicrobial resistance of the KPC-producing <i>Klebsiella pneumoniae</i> ST307 clone. <i>Microbial Genomics</i> , 2017, 3, e000110.	1.0	122
2103	ARIBA: rapid antimicrobial resistance genotyping directly from sequencing reads. <i>Microbial Genomics</i> , 2017, 3, e000131.	1.0	478

#	ARTICLE	IF	CITATIONS
2104	Austromonticola, a new genus of broad-nosed weevil (Coleoptera, Curculionidae, Entiminae) from montane areas of New Zealand. ZooKeys, 2017, 707, 73-130.	0.5	9
2105	Evaluating the use of whole-genome sequencing for outbreak investigations in the lack of closely related reference genome. Infection, Genetics and Evolution, 2018, 59, 1-6.	1.0	7
2106	The ancestral retinoic acid receptor was a low-affinity sensor triggering neuronal differentiation. Science Advances, 2018, 4, eaao1261.	4.7	37
2107	Complex taxonomy of the "brush tail" peregrine earthworm <i>Pontoscolex corethrurus</i> . Molecular Phylogenetics and Evolution, 2018, 124, 60-70.	1.2	27
2108	Using an integrated approach to identify cryptic species, divergence patterns and hybrid species in Asian ladies' tresses orchids (<i>Spiranthes</i> , Orchidaceae). Molecular Phylogenetics and Evolution, 2018, 124, 106-121.	1.2	20
2109	Molecular phylogenetics and species limits in a cryptically coloured radiation of Australo-Papuan passerine birds (<i>Pachycephalidae</i> : <i>Colluricincla</i>). Molecular Phylogenetics and Evolution, 2018, 124, 100-105.	1.2	16
2110	A taxonomic and evolutionary review of the South American <i>Hierochloa</i> section <i>Monoecia</i> (Poaceae: <i>Tj ETQq0 0 0 rgBT /Overlock 10 T</i>)	0.8	1
2111	Shifts in diversification rates and host jump frequencies shaped the diversity of host range among <i>Sclerotiniaceae</i> fungal plant pathogens. Molecular Ecology, 2018, 27, 1309-1323.	2.0	40
2112	Variable dispersal histories across the Drake Passage: The case of coastal benthic Foraminifera. Marine Micropaleontology, 2018, 140, 81-94.	0.5	6
2113	Microbial diversity in biodeteriorated Greek historical documents dating back to the 19th and 20th century: A case study. MicrobiologyOpen, 2018, 7, e00596.	1.2	32
2114	Multilocus phylogenetic analysis of <i>Talaromyces</i> species isolated from cucurbit plants in China and description of two new species, <i>T. cucurbitiradicus</i> and <i>T. endophyticus</i> . Mycologia, 2018, 110, 375-386.	0.8	14
2115	Plasmodium parasites in reptiles from the Colombia Orinoco-Amazon basin: a re-description of <i>Plasmodium kentropyxi</i> Lainson R, Landau I, Paperna I, 2001 and <i>Plasmodium carmelinoi</i> Lainson R, Franco CM, da Matta R, 2010. Parasitology Research, 2018, 117, 1357-1370.	0.6	11
2116	Characterization and validation of <i>Entamoeba histolytica</i> pantothenate kinase as a novel anti-amebic drug target. International Journal for Parasitology: Drugs and Drug Resistance, 2018, 8, 125-136.	1.4	14
2117	SARS-CoV related Betacoronavirus and diverse Alphacoronavirus members found in western old-world. Virology, 2018, 517, 88-97.	1.1	71
2118	A Review of the <i>Pattonomys/Toromys</i> Clade (Rodentia: Echimyidae), with Descriptions of a New <i>Toromys</i> Species and a New Genus. American Museum Novitates, 2018, 3894, 1-52.	0.2	17
2119	Characterisation of the intracellular protozoan MPX in Scottish mussels, <i>Mytilus edulis</i> Linnaeus, 1758. Journal of Invertebrate Pathology, 2018, 153, 99-108.	1.5	6
2120	Genomic and phenotypic diversity of <i>Clostridium difficile</i> during long-term sequential recurrences of infection. International Journal of Medical Microbiology, 2018, 308, 364-377.	1.5	14
2121	Tour around the globe: The case of invasive tapeworm <i>Atractolytocestus huronensis</i> (Cestoda: <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 5</i>)	0.6	5

#	ARTICLE	IF	CITATIONS
2122	Phylogeny and Morphology of New Diplonemids from Japan. <i>Protist</i> , 2018, 169, 158-179.	0.6	44
2123	Loss of metagenesis and evolution of a parasitic life style in a group of open-ocean jellyfish. <i>Molecular Phylogenetics and Evolution</i> , 2018, 124, 50-59.	1.2	20
2124	Identification, expression, and endocrine-disruption of three ecdysone-responsive genes in the sentinel species <i>Gammarus fossarum</i> . <i>Scientific Reports</i> , 2018, 8, 3793.	1.6	17
2125	The Apicomplexa-specific glucosamine-6-phosphate N-acetyltransferase gene family encodes a key enzyme for glycoconjugate synthesis with potential as therapeutic target. <i>Scientific Reports</i> , 2018, 8, 4005.	1.6	14
2126	Exploring modular allostery via interchangeable regulatory domains. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3006-3011.	3.3	27
2127	Nicotinic acetylcholine receptor subunit $\hat{1}\pm 6$ associated with spinosad resistance in <i>Rhyzopertha dominica</i> (Coleoptera: Bostrichidae). <i>Pesticide Biochemistry and Physiology</i> , 2018, 148, 68-73.	1.6	7
2128	Distinct amino acid residues confer one of three UDP-sugar substrate specificities in <i>Acinetobacter baumannii</i> PglC phosphoglycosyltransferases. <i>Glycobiology</i> , 2018, 28, 522-533.	1.3	21
2129	Primers targeting mitochondrial genes of avian haemosporidians: PCR detection and differential DNA amplification of parasites belonging to different genera. <i>International Journal for Parasitology</i> , 2018, 48, 657-670.	1.3	60
2130	<scp>dinoref</scp>: A curated dinoflagellate (Dinophyceae) reference database for the 18S rRNA gene. <i>Molecular Ecology Resources</i> , 2018, 18, 974-987.	2.2	40
2131	Two Groups of Cocirculating, Epidemic <i>Clostridiodes difficile</i> Strains Microdiversify through Different Mechanisms. <i>Genome Biology and Evolution</i> , 2018, 10, 982-998.	1.1	8
2132	On the phylogenetic position of the genus <i>Raphidocystis</i> (Haptista: Centroplasthelida) with notes on the dimorphism in centrohelid life cycle. <i>European Journal of Protistology</i> , 2018, 64, 82-90.	0.5	22
2133	Genome Re-Sequencing of Diverse Sweet Cherry (<i>Prunus avium</i>) Individuals Reveals a Modifier Gene Mutation Conferring Pollen-Part Self-Compatibility. <i>Plant and Cell Physiology</i> , 2018, 59, 1265-1275.	1.5	37
2134	Anchored phylogenomics of burrowing mayflies (Ephemeroptera) and the evolution of tusks. <i>Systematic Entomology</i> , 2018, 43, 692-701.	1.7	12
2135	Diversity and distribution of <i>Udotea</i> genus J.V. Lamouroux (Chlorophyta, Udoteaceae) in the Yucatan peninsula littoral, Mexico. <i>Phytotaxa</i> , 2018, 345, 179.	0.1	3
2136	Sequence Analysis of IncA/C and IncI1 Plasmids Isolated from Multidrug-Resistant <i>Salmonella</i> Newport Using Single-Molecule Real-Time Sequencing. <i>Foodborne Pathogens and Disease</i> , 2018, 15, 361-371.	0.8	16
2137	Description of a New Subfamily, Astrocloninae (Ophiuroidea: Euryalida: Gorgonocephalidae), Based on Molecular Phylogeny and Morphological Observations. <i>Zoological Science</i> , 2018, 35, 179-187.	0.3	6
2138	Diversity within the novel <i>Dickeya fangzhongdai</i> sp., isolated from infected orchids, water and pears. <i>Plant Pathology</i> , 2018, 67, 1612-1620.	1.2	28
2140	Plant potassium nutrition in ectomycorrhizal symbiosis: properties and roles of the three fungal TOK potassium channels in <i>Hebeloma cylindrosporum</i> . <i>Environmental Microbiology</i> , 2018, 20, 1873-1887.	1.8	26

#	ARTICLE	IF	CITATIONS
2141	Analysis of Transposable Elements Expressed in the Gonads of the Siberian Sturgeon. , 2018, , 115-130.		1
2142	Evolutionary relationships of two balitorids (Cypriniformes, Balitoridae) revealed by comparative mitogenomics. <i>Zoologica Scripta</i> , 2018, 47, 300-310.	0.7	9
2143	<i>Giardia duodenalis</i> in primates: Classification and host specificity based on phylogenetic analysis of sequence data. <i>Zoonoses and Public Health</i> , 2018, 65, 637-647.	0.9	17
2144	<i>Culex pipiens</i> crossing type diversity is governed by an amplified and polymorphic operon of <i>Wolbachia</i> . <i>Nature Communications</i> , 2018, 9, 319.	5.8	77
2145	Resolving taxonomic ambiguity and cryptic speciation of <i>Hypotrigena</i> species through morphometrics and DNA barcoding. <i>Journal of Apicultural Research</i> , 2018, 57, 354-363.	0.7	13
2146	Hologenomic adaptations underlying the evolution of sanguivory in the common vampire bat. <i>Nature Ecology and Evolution</i> , 2018, 2, 659-668.	3.4	124
2147	Effect of N-linked glycosylation on the activity and stability of a β -glucosidase from <i>Putranjiva roxburghii</i> . <i>International Journal of Biological Macromolecules</i> , 2018, 112, 490-498.	3.6	19
2148	MtNRLK1, a CLAVATA1-like leucine-rich repeat receptor-like kinase upregulated during nodulation in <i>Medicago truncatula</i> . <i>Scientific Reports</i> , 2018, 8, 2046.	1.6	9
2149	Constraining uncertainty in the timescale of angiosperm evolution and the veracity of a Cretaceous Terrestrial Revolution. <i>New Phytologist</i> , 2018, 218, 819-834.	3.5	149
2150	The β -Ketoacyl-CoA Synthase HvKCS1, Encoded by Cer-zh, Plays a Key Role in Synthesis of Barley Leaf Wax and Germination of Barley Powdery Mildew. <i>Plant and Cell Physiology</i> , 2018, 59, 811-827.	1.5	37
2151	Antiretroviral drug concentrations in hair are associated with virologic outcomes among young people living with HIV in Tanzania. <i>Aids</i> , 2018, 32, 1115-1123.	1.0	25
2152	A heterogeneous human immunodeficiency virus-like particle (VLP) formulation produced by a novel vector system. <i>Npj Vaccines</i> , 2018, 3, 2.	2.9	17
2153	Molecular Phylogeny of the Grassland Leafhopper Tribe Hecalini (Hemiptera: Cicadellidae): Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 262 Td	1.3	3
2154	Dispersal and mating strategies in two neotropical soil-feeding termites, <i>Embiratermes neotenicus</i> and <i>Silvestritermes minutus</i> (Termitidae, Syntermitinae). <i>Insectes Sociaux</i> , 2018, 65, 251-262.	0.7	8
2155	Diversity of Cercomonad Species in the Phyllosphere and Rhizosphere of Different Plant Species with a Description of <i>Neocercomonas epiphylla</i> (Cercozoa, Rhizaria) a Leaf-Associated Protist. <i>Journal of Eukaryotic Microbiology</i> , 2018, 65, 587-599.	0.8	22
2156	Patterns of diversity, endemism and specialization in the root symbiont communities of alder species on the island of Corsica. <i>New Phytologist</i> , 2018, 219, 336-349.	3.5	8
2157	A primordial and reversible TCA cycle in a facultatively chemolithoautotrophic thermophile. <i>Science</i> , 2018, 359, 559-563.	6.0	155
2158	Identification of bat trypanosomes from Minas Gerais state, Brazil, based on 18S rDNA and Cathepsin-L-like targets. <i>Parasitology Research</i> , 2018, 117, 737-746.	0.6	11

#	ARTICLE	IF	CITATIONS
2159	Mode and Rate of Evolution of Haemosporidian Mitochondrial Genomes: Timing the Radiation of Avian Parasites. <i>Molecular Biology and Evolution</i> , 2018, 35, 383-403.	3.5	122
2160	Models for predicting the evolution of influenza to inform vaccine strain selection. <i>Human Vaccines and Immunotherapeutics</i> , 2018, 14, 678-683.	1.4	51
2161	Morphology, Morphogenesis, and Molecular Phylogeny of a New Soil Ciliate, <i>Sterkiella multicirrata</i> sp. nov. (Ciliophora, Hypotrichia) from China. <i>Journal of Eukaryotic Microbiology</i> , 2018, 65, 627-636.	0.8	6
2162	Population differentiation between Australian and Chinese <i>Helicoverpa armigera</i> occurs in distinct blocks on the Z-chromosome. <i>Bulletin of Entomological Research</i> , 2018, 108, 817-830.	0.5	2
2163	The RNA-splicing endonuclease from the euryarchaeon <i>Methanopyrus kandleri</i> is a heterotetramer with constrained substrate specificity. <i>Nucleic Acids Research</i> , 2018, 46, 1958-1972.	6.5	7
2164	Bipartite Network Analysis of Gene Sharings in the Microbial World. <i>Molecular Biology and Evolution</i> , 2018, 35, 899-913.	3.5	31
2165	Altered chemomechanical coupling causes impaired motility of the kinesin-4 motors KIF27 and KIF7. <i>Journal of Cell Biology</i> , 2018, 217, 1319-1334.	2.3	25
2166	Further insights into the highly derived haptorids (Ciliophora, Litostomatea): Phylogeny based on multigene data. <i>Zoologica Scripta</i> , 2018, 47, 231-242.	0.7	33
2167	Transcriptional Response to Lactic Acid Stress in the Hybrid Yeast <i>Zygosaccharomyces parabailii</i> . <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	18
2168	<i>Arabidopsis</i> pollen extensins LRX are required for cell wall integrity during pollen tube growth. <i>FEBS Letters</i> , 2018, 592, 233-243.	1.3	75
2169	<i>Aglaophenia octodonta</i> (Cnidaria, Hydrozoa) and the Associated Microbial Community: a Cooperative Alliance?. <i>Microbial Ecology</i> , 2018, 76, 258-271.	1.4	0
2170	Comparative Genomics of Gene Loss and Gain in <i>Caenorhabditis</i> and Other Nematodes. <i>Methods in Molecular Biology</i> , 2018, 1704, 419-432.	0.4	22
2171	Eyes of the Deep-sea Floor: The Integrative Taxonomy of the Foraminiferal Genus <i>Vanhoeffenella</i> . <i>Protist</i> , 2018, 169, 235-267.	0.6	6
2172	Rediscovery of the Testate Amoeba Genus <i>Penardeugenia</i> (Thaumatomonadida, Imbricatea). <i>Protist</i> , 2018, 169, 29-42.	0.6	12
2173	Morphological and molecular characterization of a novel myxosporean parasite <i>Myxobolus bejeranoi</i> n. sp. (Cnidaria: Myxosporea) from hybrid tilapia in Israel. <i>Parasitology Research</i> , 2018, 117, 491-499.	0.6	9
2174	Corticosteroid treatment is associated with increased filamentous fungal burden in allergic fungal disease. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 407-414.	1.5	76
2175	Mammalian Adaptation of an Avian Influenza A Virus Involves Stepwise Changes in NS1. <i>Journal of Virology</i> , 2018, 92, .	1.5	31
2176	Evolution of the growth hormone, prolactin, prolactin 2 and somatolactin family. <i>General and Comparative Endocrinology</i> , 2018, 264, 94-112.	0.8	45

#	ARTICLE	IF	CITATIONS
2177	Multigene-based phylogeny of Urostylida (Ciliophora, Hypotrichia), with establishment of a novel family. <i>Zoologica Scripta</i> , 2018, 47, 243-254.	0.7	47
2178	Evolution of higher torque in Campylobacter-type bacterial flagellar motors. <i>Scientific Reports</i> , 2018, 8, 97.	1.6	70
2179	Biodiversity and distribution of microzooplankton in <i>Spirulina</i> (<i>Arthrospira</i>) <i>platensis</i> mass cultures throughout China. <i>Algal Research</i> , 2018, 30, 38-49.	2.4	37
2180	Molecular phylogeny of the Aglajidae head-shield sea slugs (Heterobranchia: Cephalaspidea): new evolutionary lineages revealed and proposal of a new classification. <i>Zoological Journal of the Linnean Society</i> , 2018, 183, 1-51.	1.0	16
2181	Five new species and two new genera of xenophyophores (Foraminifera: Rhizaria) from part of the abyssal equatorial Pacific licensed for polymetallic nodule exploration. <i>Zoological Journal of the Linnean Society</i> , 2018, 183, 723-748.	1.0	20
2182	Phylogenetic approaches reveal a new sterile lichen in the genus <i>Loxospora</i> (Sarrameanales.) <i>Tj ETQq1 1 0.784314 rgBT / Overlock 10</i>	0.1	11
2183	Complete mitochondrial genome of a Toque Macaque (<i>Macaca sinica</i>). <i>Mitochondrial DNA Part B: Resources</i> , 2018, 3, 182-183.	0.2	7
2184	Chloroplastic and nuclear diversity of wild beetles at a large geographical scale: Insights into the evolutionary history of the <i>Beta</i> section. <i>Ecology and Evolution</i> , 2018, 8, 2890-2900.	0.8	9
2185	Genomic characterization of <i>Nitrospirillum amazonense</i> strain CBAmC, a nitrogen-fixing bacterium isolated from surface-sterilized sugarcane stems. <i>Molecular Genetics and Genomics</i> , 2018, 293, 997-1016.	1.0	17
2186	H _v Proton Channels in Dinoflagellates: Not Just for Bioluminescence?. <i>Journal of Eukaryotic Microbiology</i> , 2018, 65, 928-933.	0.8	9
2187	Characterization of multiple enolase genes from <i>Trichomonas vaginalis</i> . Potential novel targets for drug and vaccine design. <i>Parasitology International</i> , 2018, 67, 444-453.	0.6	9
2188	Ancestral Function and Diversification of a Horizontally Acquired Oomycete Carboxylic Acid Transporter. <i>Molecular Biology and Evolution</i> , 2018, 35, 1887-1900.	3.5	24
2189	Genetic and Functional Characterization of an MCR-3-Like Enzyme-Producing <i>Escherichia coli</i> Isolate Recovered from Swine in Brazil. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	34
2190	Complete genome sequence of <i>Bacillus velezensis</i> QST713: A biocontrol agent that protects <i>Agaricus bisporus</i> crops against the green mould disease. <i>Journal of Biotechnology</i> , 2018, 278, 10-19.	1.9	67
2191	Expression Profiles and Functional Characterization of Two Odorant-Binding Proteins From the Apple Buprestid Beetle <i>Agilus mali</i> (Coleoptera: Buprestidae). <i>Journal of Economic Entomology</i> , 2018, 111, 1420-1432.	0.8	36
2192	Blum versus Romagnesi: testing possible synonymies of some European russulas (Russulaceae.) <i>Tj ETQq1 1 0.784314 rgBT / Overlock 10</i>	0.3	1
2193	Spatiotemporal and demographic history of the HIV-1 circulating recombinant form CRF31_BC in Brazil. <i>Infection, Genetics and Evolution</i> , 2018, 61, 113-118.	1.0	3
2194	Carbonate-sensitive phytotransferrin controls high-affinity iron uptake in diatoms. <i>Nature</i> , 2018, 555, 534-537.	13.7	106

#	ARTICLE	IF	CITATIONS
2195	SCOTCH: subtype A coreceptor tropism classification in HIV-1. <i>Bioinformatics</i> , 2018, 34, 2575-2580.	1.8	15
2196	Molecular phylogeny, systematics, and revision of the type species of <i>Lobomonas</i> , <i>L. afrancei</i> (Volvocales, Chlorophyta) and closely related taxa. <i>Journal of Phycology</i> , 2018, 54, 198-214.	1.0	4
2197	Extremely Divergent Haplotypes in Two Toxin Gene Complexes Encode Alternative Venom Types within Rattlesnake Species. <i>Current Biology</i> , 2018, 28, 1016-1026.e4.	1.8	41
2198	Characterization of a murine model of non-lethal, symptomatic dengue virus infection. <i>Scientific Reports</i> , 2018, 8, 4900.	1.6	23
2199	Photobiont switching causes changes in the reproduction strategy and phenotypic dimorphism in the Arthoniomycetes. <i>Scientific Reports</i> , 2018, 8, 4952.	1.6	41
2200	A new cryptic species of <i>Asteronyx</i> MÅller and Troschel, 1842 (Echinodermata: Ophiuroidea), based on molecular phylogeny and morphology, from off Pacific Coast of Japan. <i>Zoologischer Anzeiger</i> , 2018, 274, 14-33.	0.4	9
2201	Phylogenetic positions of seven poorly known species of <i>Ferula</i> (Apiaceae) with remarks on the phylogenetic utility of the plastid <i>trnH-psbA</i> , <i>trnS-trnG</i> , and <i>atpB-rbcL</i> intergenic spacers. <i>Systematics and Biodiversity</i> , 2018, 16, 428-440.	0.5	6
2202	Taitaia, a novel lichenicolous fungus in tropical montane forests in Kenya (East Africa). <i>Lichenologist</i> , 2018, 50, 173-184.	0.5	13
2203	DNA barcoding of the fishes of the genus <i>Alburnoides</i> (Actinopterygii, Cyprinidae) from Caucasus. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2018, 29, 49-55.	0.7	18
2204	Bank Voles in Southern Eurasia: Vicariance and Adaptation. <i>Journal of Mammalian Evolution</i> , 2018, 25, 119-129.	1.0	6
2205	Optimal data partitioning, multispecies coalescent and Bayesian concordance analyses resolve early divergences of the grape family (Vitaceae). <i>Cladistics</i> , 2018, 34, 57-77.	1.5	44
2206	Morphology and Phylogeny of Two Novel Ciliates, <i>Arcanisutura chongmingensis</i> n. gen., n. sp. and <i>Naxella paralucida</i> n. sp. from Shanghai, China. <i>Journal of Eukaryotic Microbiology</i> , 2018, 65, 48-60.	0.8	8
2207	Improvement of cowpea productivity by rhizobial and mycorrhizal inoculation in Burkina Faso. <i>Symbiosis</i> , 2018, 74, 107-120.	1.2	17
2208	Evolution of the receptors for growth hormone, prolactin, erythropoietin and thrombopoietin in relation to the vertebrate tetraploidizations. <i>General and Comparative Endocrinology</i> , 2018, 257, 143-160.	0.8	26
2209	Morphological and mitochondrial <i>scp</i> DNA variation revealed an undescribed lineage under the genus <i>Sperata</i> (Bagridae) in Bangladesh. <i>Acta Zoologica</i> , 2018, 99, 177-187.	0.6	2
2210	Genetic analysis of ciliates living on the groundwater amphipod <i>Crangonyx islandicus</i> (Amphipoda: Crangonyctidae). <i>Acta Zoologica</i> , 2018, 99, 188-198.	0.6	7
2211	A CTG Clade Candida Yeast Genetically Engineered for the Genotype-Phenotype Characterization of Azole Antifungal Resistance in Human-Pathogenic Yeasts. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	1.4	6
2212	Molecular characterization of hepatitis C virus in end-stage renal disease patients under hemodialysis. <i>Journal of Medical Virology</i> , 2018, 90, 537-544.	2.5	4

#	ARTICLE	IF	CITATIONS
2213	Hepatitis E virus subtype 3f strains isolated from Japanese hepatitis patients with no history of travel to endemic areas – The origin analyzed by molecular evolution. <i>Virology</i> , 2018, 513, 146-152.	1.1	12
2214	<i>Proteinivorax hydrogeniformans</i> sp. nov., an anaerobic, haloalkaliphilic bacterium fermenting proteinaceous compounds with high hydrogen production. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 275-284.	0.7	11
2215	Multilocus and SSU rRNA gene phylogenetic analyses of available cyanobacterial genomes, and their relation to the current taxonomic system. <i>Hydrobiologia</i> , 2018, 811, 19-34.	1.0	55
2216	Phylogeny of the families Zoothamniidae and Epistylididae (Protozoa: Ciliophora: Peritrichia) based on analyses of three rRNA-coding regions. <i>Molecular Phylogenetics and Evolution</i> , 2018, 118, 99-107.	1.2	22
2217	Reconsideration of the systematics of Peniculida (Protista, Ciliophora) based on SSU rRNA gene sequences and new morphological features of <i>Marituja</i> and <i>Disematostoma</i> . <i>Hydrobiologia</i> , 2018, 806, 313-331.	1.0	15
2218	A Bacteriophage Capsid Protein Is an Inhibitor of a Conserved Transcription Terminator of Various Bacterial Pathogens. <i>Journal of Bacteriology</i> , 2018, 200, .	1.0	33
2219	<i>Nosema maddoxi</i> sp. nov. (Microsporidia, Nosematidae), a Widespread Pathogen of the Green Stink Bug <i>Chinavia hilaris</i> (Say) and the Brown Marmorated Stink Bug <i>Halyomorpha halys</i> (Stål). <i>Journal of Eukaryotic Microbiology</i> , 2018, 65, 315-330.	0.8	25
2220	Remarkable genetic homogeneity supports a single widespread species of <i>Hoplosternum littorale</i> (Siluriformes, Callichthyidae) in South America. <i>Conservation Genetics Resources</i> , 2018, 10, 563-569.	0.4	2
2221	Deep divergence among mitochondrial lineages in African jackals. <i>Zoologica Scripta</i> , 2018, 47, 1-8.	0.7	13
2222	Multilocus phylogeny and species delimitation within the genus <i>Glaucocyteris</i> (Chiroptera, Tj ETQq1 1 0.784314 rgBT /Overlo Democratic Republic of the Congo. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2018, 56, 1-22.	0.6	22
2223	Systematics of the <i>Culex coronator</i> complex (Diptera: Culicidae): morphological and molecular assessment. <i>Zoological Journal of the Linnean Society</i> , 2018, 182, 735-757.	1.0	8
2224	Investigating monsoon and post-monsoon variabilities of bacterioplankton communities in a mangrove ecosystem. <i>Environmental Science and Pollution Research</i> , 2018, 25, 5722-5739.	2.7	33
2225	Morphological and genetic description of <i>Syringamina limosa</i> sp. nov., the first xenophyophore (Foraminifera) from the deep Sea of Okhotsk. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2018, 154, 32-46.	0.6	5
2226	Identifying protist consumers of photosynthetic picoeukaryotes in the surface ocean using stable isotope probing. <i>Environmental Microbiology</i> , 2018, 20, 815-827.	1.8	51
2227	Detection of Latino virus (Arenaviridae: Mammarenavirus) naturally infecting <i>Calomys callidus</i> . <i>Acta Tropica</i> , 2018, 179, 17-24.	0.9	12
2228	Spatial patterns of genetic diversity among Australian alpine flora communities revealed by comparative phylogenomics. <i>Journal of Biogeography</i> , 2018, 45, 177-189.	1.4	8
2229	Taxon sampling to address an ancient rapid radiation: a supermatrix phylogeny of early brachyceran flies (Diptera). <i>Systematic Entomology</i> , 2018, 43, 277-289.	1.7	28
2230	New systematic position of <i>Aurantiporus alborubescens</i> (Meruliaceae, Basidiomycota), a threatened old-growth forest polypore. <i>Mycological Progress</i> , 2018, 17, 319-332.	0.5	21

#	ARTICLE	IF	CITATIONS
2231	Absence of co-phylogeny indicates repeated diatom capture in dinophytes hosting a tertiary endosymbiont. <i>Organisms Diversity and Evolution</i> , 2018, 18, 29-38.	0.7	12
2232	Lignin and cellulose synthesis and antioxidative defense mechanisms are affected by light quality in <i>Brachypodium distachyon</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2018, 133, 1-14.	1.2	20
2233	Obligate sulfur oxidation in <i>Mesotoga</i> spp., phylum <i>Thermotogae</i> , in the presence of either elemental sulfur or hydrogenotrophic sulfate-reducers as electron acceptor. <i>Environmental Microbiology</i> , 2018, 20, 281-292.	1.8	28
2234	Detection of foliar endophytes and their metabolites in <i>Picea</i> and <i>Pinus</i> seedling needles. <i>Fungal Ecology</i> , 2018, 31, 1-8.	0.7	18
2235	Cophylogenetic analysis of lice in the <i>Colpocephalum</i> complex (Phthiraptera: Amblycera). <i>Zoologica Scripta</i> , 2018, 47, 72-83.	0.7	9
2236	The mitochondrial genomes of the mesozoans <i>Intoshia linei</i> , <i>Dicyemasp.</i> and <i>Dicyema japonicum</i> . <i>Parasitology Open</i> , 2018, 4, .	0.9	2
2237	Screening of polyhydroxyalkanoate-producing bacteria and PhaC-encoding genes in two hypersaline microbial mats from Guerrero Negro, Baja California Sur, Mexico. <i>PeerJ</i> , 2018, 6, e4780.	0.9	16
2238	Isolation and Characterization of Nanobodies against a Zinc-Transporting P-Type ATPase. <i>Antibodies</i> , 2018, 7, 39.	1.2	4
2239	Transcriptomic Characterization of the South American Freshwater Stingray <i>Potamotrygon motoro</i> Venom Apparatus. <i>Toxins</i> , 2018, 10, 544.	1.5	13
2240	Morphological, molecular and phylogenetic characterization of <i>Borrelia theileri</i> in <i>Rhipicephalus microplus</i> . <i>Brazilian Journal of Veterinary Parasitology</i> , 2018, 27, 555-561.	0.2	12
2241	Classification, substrate specificity and structural features of D-2-hydroxyacid dehydrogenases: 2HADH knowledgebase. <i>BMC Evolutionary Biology</i> , 2018, 18, 199.	3.2	21
2242	Metal binding functions of metallothioneins in the slug <i>Arion vulgaris</i> differ from metal-specific isoforms of terrestrial snails. <i>Metallomics</i> , 2018, 10, 1638-1654.	1.0	19
2243	Pecan Bacterial Leaf Scorch, Caused by <i>Xylella fastidiosa</i> , Is Endemic in Georgia Pecan Orchards. <i>Plant Health Progress</i> , 2018, 19, 284-287.	0.8	5
2244	Characterization of two <i>Pantoea</i> strains isolated from extra-virgin olive oil. <i>AMB Express</i> , 2018, 8, 113.	1.4	13
2245	<i>Cyrea Szymborska</i> Gen. Et Sp. Nov., a New Textulariid Foraminifer from the Mediterranean Sea. <i>Journal of Foraminiferal Research</i> , 2018, 48, 156-163.	0.1	3
2246	Cucumber mosaic virus infecting 'Cavendish' banana in Argentina. <i>Australasian Plant Disease Notes</i> , 2018, 13, 1.	0.4	0
2247	<i>Cortinarius</i> sect. <i>Riederi</i> : taxonomy and phylogeny of the new section with European and North American distribution. <i>Mycological Progress</i> , 2018, 17, 1323-1354.	0.5	10
2248	Ancient DNA of the extinct Jamaican monkey <i>Xenothrix</i> reveals extreme insular change within a morphologically conservative radiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 12769-12774.	3.3	39

#	ARTICLE	IF	CITATIONS
2249	Xenophyophores (Rhizaria, Foraminifera) from the Eastern Clarion-Clipperton Zone (equatorial) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 74	0.6	9
2250	Multiplex real-time PCR assay to detect illegal trade of CITES-listed shark species. <i>Scientific Reports</i> , 2018, 8, 16313.	1.6	44
2251	Microbially Mediated Hydrogen Cycling in Deep-Sea Hydrothermal Vents. <i>Frontiers in Microbiology</i> , 2018, 9, 2873.	1.5	33
2252	<i>Allobodo chlorophagus</i> n. gen. n. sp., a Kinetoplastid that Infiltrates and Feeds on the Invasive Alga <i>Codium fragile</i> . <i>Protist</i> , 2018, 169, 911-925.	0.6	4
2253	Expanding an expanded genome: long-read sequencing of <i>Trypanosoma cruzi</i> . <i>Microbial Genomics</i> , 2018, 4, .	1.0	110
2254	NAT/NCS2-hound: a webserver for the detection and evolutionary classification of prokaryotic and eukaryotic nucleobase-cation symporters of the NAT/NCS2 family. <i>GigaScience</i> , 2018, 7, .	3.3	8
2255	Hemimastigophora is a novel supra-kingdom-level lineage of eukaryotes. <i>Nature</i> , 2018, 564, 410-414.	13.7	101
2256	Distribution and phenotypic variability of the Mediterranean gorgonian <i>Paramuricea macrospina</i> (Cnidaria: Octocorallia). , 2018, 85, 392-408.		8
2257	Genetics and Genomics of an Unusual Selfish Sex Ratio Distortion in an Insect. <i>Current Biology</i> , 2018, 28, 3864-3870.e4.	1.8	12
2258	Whole Genome Sequencing for Determining the Source of <i>Mycobacterium bovis</i> Infections in Livestock Herds and Wildlife in New Zealand. <i>Frontiers in Veterinary Science</i> , 2018, 5, 272.	0.9	44
2259	Cyprus as an ancient hub for house mice and humans. <i>Journal of Biogeography</i> , 2018, 45, 2619-2630.	1.4	12
2260	Cetacean Poxvirus in Two Striped Dolphins (<i>Stenella coeruleoalba</i>) Stranded on the Tyrrhenian Coast of Italy: Histopathological, Ultrastructural, Biomolecular, and Ecotoxicological Findings. <i>Frontiers in Veterinary Science</i> , 2018, 5, 219.	0.9	10
2261	Giant flagellins form thick flagellar filaments in two species of marine β -proteobacteria. <i>PLoS ONE</i> , 2018, 13, e0206544.	1.1	10
2262	Annotation and analysis of the mitochondrial genome of <i>Coniothyrium glycines</i> , causal agent of red leaf blotch of soybean, reveals an abundance of homing endonucleases. <i>PLoS ONE</i> , 2018, 13, e0207062.	1.1	15
2263	Annotated 18S and 28S rDNA reference sequences of taxa in the planktonic diatom family Chaetocerotaceae. <i>PLoS ONE</i> , 2018, 13, e0208929.	1.1	39
2264	Ecological Succession of Sulfur-Oxidizing Epsilon- and Gammaproteobacteria During Colonization of a Shallow-Water Gas Vent. <i>Frontiers in Microbiology</i> , 2018, 9, 2970.	1.5	25
2265	Ancient nuclear genomes enable repatriation of Indigenous human remains. <i>Science Advances</i> , 2018, 4, eaau5064.	4.7	41
2266	Biochemical, Metabolomic, and Genetic Analyses of Dephospho Coenzyme A Kinase Involved in Coenzyme A Biosynthesis in the Human Enteric Parasite <i>Entamoeba histolytica</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 2902.	1.5	10

#	ARTICLE	IF	CITATIONS
2267	Evolution of the Population Structure of <i>Staphylococcus pseudintermedius</i> in France. <i>Frontiers in Microbiology</i> , 2018, 9, 3055.	1.5	26
2268	Inferring the Minimal Genome of <i>Mesoplasma florum</i> by Comparative Genomics and Transposon Mutagenesis. <i>MSystems</i> , 2018, 3, .	1.7	15
2269	Structural and chemical biology of deacetylases for carbohydrates, proteins, small molecules and histones. <i>Communications Biology</i> , 2018, 1, 217.	2.0	19
2270	Recognition of the genus <i>Thaumatophyllum</i> Schott $\hat{=}$ formerly <i>Philodendron</i> subg. <i>Meconostigma</i> (Araceae) $\hat{=}$ based on molecular and morphological evidence. <i>PhytoKeys</i> , 2018, 98, 51-71.	0.4	14
2271	Evolutionary History of Copper Membrane Monooxygenases. <i>Frontiers in Microbiology</i> , 2018, 9, 2493.	1.5	50
2272	Phylogenetic and mutational analyses of human LEUTX, a homeobox gene implicated in embryogenesis. <i>Scientific Reports</i> , 2018, 8, 17421.	1.6	17
2273	CHES: a new human gene catalog curated from thousands of large-scale RNA sequencing experiments reveals extensive transcriptional noise. <i>Genome Biology</i> , 2018, 19, 208.	3.8	263
2274	Four new species of <i>Morchella</i> from the Americas. <i>Mycologia</i> , 2018, 110, 1205-1221.	0.8	17
2275	Discovery of a rare and striking new pierid butterfly from Panama (Lepidoptera: Pieridae). <i>Zootaxa</i> , 2018, 4527, 281.	0.2	4
2276	The cellular phenotype of cytoplasmic incompatibility in <i>Culex pipiens</i> in the light of <i>cidB</i> diversity. <i>PLoS Pathogens</i> , 2018, 14, e1007364.	2.1	34
2277	Comparative mitogenomic analyses of Amazona parrots and Psittaciformes. <i>Genetics and Molecular Biology</i> , 2018, 41, 593-604.	0.6	5
2278	Forward Genetics Approach Reveals a Mutation in bHLH Transcription Factor-Encoding Gene as the Best Candidate for the Root Hairless Phenotype in Barley. <i>Frontiers in Plant Science</i> , 2018, 9, 1229.	1.7	10
2279	<i>Didymocyrtis trassii</i> sp. nov. and other lichenicolous fungi on <i>Cetraria aculeata</i> . <i>Lichenologist</i> , 2018, 50, 529-540.	0.5	3
2280	Biosynthesis of the neurotoxin domoic acid in a bloom-forming diatom. <i>Science</i> , 2018, 361, 1356-1358.	6.0	124
2281	Phylogenetic relationships in southern African Bryde's whales inferred from mitochondrial DNA: further support for subspecies delineation between the two allopatric populations. <i>Conservation Genetics</i> , 2018, 19, 1349-1365.	0.8	14
2282	Molecular phylogeny and morphological diversity of inland <i>Cladophora</i> (Cladophorales). <i>Tj ETQq1 1 0.784314 rgBT /Oyerlock 10</i>	0.6	10
2283	Expression analysis of apple DORMANCY-ASSOCIATED MADS-box genes in buds during dormancy release. <i>Acta Horticulturae</i> , 2018, , 39-46.	0.1	1
2284	Engineering methionine $\hat{1}^3$ -lyase from <i>Citrobacter freundii</i> for anticancer activity. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2018, 1866, 1260-1270.	1.1	11

#	ARTICLE	IF	CITATIONS
2285	Molecular and Cytogenetic Study of East African Highland Banana. <i>Frontiers in Plant Science</i> , 2018, 9, 1371.	1.7	50
2286	A new species of <i>Tanaecium</i> (Bignoniaceae) from the Brazilian Amazon and its phylogenetic placement. <i>Plant Systematics and Evolution</i> , 2018, 304, 1245-1253.	0.3	6
2287	Comparative Genomics among Closely Related <i>Streptomyces</i> Strains Revealed Specialized Metabolite Biosynthetic Gene Cluster Diversity. <i>Antibiotics</i> , 2018, 7, 86.	1.5	53
2288	TbUTP10, a protein involved in early stages of pre-18S rRNA processing in <i>Trypanosoma brucei</i> . <i>Molecular and Biochemical Parasitology</i> , 2018, 225, 84-93.	0.5	7
2289	Spatial genetic structure of an endangered orchid <i>Cypripedium calceolus</i> (Orchidaceae) at a regional scale: limited gene flow in a fragmented landscape. <i>Conservation Genetics</i> , 2018, 19, 1449-1460.	0.8	25
2290	Environmental pH modulates transcriptomic responses in the fungus <i>Fusarium</i> sp. associated with KSHB <i>Euwallacea</i> sp. near <i>forficatus</i> . <i>BMC Genomics</i> , 2018, 19, 721.	1.2	15
2291	The U1 snRNP Subunit LUC7 Modulates Plant Development and Stress Responses via Regulation of Alternative Splicing. <i>Plant Cell</i> , 2018, 30, 2838-2854.	3.1	48
2292	Ancient DNA reveals the origins, colonization histories, and evolutionary pathways of two recently extinct species of giant scops owl from Mauritius and Rodrigues Islands (Mascarene Islands). <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50</i>		
2293	Exploring malaria vector diversity on the Amazon Frontier. <i>Malaria Journal</i> , 2018, 17, 342.	0.8	26
2294	A comprehensive and integrative re-description of <i>Synchaeta oblonga</i> and its relationship to <i>Synchaeta tremula</i> , <i>Synchaeta rufina</i> and <i>Synchaeta littoralis</i> (Rotifera: Monogononta). <i>Organisms Diversity and Evolution</i> , 2018, 18, 407-423.	0.7	5
2295	Insights into the Microbes and Nematodes Hosted by Pupae of the Arundo Leaf Miner, <i>Lasioptera donacis</i> (Diptera: Cecidomyiidae). <i>Florida Entomologist</i> , 2018, 101, 505-507.	0.2	4
2296	Stable isotope analyses reveal previously unknown trophic mode diversity in the Hymenochaetales. <i>American Journal of Botany</i> , 2018, 105, 1869-1887.	0.8	19
2297	Evaluation of phylogenetic reconstruction methods using bacterial whole genomes: a simulation based study. <i>Wellcome Open Research</i> , 2018, 3, 33.	0.9	42
2298	Phosphoregulation of the intracellular termini of K ⁺ -Cl ⁻ cotransporter 2 (KCC2) enables flexible control of its activity. <i>Journal of Biological Chemistry</i> , 2018, 293, 16984-16993.	1.6	22
2299	An investigation into the Omp85 protein BamK in hypervirulent <i>Klebsiella pneumoniae</i> , and its role in outer membrane biogenesis. <i>Molecular Microbiology</i> , 2018, 109, 584-599.	1.2	5
2300	<i>Isothecium myosuroides</i> var. <i>brachythecioides</i> (Dixon) Braithw. reinstated as a species, <i>I. interludens</i> Stirt.. <i>Journal of Bryology</i> , 2018, 40, 316-323.	0.4	6
2301	<i>Basidiophora delawarensis</i> , a new downy mildew species infecting cultivated goldenrod (<i>Solidago</i>). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	0.5	2
2302	Biodiversity and Abundance of Cultured Microfungi from the Permanently Ice-Covered Lake Fryxell, Antarctica. <i>Life</i> , 2018, 8, 37.	1.1	13

#	ARTICLE	IF	CITATIONS
2303	Bearing the wrong identity: A case study of an Indo-Pacific common shallow water sponge of the genus <i>Neopetrosia</i> (Haplosclerida; Petrosiidae). <i>Zootaxa</i> , 2018, 4500, 43.	0.2	3
2304	Sarconesin: <i>Sarconesiopsis magellanica</i> Blowfly Larval Excretions and Secretions With Antibacterial Properties. <i>Frontiers in Microbiology</i> , 2018, 9, 2249.	1.5	18
2305	Phylogeny Construction. <i>Computational Biology</i> , 2018, , 395-466.	0.1	0
2306	A novel subfamily of bacterial AAT-fold basic amino acid decarboxylases and functional characterization of its first representative: <i>Pseudomonas aeruginosa</i> LdcA. <i>Genome Biology and Evolution</i> , 2018, 10, 3058-3075.	1.1	11
2307	Potential of Herbariomics for Studying Repetitive DNA in Angiosperms. <i>Frontiers in Ecology and Evolution</i> , 2018, 6, .	1.1	7
2308	Phylogeny. <i>Computational Biology</i> , 2018, , 69-108.	0.1	0
2309	Plastid DNA variation of the endemic species <i>Oxytropis glandulosa</i> Turcz. (Fabaceae). <i>Turkish Journal of Botany</i> , 2018, 42, 38-50.	0.5	12
2310	Genome-wide identification of evolutionarily conserved Small Heat-Shock and eight other proteins bearing I \pm -crystallin domain-like in kinetoplastid protists. <i>PLoS ONE</i> , 2018, 13, e0206012.	1.1	13
2312	Agents of swimmerâ€™s itchâ€™ dangerous minority in the Digenea invasion of Lymnaeidae in water bodies and the first report of <i>Trichobilharzia regenti</i> in Poland. <i>Parasitology Research</i> , 2018, 117, 3695-3704.	0.6	13
2313	Description and molecular phylogeny of <i>Axinella nayaritensis</i> n. sp. (Porifera: Axinellida) from East Pacific and remarks about the polyphyly of the genus <i>Axinella</i> . <i>Zootaxa</i> , 2018, 4482, 111.	0.2	3
2314	Evidence for the Extensive Conservation of Mechanisms of Ovule Integument Development Since the Most Recent Common Ancestor of Living Angiosperms. <i>Frontiers in Plant Science</i> , 2018, 9, 1352.	1.7	17
2315	Oral administration of viable <i>Bifidobacterium pseudolongum</i> strain Patronus modified colonic microbiota and increased mucus layer thickness in rat. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	1.3	22
2316	Identifying neuropeptide GPCRs in the mud crab, <i>Scylla paramamosain</i> , by combinatorial bioinformatics analysis. <i>General and Comparative Endocrinology</i> , 2018, 269, 122-130.	0.8	39
2317	Temperature susceptibility of a mesophilic anaerobic membrane bioreactor treating saline phenol-containing wastewater. <i>Chemosphere</i> , 2018, 213, 92-102.	4.2	27
2318	Genomic and epigenomic immunity in common bean: the unusual features of NB-LRR gene family. <i>DNA Research</i> , 2018, 25, 161-172.	1.5	71
2319	Genome Evolution of Bartonellaceae Symbionts of Ants at the Opposite Ends of the Trophic Scale. <i>Genome Biology and Evolution</i> , 2018, 10, 1687-1704.	1.1	26
2320	<i>Coxiella</i> and <i>Bartonella</i> spp. in bats (Chiroptera) captured in the Brazilian Atlantic Forest biome. <i>BMC Veterinary Research</i> , 2018, 14, 279.	0.7	41
2321	Evolutionary history of Mo25 gene in plants, a component of RAM/MOR signaling network. <i>Mechanisms of Development</i> , 2018, 153, 64-73.	1.7	4

#	ARTICLE	IF	CITATIONS
2322	A MADSâ€­box transcription factor regulates a central step in sporulation of the oomycete <i>Phytophthora infestans</i> . <i>Molecular Microbiology</i> , 2018, 110, 562-575.	1.2	17
2323	Characterizing the DNA Methyltransferases of <i>Haloferax volcanii</i> via Bioinformatics, Gene Deletion, and SMRT Sequencing. <i>Genes</i> , 2018, 9, 129.	1.0	18
2324	De novo assembly and annotation of <i>Hyalomma dromedarii</i> tick (Acari: Ixodidae) sialotranscriptome with regard to gender differences in gene expression. <i>Parasites and Vectors</i> , 2018, 11, 314.	1.0	21
2325	<i>Trypanosoma janseni</i> n. sp. (Trypanosomatida: Trypanosomatidae) isolated from <i>Didelphis aurita</i> (Mammalia: Didelphidae) in the Atlantic Rainforest of Rio de Janeiro, Brazil: integrative taxonomy and phylogeography within the <i>Trypanosoma cruzi</i> clade. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2018, 113, 45-55.	0.8	16
2326	Can we identify the Mexican hairless dog in the archaeological record? Morphological and genetic insights from Tizayuca, Basin of Mexico. <i>Journal of Archaeological Science</i> , 2018, 98, 128-136.	1.2	4
2327	Characterization, phylogenetic distribution and evolutionary trajectories of diverse hydrocarbon degrading microorganisms isolated from refinery sludge. <i>3 Biotech</i> , 2018, 8, 273.	1.1	11
2328	Amazonian bird's nest fungi (Basidiomycota): Current knowledge and novelties on <i>Cyathus</i> species. <i>Mycoscience</i> , 2018, 59, 331-342.	0.3	13
2329	Towards a congruent reclassification and nomenclature of the thermophilic species of the genus <i>Pseudothermotoga</i> within the order Thermotogales. <i>Systematic and Applied Microbiology</i> , 2018, 41, 555-563.	1.2	24
2330	Diversity and Hidden Host Specificity of Chytrids Infecting Colonial Volvocacean Algae. <i>Journal of Eukaryotic Microbiology</i> , 2018, 65, 870-881.	0.8	40
2331	A new combination in <i>Mononeuria</i> (Caryophyllaceae). <i>Phytotaxa</i> , 2018, 350, 93.	0.1	5
2332	Phylogeny of the gymnosperm genus <i>Cycas</i> L. (Cycadaceae) as inferred from plastid and nuclear loci based on a large-scale sampling: Evolutionary relationships and taxonomical implications. <i>Molecular Phylogenetics and Evolution</i> , 2018, 127, 87-97.	1.2	32
2333	Genomes of all known members of a <i>Plasmodium</i> subgenus reveal paths to virulent human malaria. <i>Nature Microbiology</i> , 2018, 3, 687-697.	5.9	129
2334	Evolutionary instability of CUG-Leu in the genetic code of budding yeasts. <i>Nature Communications</i> , 2018, 9, 1887.	5.8	70
2335	Body doubles: an integrative taxonomic approach reveals new sibling species of land planarians. <i>Invertebrate Systematics</i> , 2018, 32, 533.	0.5	11
2336	Linking Genomic and Metabolomic Natural Variation Uncovers Nematode Pheromone Biosynthesis. <i>Cell Chemical Biology</i> , 2018, 25, 787-796.e12.	2.5	31
2337	Revision of the Genus <i>Chroomonas</i> HANSGIRG: The Benefits of DNA-containing Specimens. <i>Protist</i> , 2018, 169, 662-681.	0.6	12
2338	HIV Reverse Transcriptase and Protease Genes Variability Can Be a Biomarker Associated with HIV and Hepatitis B or C Coinfection. <i>Scientific Reports</i> , 2018, 8, 8280.	1.6	4
2339	New species of the xenophyophore genus <i>Aschemonella</i> (Rhizaria: Foraminifera) from areas of the abyssal eastern Pacific licensed for polymetallic nodule exploration. <i>Zoological Journal of the Linnean Society</i> , 2018, 182, 479-499.	1.0	14

#	ARTICLE	IF	CITATIONS
2340	Targeted Long-Read Sequencing of a Locus Under Long-Term Balancing Selection in <i>Capsella</i> . <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 1327-1333.	0.8	9
2341	First report of Euryhelmis parasites (Trematoda, Heterophyidae) in Africa: conservation implications for endemic amphibians. <i>Parasitology Research</i> , 2018, 117, 2569-2576.	0.6	4
2342	Longevity and transposon defense, the case of termite reproductives. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 5504-5509.	3.3	81
2343	Ancient DNA provides evidence of 27,000-year-old papillomavirus infection and long-term codivergence with rodents. <i>Virus Evolution</i> , 2018, 4, vey014.	2.2	12
2344	Ancient goat genomes reveal mosaic domestication in the Fertile Crescent. <i>Science</i> , 2018, 361, 85-88.	6.0	149
2345	DNA metabarcoding and microscopic analyses of sea turtles biofilms: Complementary to understand turtle behavior. <i>PLoS ONE</i> , 2018, 13, e0195770.	1.1	40
2346	Whole genome sequencing reveals widespread distribution of typhoidal toxin genes and VirB/D4 plasmids in bovine-associated nontyphoidal Salmonella. <i>Scientific Reports</i> , 2018, 8, 9864.	1.6	13
2347	Genus-wide comparison of Pseudovibrio bacterial genomes reveal diverse adaptations to different marine invertebrate hosts. <i>PLoS ONE</i> , 2018, 13, e0194368.	1.1	50
2348	Microenvironment Eradication of Hepatitis C: A Novel Treatment Paradigm. <i>American Journal of Gastroenterology</i> , 2018, 113, 1639-1648.	0.2	72
2349	Zenkevitchiidae fam. nov. (Crustacea: Gammaroidea), with description of new subterranean amphipods from extremely deep cave habitats. <i>Journal of Natural History</i> , 2018, 52, 1509-1535.	0.2	9
2350	Genome analysis of the yeast <i>Diutina catenulata</i> , a member of the Debaryomycetaceae/Metschnikowiaceae (CTG-Ser) clade. <i>PLoS ONE</i> , 2018, 13, e0198957.	1.1	13
2351	The complete mitochondrial genome of the <i>Caulerpa lentillifera</i> (Ulvophyceae, Chlorophyta): Sequence, genome content, organization structure and phylogenetic consideration. <i>Gene</i> , 2018, 673, 225-238.	1.0	14
2352	NR3E receptors in cnidarians: A new family of steroid receptor relatives extends the possible mechanisms for ligand binding. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 184, 11-19.	1.2	17
2353	Immunoglobulin and T cell receptor genes in Chinese crocodile lizard <i>Shinisaurus crocodilurus</i> . <i>Molecular Immunology</i> , 2018, 101, 160-166.	1.0	13
2354	Regulatory Properties of the ADP-Glucose Pyrophosphorylase from the Clostridial Firmicutes Member <i>Ruminococcus albus</i> . <i>Journal of Bacteriology</i> , 2018, 200, .	1.0	14
2355	A new genus and species of large-bodied caridean shrimp from the Crozet Islands, Southern Ocean (Crustacea, Decapoda, Lipkiidae) with a checklist of Antarctic and sub-Antarctic shrimps. <i>Zootaxa</i> , 2018, 4392, 201.	0.2	4
2356	Annotation, classification, genomic organization and expression of the <i>Vitis vinifera</i> CYPome. <i>PLoS ONE</i> , 2018, 13, e0199902.	1.1	11
2357	<i>Trichomonas vaginalis</i> metalloproteinase TvMP50 is a monomeric Aminopeptidase P-like enzyme. <i>Molecular Biotechnology</i> , 2018, 60, 563-575.	1.3	5

#	ARTICLE	IF	CITATIONS
2358	Quaternary ammonium compounds with multiple cationic moieties (multiQACs) provide antimicrobial activity against <i>Campylobacter jejuni</i> . <i>Food Control</i> , 2018, 94, 187-194.	2.8	9
2359	In Silico Study on Molecular Sequences for Identification of <i>Paphiopedilum</i> Species. <i>Evolutionary Bioinformatics</i> , 2018, 14, 117693431877454.	0.6	6
2360	Inverted formin 2 regulates intracellular trafficking, placentation, and pregnancy outcome. <i>ELife</i> , 2018, 7, .	2.8	11
2361	European <i>Hodophilus</i> (Clavariaceae, Agaricales) species with yellow stipe. <i>Mycological Progress</i> , 2018, 17, 1097-1111.	0.5	4
2362	Morphological, genomic and transcriptomic responses of <i>Klebsiella pneumoniae</i> to the last-line antibiotic colistin. <i>Scientific Reports</i> , 2018, 8, 9868.	1.6	20
2363	Horizontal transfers of LTR retrotransposons in seven species of <i>Rosales</i> . <i>Genome</i> , 2018, 61, 587-594.	0.9	7
2364	Chloroplast variation is incongruent with classification of the Australian bloodwood eucalypts (genus <i>Corymbia</i> , family <i>Myrtaceae</i>). <i>PLoS ONE</i> , 2018, 13, e0195034.	1.1	46
2365	Testing the impact of oceanic barriers on population subdivision, speciation and zoogeographical community assembly in <i>Xylotrupes</i> beetles across the Indo-Australian Archipelago. <i>Biological Journal of the Linnean Society</i> , 2018, 125, 152-164.	0.7	4
2366	Relapse or reinfection after failing hepatitis C direct acting antiviral treatment: Unravelling by phylogenetic analysis. <i>PLoS ONE</i> , 2018, 13, e0201268.	1.1	14
2367	Xapuri virus, a novel mammarenavirus: natural reassortment and increased diversity between New World viruses. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-10.	3.0	15
2368	New Insights in Biocontrol Strategy against <i>Cephalcia tannourinensis</i> , the Principal Insect Defoliator of Lebanese Cedars. <i>Forest Science</i> , 2018, 64, 383-391.	0.5	2
2369	Widespread <i>Treponema pallidum</i> Infection in Nonhuman Primates, Tanzania. <i>Emerging Infectious Diseases</i> , 2018, 24, 1002-1009.	2.0	32
2370	Identification of a diphtheria toxin-like gene family beyond the <i>Corynebacterium</i> genus. <i>FEBS Letters</i> , 2018, 592, 2693-2705.	1.3	15
2371	Intergeneric relationships in the <i>Gorteria</i> clade of <i>Arctotideae-Gorteriinae</i> (<i>Asteraceae</i>), with description of a new genus, <i>Roessleria</i> . <i>South African Journal of Botany</i> , 2018, 118, 216-231.	1.2	0
2372	<i>Zygosaccharomyces pseudobailii</i> , another yeast interspecies hybrid that regained fertility by damaging one of its MAT loci. <i>FEMS Yeast Research</i> , 2018, 18, .	1.1	39
2373	New genomic data and analyses challenge the traditional vision of animal epithelium evolution. <i>BMC Genomics</i> , 2018, 19, 393.	1.2	50
2374	Ovine keratome: identification, localisation and genomic organisation of keratin and keratin-associated proteins. <i>Animal Genetics</i> , 2018, 49, 361-370.	0.6	3
2375	Ecological and Phylogenetic Relationships Shape the Peripheral Olfactory Systems of Highly Specialized Gall Midges (<i>Cecidomyiidae</i>). <i>Frontiers in Physiology</i> , 2018, 9, 323.	1.3	9

#	ARTICLE	IF	CITATIONS
2376	Arabidopsis thaliana SPF1 and SPF2 are nuclear-located ULP2-like SUMO proteases that act downstream of SIZ1 in plant development. <i>Journal of Experimental Botany</i> , 2018, 69, 4633-4649.	2.4	25
2377	Akkermansia muciniphila as a Model Case for the Development of an Improved Quantitative RPA Microbiome Assay. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 237.	1.8	4
2378	Conservation of Structure and Immune Antagonist Functions of Filoviral VP35 Homologs Present in Microbat Genomes. <i>Cell Reports</i> , 2018, 24, 861-872.e6.	2.9	16
2379	Divergent evolution and clade-specific duplications of the Insulin-like Receptor in malacostracan crustaceans. <i>General and Comparative Endocrinology</i> , 2018, 268, 34-39.	0.8	9
2380	The first next-generation sequencing approach to the mitochondrial phylogeny of African monogenean parasites (Platyhelminthes: Gyrodactylidae and Dactylogyridae). <i>BMC Genomics</i> , 2018, 19, 520.	1.2	36
2381	Understanding the Virulence of Staphylococcus pseudintermedius: A Major Role of Pore-Forming Toxins. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 221.	1.8	37
2382	Tachykinin-3 Genes and Peptides Characterized in a Basal Teleost, the European Eel: Evolutionary Perspective and Pituitary Role. <i>Frontiers in Endocrinology</i> , 2018, 9, 304.	1.5	18
2383	Cultivable Bacterial Diversity in the Gut of the Chagas Disease Vector Triatoma dimidiata: Identification of Possible Bacterial Candidates for a Paratransgenesis Approach. <i>Frontiers in Ecology and Evolution</i> , 2018, 5, .	1.1	8
2384	Effects of Sample Fixation on Specimen Identification in Biodiversity Assemblies Based on Proteomic Data (MALDI-TOF). <i>Frontiers in Marine Science</i> , 2018, 5, .	1.2	16
2385	A Comprehensive Overview of the Cyclodipeptide Synthase Family Enriched with the Characterization of 32 New Enzymes. <i>Frontiers in Microbiology</i> , 2018, 9, 46.	1.5	52
2386	Bacteriome from Pinus arizonica and P. durangensis: Diversity, Comparison of Assemblages, and Overlapping Degree with the Gut Bacterial Community of a Bark Beetle That Kills Pines. <i>Frontiers in Microbiology</i> , 2018, 9, 77.	1.5	16
2387	Diversity of Rare and Abundant Prokaryotic Phylotypes in the Prony Hydrothermal Field and Comparison with Other Serpentinite-Hosted Ecosystems. <i>Frontiers in Microbiology</i> , 2018, 9, 102.	1.5	23
2388	Study of the Metatranscriptome of Eight Social and Solitary Wild Bee Species Reveals Novel Viruses and Bee Parasites. <i>Frontiers in Microbiology</i> , 2018, 9, 177.	1.5	60
2389	Evolution of Phototrophy in the Chloroflexi Phylum Driven by Horizontal Gene Transfer. <i>Frontiers in Microbiology</i> , 2018, 9, 260.	1.5	143
2390	Factors Involved in the Persistence of a Shiga Toxin-Producing Escherichia coli O157:H7 Strain in Bovine Feces and Gastro-Intestinal Content. <i>Frontiers in Microbiology</i> , 2018, 9, 375.	1.5	24
2391	Amplicon Sequencing Reveals Microbiological Signatures in Spent Nuclear Fuel Storage Basins. <i>Frontiers in Microbiology</i> , 2018, 9, 377.	1.5	13
2392	Genomic Structural Variations Affecting Virulence During Clonal Expansion of Pseudomonas syringae pv. actinidiae Biovar 3 in Europe. <i>Frontiers in Microbiology</i> , 2018, 9, 656.	1.5	18
2393	Comparative Genomics Reveals the Regulatory Complexity of Bifidobacterial Arabinose and Arabino-Oligosaccharide Utilization. <i>Frontiers in Microbiology</i> , 2018, 9, 776.	1.5	45

#	ARTICLE	IF	CITATIONS
2394	Isolation, Characterization, and Antibacterial Activity of Hard-to-Culture Actinobacteria from Cave Moonmilk Deposits. <i>Antibiotics</i> , 2018, 7, 28.	1.5	68
2395	A Possible Trifunctional Î ² -Carotene Synthase Gene Identified in the Draft Genome of <i>Aurantiochytrium</i> sp. Strain KH105. <i>Genes</i> , 2018, 9, 200.	1.0	32
2396	Linking Uncultivated Microbial Populations and Benthic Carbon Turnover by Using Quantitative Stable Isotope Probing. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	37
2397	Cytomegaloviruses in a Community of Wild Nonhuman Primates in Taï National Park, Côte D'Ivoire. <i>Viruses</i> , 2018, 10, 11.	1.5	13
2399	Population genetic structure and evolutionary history of Bale monkeys (<i>Chlorocebus djamdjamensis</i>) in the southern Ethiopian Highlands. <i>BMC Evolutionary Biology</i> , 2018, 18, 106.	3.2	18
2400	TPP riboswitch-dependent regulation of an ancient thiamin transporter in <i>Candida</i> . <i>PLoS Genetics</i> , 2018, 14, e1007429.	1.5	29
2401	Sperm head morphology is associated with sperm swimming speed: A comparative study of songbirds using electron microscopy. <i>Evolution; International Journal of Organic Evolution</i> , 2018, 72, 1918-1932.	1.1	31
2402	Molecular footprints of selective pressure in the neuraminidase gene of currently circulating human influenza subtypes and lineages. <i>Virology</i> , 2018, 522, 122-130.	1.1	7
2403	<i>Lachesiodendron</i> , a new monospecific genus segregated from <i>Piptadenia</i> (Leguminosae: Tj ETQq0 0.0 rBT /Overlock 10	0.4	13
2404	Predominant envelope variable loop 2-specific and gp120-specific antibody-dependent cellular cytotoxicity antibody responses in acutely SIV-infected African green monkeys. <i>Retrovirology</i> , 2018, 15, 24.	0.9	0
2405	A recombinant <i>Fasciola gigantica</i> 14-3-3 epsilon protein (rFg14-3-3e) modulates various functions of goat peripheral blood mononuclear cells. <i>Parasites and Vectors</i> , 2018, 11, 152.	1.0	26
2406	Population-based analysis of ocular <i>Chlamydia trachomatis</i> in trachoma-endemic West African communities identifies genomic markers of disease severity. <i>Genome Medicine</i> , 2018, 10, 15.	3.6	18
2407	Circulatory white spot syndrome virus in South-West region of Bangladesh from 2014 to 2017: molecular characterization and genetic variation. <i>AMB Express</i> , 2018, 8, 25.	1.4	12
2408	Complete mitochondrial genome of an olive baboon (<i>Papio anubis</i>) from Gombe National Park, Tanzania. <i>Mitochondrial DNA Part B: Resources</i> , 2018, 3, 177-178.	0.2	3
2409	Functional diversification of the kinesinÎ4 family in land plants. <i>FEBS Letters</i> , 2018, 592, 1918-1928.	1.3	20
2410	A new pathogen spillover from domestic to wild animals: <i>Plasmodium juxtannucleare</i> infects free-living passerines in Brazil. <i>Parasitology</i> , 2018, 145, 1949-1958.	0.7	29
2411	Identification and genome analysis of tomato chlorotic spot virus and dsRNA viruses from coinfecting vegetables in the Dominican Republic by high-throughput sequencing. <i>Virology Journal</i> , 2018, 15, 24.	1.4	7
2412	A software tool â€CroCoâ€™ detects pervasive cross-species contamination in next generation sequencing data. <i>BMC Biology</i> , 2018, 16, 28.	1.7	82

#	ARTICLE	IF	CITATIONS
2413	Within-host speciation events in yoyo clams, obligate commensals with mantis shrimps, including one that involves a change in microhabitat and a loss of specialized traits. <i>Biological Journal of the Linnean Society</i> , 2018, 124, 504-517.	0.7	5
2414	Hidden MHC genetic diversity in the Iberian ibex (<i>Capra pyrenaica</i>). <i>BMC Genetics</i> , 2018, 19, 28.	2.7	12
2415	Isolation and characterization of <i>Beauveria</i> and <i>Metarhizium</i> spp. from walnut fields and their pathogenicity against the codling moth, <i>Cydia pomonella</i> (L.) (Lepidoptera: Tortricidae). <i>Egyptian Journal of Biological Pest Control</i> , 2018, 28, .	0.8	19
2416	Bioinformatics analysis of a novel Glutaredoxin gene segment from a hot spring metagenomic DNA library. <i>Meta Gene</i> , 2018, 18, 107-111.	0.3	1
2417	Do Antarctic populations represent local or widespread phylogenetic and ecological lineages? Complicated fate of bipolar moss concepts with <i>Drepanocladus longifolius</i> as a case study. <i>Organisms Diversity and Evolution</i> , 2018, 18, 263-278.	0.7	20
2418	DNA barcoding vs. morphological identification of larval fish and embryos in Lake Huron: Advantages to a molecular approach. <i>Journal of Great Lakes Research</i> , 2018, 44, 1110-1116.	0.8	12
2419	Epidemic history of hepatitis C virus genotypes and subtypes in Portugal. <i>Scientific Reports</i> , 2018, 8, 12266.	1.6	16
2420	Phylogeography, mitochondrial DNA diversity, and demographic history of geladas (<i>Theropithecus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 1.1 27	1.1	27
2421	Convergent phenotypic evolution of the visual system via different molecular routes: How Neotropical cichlid fishes adapt to novel light environments. <i>Evolution Letters</i> , 2018, 2, 341-354.	1.6	33
2422	Diversity of endemic rhizobia on Christmas Island: Implications for agriculture following phosphate mining. <i>Systematic and Applied Microbiology</i> , 2018, 41, 641-649.	1.2	8
2423	Characterization and induction of prophages in human gut-associated <i>Bifidobacterium</i> hosts. <i>Scientific Reports</i> , 2018, 8, 12772.	1.6	26
2424	Molecular Evolution and Functional Divergence of the IgLON Family. <i>Evolutionary Bioinformatics</i> , 2018, 14, 117693431877508.	0.6	29
2425	MACSE v2: Toolkit for the Alignment of Coding Sequences Accounting for Frameshifts and Stop Codons. <i>Molecular Biology and Evolution</i> , 2018, 35, 2582-2584.	3.5	330
2426	Accidental Father-to-Son HIV-1 Transmission During the Seroconversion Period. <i>AIDS Research and Human Retroviruses</i> , 2018, 34, 857-862.	0.5	6
2427	Modern State of Populations of Endemic <i>Oxytropis</i> Species from Baikal Siberia and Their Phylogenetic Relationships Based on Chloroplast DNA Markers. <i>Russian Journal of Genetics</i> , 2018, 54, 805-815.	0.2	11
2428	Infant transmitted/founder HIV-1 viruses from peripartum transmission are neutralization resistant to paired maternal plasma. <i>PLoS Pathogens</i> , 2018, 14, e1006944.	2.1	29
2429	Genome-driven evaluation and redesign of PCR tools for improving the detection of virulence-associated genes in aeromonads. <i>PLoS ONE</i> , 2018, 13, e0201428.	1.1	6
2430	<i>Yogsothoth knorrus</i> gen. n., sp. n. and <i>Y. carteri</i> sp. n. (<i>Yogsothothidae</i> fam. n., <i>Haptista</i>), Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 0.6 21	0.6	21

#	ARTICLE	IF	CITATIONS
2431	Modeling of the GC content of the substituted bases in bacterial core genomes. BMC Genomics, 2018, 19, 589.	1.2	16
2432	A paradox: rapid evolution rates of germline-limited sequences are associated with conserved patterns of rearrangements in cryptic species of <i>Chilodonella uncinata</i> (Protista, Ciliophora). Science China Life Sciences, 2018, 61, 1071-1078.	2.3	24
2433	Evolutionary gain of red blood cells in a commensal bivalve (Galeommatoidae) as an adaptation to a hypoxic shrimp burrow. Biological Journal of the Linnean Society, 2018, 125, 368-376.	0.7	2
2434	Ancient convergent losses of <i>Paraoxonase 1</i> yield potential risks for modern marine mammals. Science, 2018, 361, 591-594.	6.0	79
2435	More amoebae from the deep-sea: Two new marine species of Vexillifera (Amoebozoa, Dactylopodida) with notes on taxonomy of the genus. European Journal of Protistology, 2018, 66, 9-25.	0.5	8
2436	Phylogenetic analysis and a review of the history of the accidental phytoplankter, <i>Phaeodactylum tricornutum</i> Bohlin (Bacillariophyta). PLoS ONE, 2018, 13, e0196744.	1.1	17
2437	Characterization of Gonadotropin-Releasing Hormone (GnRH) Genes From Cartilaginous Fish: Evolutionary Perspectives. Frontiers in Neuroscience, 2018, 12, 607.	1.4	21
2438	Identification of circular single-stranded DNA viruses in faecal samples of Canada lynx (<i>Lynx</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Juan Mountains. Infection, Genetics and Evolution, 2018, 64, 1-8.	1.0	30
2439	The Targeted Sequencing of Alpha Satellite DNA in <i>Cercopithecus pogonias</i> Provides New Insight Into the Diversity and Dynamics of Centromeric Repeats in Old World Monkeys. Genome Biology and Evolution, 2018, 10, 1837-1851.	1.1	9
2440	Asexual Female Gametogenesis Involves Contact with a Sexually-Fated Megaspore in Apomictic <i>Hieracium</i> . Plant Physiology, 2018, 177, 1027-1049.	2.3	28
2441	Identification of fungi in shotgun metagenomics datasets. PLoS ONE, 2018, 13, e0192898.	1.1	83
2442	Identification of a seed maturation protein gene from <i>Coffea arabica</i> (CaSMP) and analysis of its promoter activity in tomato. Plant Cell Reports, 2018, 37, 1257-1268.	2.8	3
2443	Omega-3 fatty acid desaturase gene family from two γ -3 sources, <i>Salvia hispanica</i> and <i>Perilla frutescens</i> : Cloning, characterization and expression. PLoS ONE, 2018, 13, e0191432.	1.1	50
2444	Proteomic endorsed transcriptomic profiles of venom glands from <i>Tityus obscurus</i> and <i>T. serrulatus</i> scorpions. PLoS ONE, 2018, 13, e0193739.	1.1	55
2445	Higher sequence diversity in the vaginal tract than in blood at early HIV-1 infection. PLoS Pathogens, 2018, 14, e1006754.	2.1	16
2446	Partnering With a Pest: Genomes of Hemlock Woolly Adelgid Symbionts Reveal Atypical Nutritional Provisioning Patterns in Dual-Obligate Bacteria. Genome Biology and Evolution, 2018, 10, 1607-1621.	1.1	15
2447	Reanalyzing the Palaeoptera problem – The origin of insect flight remains obscure. Arthropod Structure and Development, 2018, 47, 328-338.	0.8	51
2448	Increased taxon sampling provides new insights into the phylogeny and evolution of the subclass Calcaronea (Porifera, Calcarea). Organisms Diversity and Evolution, 2018, 18, 279-290.	0.7	17

#	ARTICLE	IF	CITATIONS
2449	Epiphytic <i>Jania</i> in New Zealand: <i>Jania sphaeroramosa</i> sp. nov. (Corallinales, Rhodophyta). <i>Phytotaxa</i> , 2018, 357, 30.	0.1	5
2450	Morphology and molecular phylogeny of epizoic araphid diatoms on marine zooplankton, including <i>Pseudofalcula hyalina</i> gen. & comb. nov. (Fragilariophyceae, Bacillariophyta). <i>Journal of Phycology</i> , 2018, 54, 557-570.	1.0	11
2451	<i>Iris tibetica</i> , a new combination in l. ser. Lacteae (Iridaceae) from China: evidence from morphological and chloroplast DNA analyses. <i>Phytotaxa</i> , 2018, 338, 223.	0.1	6
2452	<i>Racocetra crista</i> (Glomeromycotina) delimited by integrative evidence based on morphology, long continuous nuclear rDNA sequencing and phylogeny. <i>Mycological Progress</i> , 2018, 17, 999-1011.	0.5	6
2453	TAENIA CRASSICEPSCYSTICERCOSIS IN A NILGIRI LANGUR (SEMNOPITHECUS JOHNNII). <i>Journal of Zoo and Wildlife Medicine</i> , 2018, 49, 501-504.	0.3	3
2454	Blood fluke diseases in <i>Pagellus</i> spp. (Sparidae): Pathology and description of a new species of <i>Skoulekia</i> in the blackspot seabream <i>P. bogaraveo</i> (Brännich). <i>Aquaculture</i> , 2018, 495, 472-483.	1.7	8
2455	Complete <i>Anopheles funestus</i> mitogenomes reveal an ancient history of mitochondrial lineages and their distribution in southern and central Africa. <i>Scientific Reports</i> , 2018, 8, 9054.	1.6	18
2456	Insect Retroelements Provide Novel Insights into the Origin of Hepatitis B Viruses. <i>Molecular Biology and Evolution</i> , 2018, 35, 2254-2259.	3.5	13
2457	Variations in morphology, growth, and toxicity among strains of the <i>Prorocentrum lima</i> species complex isolated from Cuba and Brazil. <i>Journal of Applied Phycology</i> , 2019, 31, 519-532.	1.5	24
2458	Progress in glass sponge phylogenetics: a comment on Kersken et al. (2018). <i>Hydrobiologia</i> , 2019, 843, 51-59.	1.0	7
2459	Records of opecoeline species <i>Pseudopecoelus</i> cf. <i>vulgaris</i> and <i>Anomalotrema koiae</i> Gibson & Bray, 1984 (Trematoda, Opecoelidae, Opecoelinae) from fish of the North Pacific, with notes on the phylogeny of the family Opecoelidae. <i>Journal of Helminthology</i> , 2019, 93, 475-485.	0.4	15
2460	Effect of pollination strategy, phylogeny and distribution on pollination niches of Euro-Mediterranean orchids. <i>Journal of Ecology</i> , 2019, 107, 478-490.	1.9	43
2461	Reinvestigation of <i>Phryganella paradoxa</i> (Arcellinida, Amoebozoa) Penard 1902. <i>Journal of Eukaryotic Microbiology</i> , 2019, 66, 232-243.	0.8	12
2462	Phylogeny of the egg-loving green alga <i>Oophila amblystomatis</i> (Chlamydomonadales) and its response to the herbicides atrazine and 2,4-D. <i>Symbiosis</i> , 2019, 77, 23-39.	1.2	10
2463	The role of alanine and aspartate aminotransferases in <i>C₄</i> photosynthesis. <i>Plant Biology</i> , 2019, 21, 64-76.	1.8	17
2464	Redescription of a Hymenostome Ciliate, <i>Tetrahymena setosa</i> (Protozoa, Ciliophora) Notes on its Molecular Phylogeny. <i>Journal of Eukaryotic Microbiology</i> , 2019, 66, 413-423.	0.8	3
2465	High frequency of genital carriers of <i>Leptospira</i> sp. in sheep slaughtered in the semi-arid region of northeastern Brazil. <i>Tropical Animal Health and Production</i> , 2019, 51, 43-47.	0.5	31
2466	Optimization of consistency-based multiple sequence alignment using Big Data technologies. <i>Journal of Supercomputing</i> , 2019, 75, 1310-1322.	2.4	3

#	ARTICLE	IF	CITATIONS
2467	Comparative genomics suggests loss of keratin K24 in three evolutionary lineages of mammals. <i>Scientific Reports</i> , 2019, 9, 10924.	1.6	10
2468	Comparing patterns and scales of plant virus phylogeography: Rice yellow mottle virus in Madagascar and in continental Africa. <i>Virus Evolution</i> , 2019, 5, vez023.	2.2	22
2469	Evolution and diversity of the courtship repertoire in the <i>Drosophila montium</i> species group (Diptera: Drosophilidae). <i>Journal of Evolutionary Biology</i> , 2019, 32, 1124-1140.	0.8	11
2470	Inference from the analysis of genetic structure of <i>Helicobacter pylori</i> strains isolates from two paediatric patients with recurrent infection. <i>BMC Microbiology</i> , 2019, 19, 184.	1.3	12
2471	Finding Sands in the Eyes: Vulnerabilities Discovery in IoT With EUFuzzer on Human Machine Interface. <i>IEEE Access</i> , 2019, 7, 103751-103759.	2.6	19
2472	Comparative analysis of <i>Chlorosarcinopsis eremi</i> mitochondrial genome with some <i>Chlamydomonadales</i> algae. <i>Physiology and Molecular Biology of Plants</i> , 2019, 25, 1301-1310.	1.4	3
2473	A Novel Test for Absolute Fit of Evolutionary Models Provides a Means to Correctly Identify the Substitution Model and the Model Tree. <i>Genome Biology and Evolution</i> , 2019, 11, 2403-2419.	1.1	2
2474	Identifying genetic markers for a range of phylogenetic utilityâ€œFrom species to family level. <i>PLoS ONE</i> , 2019, 14, e0218995.	1.1	12
2475	Prediction of the Spatial Origin of Puumala Virus Infections Using L Segment Sequences Derived from a Generic Screening PCR. <i>Viruses</i> , 2019, 11, 694.	1.5	5
2476	Isolates from Colonic Spirochetosis in Humans Show High Genomic Divergence and Potential Pathogenic Features but Are Not Detected Using Standard Primers for the Human Microbiota. <i>Journal of Bacteriology</i> , 2019, 201, .	1.0	12
2477	Divergence of <i>Oxytropis</i> Species from the Section <i>Verticillares</i> (Fabaceae) of Steppe Flora of Baikal Siberia Based on Analysis of Chloroplast DNA. <i>Russian Journal of Genetics</i> , 2019, 55, 701-710.	0.2	7
2478	Molecular Epidemiology of Dengue in Panama: 25 Years of Circulation. <i>Viruses</i> , 2019, 11, 764.	1.5	18
2479	<i>Candida pseudoglebosa</i> and <i>Kodamaea ohmeri</i> are capable of degrading alkanes in the presence of heavy metals. <i>Journal of Basic Microbiology</i> , 2019, 59, 792-806.	1.8	3
2480	The effect of surface sterilization and the type of sterilizer on the genus composition of lichen-inhabiting fungi with notes on some frequently isolated genera. <i>Mycoscience</i> , 2019, 60, 331-342.	0.3	9
2481	They are young, and they are many: dating freshwater lineages in unicellular dinophytes. <i>Environmental Microbiology</i> , 2019, 21, 4125-4135.	1.8	17
2482	Cytomegalovirus distribution and evolution in hominines. <i>Virus Evolution</i> , 2019, 5, vez015.	2.2	26
2483	Evolutionary persistence of insect bunyavirus infection despite host acquisition and expression of the viral nucleoprotein gene. <i>Virus Evolution</i> , 2019, 5, vez017.	2.2	7
2484	Genetic homogeneity of <i>Anopheles maculatus</i> in Indonesia and origin of a novel species present in Central Java. <i>Parasites and Vectors</i> , 2019, 12, 351.	1.0	2

#	ARTICLE	IF	CITATIONS
2485	Further analyses on the phylogeny of the subclass Scuticociliatia (Protozoa, Ciliophora) based on both nuclear and mitochondrial data. <i>Molecular Phylogenetics and Evolution</i> , 2019, 139, 106565.	1.2	33
2486	First record of <i>Laminaria ochroleuca</i> Bachelot de la Pylaie in Ireland in BÃ©al an Mhuirthead, county Mayo. <i>Marine Biodiversity Records</i> , 2019, 12, .	1.2	16
2487	Diversification of the type IV filament superfamily into machines for adhesion, protein secretion, DNA uptake, and motility. <i>PLoS Biology</i> , 2019, 17, e3000390.	2.6	121
2488	Plant Defenses Against Pests Driven by a Bidirectional Promoter. <i>Frontiers in Plant Science</i> , 2019, 10, 930.	1.7	6
2489	Exploring Molecular Signs of Sex in the Marine Diatom <i>Skeletonema marinoi</i> . <i>Genes</i> , 2019, 10, 494.	1.0	18
2490	A novel <i>FAM20C</i> mutation causes a rare form of neonatal lethal Raine syndrome. <i>American Journal of Medical Genetics, Part A</i> , 2019, 179, 1866-1871.	0.7	20
2491	Morphology, growth, toxin production, and toxicity of cultured marine benthic dinoflagellates from Brazil and Cuba. <i>Journal of Applied Phycology</i> , 2019, 31, 3699-3719.	1.5	10
2492	Taxonomic assignment of uncultured prokaryotes with long range PCR targeting the spectinomycin operon. <i>Research in Microbiology</i> , 2019, 170, 280-287.	1.0	2
2493	Characterization of an evolutionarily conserved calcitonin signaling system in a lophotrochozoan, the Pacific oyster (<i>Crassostrea gigas</i>). <i>Journal of Experimental Biology</i> , 2019, 222, .	0.8	10
2494	Expression and Functional Analyses of Five B-class Genes in the Grape Hyacinth (&i>Muscaria) Tj ETQq1 1 0.784314 rgBT 3/Overloc 0,3	0.3	3
2495	Embryonic expression of priapulid Wnt genes. <i>Development Genes and Evolution</i> , 2019, 229, 125-135.	0.4	14
2496	The Current Epidemic of the Barley Pathogen <i>Ramularia collo-cygni</i> Derives from a Population Expansion and Shows Global Admixture. <i>Phytopathology</i> , 2019, 109, 2161-2168.	1.1	17
2497	Biochemical characterization of human D-2-hydroxyglutarate dehydrogenase and two disease related variants reveals the molecular cause of D-2-hydroxyglutaric aciduria. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2019, 1867, 140255.	1.1	14
2498	Complete Genome Sequences of Rice Yellow Mottle Virus Isolates from the Federal Democratic Republic of Ethiopia. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.3	2
2499	A Preliminary Phylogeny of Rhyacophilidae with Reference to Fansipangana and the Monophyly of Rhyacophila . <i>Zoosymposia</i> , 2019, 14, 189-192.	0.3	2
2500	Phylogeography of Puumala orthohantavirus in Europe. <i>Viruses</i> , 2019, 11, 679.	1.5	25
2501	Evolution of Lineage-Specific Gene Networks Underlying the Considerable Fruit Shape Diversity in Persimmon. <i>Plant and Cell Physiology</i> , 2019, 60, 2464-2477.	1.5	16
2502	Evaluation of HBV-Like Circulation in Wild and Farm Animals from Brazil and Uruguay. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2679.	1.2	8

#	ARTICLE	IF	CITATIONS
2503	Molecular Characterization of ZosmaNRT2, the Putative Sodium Dependent High-Affinity Nitrate Transporter of <i>Zostera marina</i> L.. International Journal of Molecular Sciences, 2019, 20, 3650.	1.8	5
2504	Phylogenomic Analyses Clarify True Species within the Butterfly Genus <i>Speyeria</i> despite Evidence of a Recent Adaptive Radiation. Insects, 2019, 10, 209.	1.0	3
2505	Novel STAG3 mutations in a Caucasian family with primary ovarian insufficiency. Molecular Genetics and Genomics, 2019, 294, 1527-1534.	1.0	36
2506	Multiple Reinventions of Mating-type Switching during Budding Yeast Evolution. Current Biology, 2019, 29, 2555-2562.e8.	1.8	33
2507	Strengths and potential pitfalls of hay transfer for ecological restoration revealed by RAD-seq analysis in floodplain <i>Arabis</i> species. Molecular Ecology, 2019, 28, 3887-3901.	2.0	14
2508	Symbiosis, Selection, and Novelty: Freshwater Adaptation in the Unique Sponges of Lake Baikal. Molecular Biology and Evolution, 2019, 36, 2462-2480.	3.5	22
2509	Phylogenetic relationships in the <i>Sceloporus variabilis</i> (Squamata: Phrynosomatidae) complex based on three molecular markers, continuous characters and geometric morphometric data. Zoologica Scripta, 2019, 48, 419-439.	0.7	6
2510	Molecular identification of <i>Andricus</i> species (Hymenoptera: Cynipidae) inducing various oak galls in Central Zagros of Iran. Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis, 2019, 30, 713-720.	0.7	2
2511	Identification and functional characterization of the <i>Marshallia</i> (Asteraceae) Clade III Cytokinin Response Factor (CRF). Plant Signaling and Behavior, 2019, 14, e1633886.	1.2	5
2512	Genetic basis and timing of a major mating system shift in <i>Capsella</i> . New Phytologist, 2019, 224, 505-517.	3.5	23
2513	An EDS1-SAG101 Complex Is Essential for TNL-Mediated Immunity in <i>Nicotiana benthamiana</i> . Plant Cell, 2019, 31, 2456-2474.	3.1	100
2514	Description of new chactine-bearing sponges provides insights into the higher classification of Calcaronea (Porifera: Calcarea). Zootaxa, 2019, 4615, zootaxa.4615.2.1.	0.2	6
2515	Phylogenetic analysis and embryonic expression of panarthropod Dmrt genes. Frontiers in Zoology, 2019, 16, 23.	0.9	33
2516	Probing the geological source and biological fate of hydrogen in Yellowstone hot springs. Environmental Microbiology, 2019, 21, 3816-3830.	1.8	22
2517	Generation of Superoxide by OeRbohH, a NADPH Oxidase Activity During Olive (<i>Olea europaea</i> L.) Pollen Development and Germination. Frontiers in Plant Science, 2019, 10, 1149.	1.7	28
2518	The anatomy of an unstable node: a Levantine relict precipitates phylogenomic dissolution of higher-level relationships of the armoured harvestmen (Arachnida: Opiliones: Laniatores). Invertebrate Systematics, 2019, , .	0.5	12
2519	A Promiscuous CYP706A3 Reduces Terpene Volatile Emission from Arabidopsis Flowers, Affecting Florivores and the Floral Microbiome. Plant Cell, 2019, 31, 2947-2972.	3.1	33
2520	Partial sequence analysis of mitochondrial cytochrome B gene of <i>Labeo calbasu</i> of Bangladesh. Journal of Biodiversity Conservation and Bioresource Management, 2019, 5, 25-30.	0.3	0

#	ARTICLE	IF	CITATIONS
2521	A phylogenetic approach to a global supraspecific taxonomy of <i>Cortinarius</i> (<i>Agaricales</i>) with an emphasis on the southern mycota. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2019, 42, 261-290.	1.6	39
2522	Light-regulated collective contractility in a multicellular choanoflagellate. <i>Science</i> , 2019, 366, 326-334.	6.0	101
2523	Strain diversity of <i>Treponema pallidum</i> subsp. <i>pertenue</i> suggests rare interspecies transmission in African nonhuman primates. <i>Scientific Reports</i> , 2019, 9, 14243.	1.6	14
2524	De novo transcriptomes of 14 gammarid individuals for proteogenomic analysis of seven taxonomic groups. <i>Scientific Data</i> , 2019, 6, 184.	2.4	23
2525	A microcosm approach highlights the response of soil mineral weathering bacterial communities to an increase of K and Mg availability. <i>Scientific Reports</i> , 2019, 9, 14403.	1.6	29
2526	The range of sampling times affects Zika virus evolutionary rates and divergence times. <i>Archives of Virology</i> , 2019, 164, 3027-3034.	0.9	3
2527	Dynamics of the microbial community during growth of the house dust mite <i>Dermatophagoides farinae</i> in culture. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	1.3	17
2528	The RopGEF KARAPPO Is Essential for the Initiation of Vegetative Reproduction in <i>Marchantia polymorpha</i> . <i>Current Biology</i> , 2019, 29, 3525-3531.e7.	1.8	23
2529	Genetic variation regulates the activation and specificity of Restriction-Modification systems in <i>Neisseria gonorrhoeae</i> . <i>Scientific Reports</i> , 2019, 9, 14685.	1.6	14
2530	The Vertebrate TLR Supergene Family Evolved Dynamically by Gene Gain/Loss and Positive Selection Revealing a Host-Pathogen Arms Race in Birds. <i>Diversity</i> , 2019, 11, 131.	0.7	25
2531	Structure, Function, and Evolution of the <i>Pseudomonas aeruginosa</i> Lysine Decarboxylase LdcA. <i>Structure</i> , 2019, 27, 1842-1854.e4.	1.6	9
2533	The quest for a globally comprehensible <i>Russula</i> language. <i>Fungal Diversity</i> , 2019, 99, 369-449.	4.7	53
2534	Systematics of the subfamily <i>Aclyvolvinae</i> (Caenogastropoda: <i>Ovulidae</i>) based on molecular and morphometric analyses. <i>Journal of Molluscan Studies</i> , 2019, 85, 336-347.	0.4	5
2535	A secreted metal-binding protein protects necrotrophic phytopathogens from reactive oxygen species. <i>Nature Communications</i> , 2019, 10, 4853.	5.8	16
2536	Susan Amaryllis Watson Leather (1947-2015). <i>History Workshop Journal</i> , 2019, 87, 315-317.	0.2	0
2537	Identifying the patterns and drivers of Puumala hantavirus enzootic dynamics using reservoir sampling. <i>Virus Evolution</i> , 2019, 5, vez009.	2.2	16
2538	Novel Polyomaviruses in Mammals from Multiple Orders and Reassessment of Polyomavirus Evolution and Taxonomy. <i>Viruses</i> , 2019, 11, 930.	1.5	23
2539	Uganda Genome Resource Enables Insights into Population History and Genomic Discovery in Africa. <i>Cell</i> , 2019, 179, 984-1002.e36.	13.5	152

#	ARTICLE	IF	CITATIONS
2540	What does mitogenomics tell us about the evolutionary history of the <i>Drosophila buzzatii</i> cluster (repleta group)? PLoS ONE, 2019, 14, e0220676.	1.1	12
2541	Isolation and Characterization of a Novel Pathogenic Strain of <i>Ehrlichia minasensis</i> . Microorganisms, 2019, 7, 528.	1.6	24
2542	Structure of the Human ACP-ISD11 Heterodimer. Biochemistry, 2019, 58, 4596-4609.	1.2	13
2543	The First Complete Mitochondrial Genome Sequence in the Genus <i>Aphanius</i> (Teleostei). Journal of Ichthyology, 2019, 59, 754-765.	0.2	3
2544	Benthic foraminiferal DNA metabarcodes significantly vary along a gradient from abyssal to hadal depths and between each side of the Kuril-Kamchatka trench. Progress in Oceanography, 2019, 178, 102175.	1.5	20
2545	Genomes of Subaerial Zygnematophyceae Provide Insights into Land Plant Evolution. Cell, 2019, 179, 1057-1067.e14.	13.5	320
2546	<i>Saksenaea dorisiae</i> sp. nov., a New Opportunistic Pathogenic Fungus from Europe. International Journal of Microbiology, 2019, 2019, 1-11.	0.9	10
2547	Structural characterization of the RH1-LZI tandem of JIP3/4 highlights RH1 domains as a cytoskeletal motor-binding motif. Scientific Reports, 2019, 9, 16036.	1.6	22
2548	Cross-Kingdom Analysis of Diversity, Evolutionary History, and Site Selection within the Eukaryotic Macrophage Migration Inhibitory Factor Superfamily. Genes, 2019, 10, 740.	1.0	19
2549	<i>Haemocystidium</i> spp., a species complex infecting ancient aquatic turtles of the family Podocnemididae: First report of these parasites in <i>Podocnemis vogli</i> from the Orinoquia. International Journal for Parasitology: Parasites and Wildlife, 2019, 10, 299-309.	0.6	7
2550	Grafting of poly(methacrylic acid-co-acrylamide) film on silicon surface via a simultaneous hydrolysis process. Materials Today Communications, 2019, 21, 100678.	0.9	3
2551	Combined Molecular and Morphological Taxonomy of the Beccarii/T3 Group of the Foraminiferal Genus <i>Ammonia</i> . Journal of Foraminiferal Research, 2019, 49, 367-389.	0.1	9
2552	Variation in <i>Wolbachia cidB</i> gene, but not <i>cidA</i> , is associated with cytoplasmic incompatibility phenotype diversity in <i>Culex pipiens</i> . Molecular Ecology, 2019, 28, 4725-4736.	2.0	28
2553	A Conserved Streptococcal Virulence Regulator Controls the Expression of a Distinct Class of M-Like Proteins. MBio, 2019, 10, .	1.8	8
2554	<i>Thecamoeba cosmophorea</i> n. sp. (Amoebozoa, Discosea, Thecamoebida) – An example of sibling species within the genus <i>Thecamoeba</i> . European Journal of Protistology, 2019, 67, 132-141.	0.5	7
2555	The Solution Structure and Dynamics of Cd-Metallothionein from <i>Helix pomatia</i> Reveal Optimization for Binding Cd over Zn. Biochemistry, 2019, 58, 4570-4581.	1.2	16
2556	Diat.barcode, an open-access curated barcode library for diatoms. Scientific Reports, 2019, 9, 15116.	1.6	103
2557	The flagellotropic bacteriophage YSD1 targets <i>Salmonella</i> Typhi with a Chi-like protein tail fibre. Molecular Microbiology, 2019, 112, 1831-1846.	1.2	24

#	ARTICLE	IF	CITATIONS
2558	Effects of intragenomic polymorphism in the SSU rRNA gene on estimating marine microeukaryotic diversity: A test for ciliates using single-cell high-throughput DNA sequencing. <i>Limnology and Oceanography: Methods</i> , 2019, 17, 533-543.	1.0	22
2559	Molecular profiling of tissue biopsies reveals unique signatures associated with streptococcal necrotizing soft tissue infections. <i>Nature Communications</i> , 2019, 10, 3846.	5.8	25
2560	<i>Trichophyton mentagrophytes</i> and <i>T. interdigitale</i> genotypes are associated with particular geographic areas and clinical manifestations. <i>Mycoses</i> , 2019, 62, 1084-1091.	1.8	65
2561	Positive selection in dNTPase SAMHD1 throughout mammalian evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 18647-18654.	3.3	14
2562	Estimation of AT and GC content distributions of nucleotide substitution rates in bacterial core genomes. <i>Big Data Analytics</i> , 2019, 4, .	2.2	2
2563	Direct transmission of within-host <i>Mycobacterium tuberculosis</i> diversity to secondary cases can lead to variable between-host heterogeneity without de novo mutation: A genomic investigation. <i>EBioMedicine</i> , 2019, 47, 293-300.	2.7	16
2564	<i>Acricotopus</i> indet. morphotype <i>incurvatus</i> : Description and genetics of a new Orthocladiinae (Diptera: Chironomidae) larval morphotype from the Tibetan Plateau. <i>Zootaxa</i> , 2019, 4656, zootaxa.4656.3.10.	0.2	6
2565	Evolution of female promiscuity in Passerides songbirds. <i>BMC Evolutionary Biology</i> , 2019, 19, 169.	3.2	44
2566	Identification of Subterranean Termite Genus, <i>Reticulitermes</i> (Blattodea: Rhinotermitidae) in Taiwan. <i>Journal of Economic Entomology</i> , 2019, 112, 2872-2881.	0.8	11
2567	Identification of FosA8, a Plasmid-Encoded Fosfomycin Resistance Determinant from <i>Escherichia coli</i> , and Its Origin in <i>Leclercia adecarboxylata</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	26
2568	Analytical Treatment Interruption after Short-Term Antiretroviral Therapy in a Postnatally Simian-Human Immunodeficiency Virus-Infected Infant Rhesus Macaque Model. <i>MBio</i> , 2019, 10, .	1.8	14
2569	Molecular and taxonomic analyses in troglolithic <i>Alpioniscus</i> (Illyrionethes) species from the Dinaric Karst (Isopoda: Trichoniscidae). <i>Zoological Journal of the Linnean Society</i> , 2019, 187, 539-584.	1.0	16
2570	Simplification of a species complex: Two new species of Leucothoidae (Crustacea: Amphipoda) previously attributed to <i>Leucothoe spinicarpa</i> (Abildgaard, 1789) in Florida, U.S.A.. <i>Journal of Crustacean Biology</i> , 2019, 39, 739-747.	0.3	4
2571	<i>Bacillus thuringiensis</i> CbpA is a collagen binding cell surface protein under c-di-GMP control. <i>Cell Surface</i> , 2019, 5, 100032.	1.5	6
2572	Low complexity regions in the proteins of prokaryotes perform important functional roles and are highly conserved. <i>Nucleic Acids Research</i> , 2019, 47, 9998-10009.	6.5	44
2573	Accurate Inference of Tree Topologies from Multiple Sequence Alignments Using Deep Learning. <i>Systematic Biology</i> , 2020, 69, 221-233.	2.7	53
2574	<i>Worm-riding clam: description of Montacutona sigalionidcola</i> sp. nov. (Bivalvia: Heterodonta: Galeommatidae) from Japan and its phylogenetic position. <i>Zootaxa</i> , 2019, 4652, 473-486.	0.2	0
2575	<i>Cephalomalthinus simplicicornis</i> (Wittmer, 1993) rev. stat. et comb. n.: A resurrected soldier beetle (Coleoptera, Cantharidae) from Taiwan based on morphological and molecular data. <i>Zootaxa</i> , 2019, 4619, 297-310.	0.2	0

#	ARTICLE	IF	CITATIONS
2576	<p><p>Molecular phylogeny, biogeography, and conservation status of the Texas-endemic freshwater mussel Lampsilis bracteata (Bivalvia, Unionidae)</p>. Zootaxa, 2019, 4652, 442-456.</p>	0.2	2
2577	Distinct evolution of toll-like receptor signaling pathway genes in cetaceans. Genes and Genomics, 2019, 41, 1417-1430.	0.5	6
2578	Taxonomic and phylogenetic signals in bovine cheek teeth: Towards new biosystematic markers to explore the history of wild and domestic cattle. Journal of Archaeological Science, 2019, 109, 104993.	1.2	14
2579	Genomic analysis of siderophore $\hat{1}$ -hydroxylases reveals divergent stereocontrol and expands the condensation domain family. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 19805-19814.	3.3	31
2580	Large-Scale Molecular Evolutionary Analysis Uncovers a Variety of Polynucleotide Kinase Clp1 Family Proteins in the Three Domains of Life. Genome Biology and Evolution, 2019, 11, 2713-2726.	1.1	6
2581	Molecular characterisation of Solanum melongena L. and the crop wild relatives, S. violaceum Ortega and S. torvum Sw., using phylogenetic/DNA barcoding markers. Genetic Resources and Crop Evolution, 2019, 66, 1625-1634.	0.8	2
2582	Neopuccinia (Pucciniales): a new Puccinia-like genus from the Brazilian Cerrado. Phytotaxa, 2019, 406, 169-179.	0.1	6
2583	An alternative plant-like cyanobacterial ferredoxin with unprecedented structural and functional properties. Biochimica Et Biophysica Acta - Bioenergetics, 2019, 1860, 148084.	0.5	13
2584	New Non-Bilaterian Transcriptomes Provide Novel Insights into the Evolution of Coral Skeletomes. Genome Biology and Evolution, 2019, 11, 3068-3081.	1.1	21
2585	Cadmium-dependent expression of a new metallothionein identified in Trichomonas vaginalis. BioMetals, 2019, 32, 887-899.	1.8	4
2586	Paramoeba aparasomata n. sp., a symbiont-free species, and its relative Paramoeba karteshi n. sp. (Amoebozoa, Dactylopodida). European Journal of Protistology, 2019, 71, 125630.	0.5	8
2587	Evolutionary Insight into the Trypanosomatidae Using Alignment-Free Phylogenomics of the Kinetoplast. Pathogens, 2019, 8, 157.	1.2	8
2588	<i>salto</i>CG13164</i> is required for sperm head morphogenesis in <i>Drosophila</i>. Molecular Biology of the Cell, 2019, 30, 636-645.	0.9	11
2589	Mediterranean <i>Lithophyllum stictiforme</i> (Corallinales, Rhodophyta) is a genetically diverse species complex: implications for species circumscription, biogeography and conservation of coralligenous habitats. Journal of Phycology, 2019, 55, 473-492.	1.0	65
2590	A trait-based approach to predict population genetic structure in bees. Molecular Ecology, 2019, 28, 1919-1929.	2.0	32
2591	Biogeography of Korea's top predator, the yellow-throated Marten: evolutionary history and population dynamics. BMC Evolutionary Biology, 2019, 19, 23.	3.2	2
2592	A novel crustacean hyperglycemic hormone (CHH) from the mud crab Scylla paramamosain regulating carbohydrate metabolism. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2019, 231, 49-55.	0.8	25
2593	Construction of stabilized (R)-selective amine transaminase from Aspergillus terreus by consensus mutagenesis. Journal of Biotechnology, 2019, 293, 8-16.	1.9	20

#	ARTICLE	IF	CITATIONS
2594	The bacterial MrpORP is a novel Mrp/NBP35 protein involved in iron-sulfur biogenesis. <i>Scientific Reports</i> , 2019, 9, 712.	1.6	7
2595	Origin of Gibberellin-Dependent Transcriptional Regulation by Molecular Exploitation of a Transactivation Domain in DELLA Proteins. <i>Molecular Biology and Evolution</i> , 2019, 36, 908-918.	3.5	38
2596	Variable sources of Bk virus in renal allograft recipients. <i>Journal of Medical Virology</i> , 2019, 91, 1136-1141.	2.5	6
2597	Rapid Identification of Phospholipase A2 Transcripts from Snake Venoms. <i>Toxins</i> , 2019, 11, 69.	1.5	7
2598	The Trityps Comparative Repeatome: Insights on Repetitive Element Evolution in Trypanosomatid Pathogens. <i>Genome Biology and Evolution</i> , 2019, 11, 546-551.	1.1	24
2599	First record of <i>Aphanius almiriensis</i> from Italy and notes on the distribution of <i>Aphanius fasciatus</i> (Teleostei: Aphaniidae). <i>Journal of Applied Ichthyology</i> , 2019, 35, 541-550.	0.3	5
2600	Global survey of mobile DNA horizontal transfer in arthropods reveals Lepidoptera as a prime hotspot. <i>PLoS Genetics</i> , 2019, 15, e1007965.	1.5	41
2601	Phylogeny and molecular species delimitation of long-nosed armadillos (<i>Dasybus</i> : Cingulata) supports morphology-based taxonomy. <i>Zoological Journal of the Linnean Society</i> , 2019, 186, 813-825.	1.0	27
2602	Development and application of a novel real-time polymerase chain reaction assay to detect illegal trade of the European eel (<sc><i>Anguilla anguilla</i></sc>). <i>Conservation Science and Practice</i> , 2019, 1, e39.	0.9	12
2603	Time Calibrated Morpho-molecular Classification of Nassellaria (Radiolaria). <i>Protist</i> , 2019, 170, 187-208.	0.6	21
2604	<i>Metarhizium aciculare</i> sp. nov. for euvesperins A and B producing <i>Metarhizium</i> strains. <i>Mycoscience</i> , 2019, 60, 313-318.	0.3	7
2605	<i>mcr-9</i> , an Inducible Gene Encoding an Acquired Phosphoethanolamine Transferase in <i>Escherichia coli</i> , and Its Origin. <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	131
2606	Sustainable Harvesting of the Ecosystem Engineer <i>Corallina officinalis</i> for Biomaterials. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	8
2607	Cenozoic formation and colonisation history of the New Zealand vascular flora based on molecular clock dating of the plastid<i>rbcL</i> gene. <i>New Zealand Journal of Botany</i> , 2019, 57, 204-226.	0.8	25
2608	Phylogeny of the ciliate family Psilotrichidae (Protista, Ciliophora), a curious and poorly-known taxon, with notes on two algae-bearing psilotrichids from Guam, USA. <i>BMC Evolutionary Biology</i> , 2019, 19, 125.	3.2	32
2609	Genomic identification of cryptic susceptibility to penicillins and β -lactamase inhibitors in methicillin-resistant <i>Staphylococcus aureus</i> . <i>Nature Microbiology</i> , 2019, 4, 1680-1691.	5.9	47
2610	Revealing higher than expected diversity of Harpacticoida (Crustacea:Copepoda) in the North Sea using MALDI-TOF MS and molecular barcoding. <i>Scientific Reports</i> , 2019, 9, 9182.	1.6	31
2611	Morphological, Ultrastructural, Motility and Evolutionary Characterization of Two New Hemistasiidae Species. <i>Protist</i> , 2019, 170, 259-282.	0.6	32

#	ARTICLE	IF	CITATIONS
2612	Evolution of Superinfection Immunity in Cluster A Mycobacteriophages. MBio, 2019, 10, .	1.8	52
2613	Tropical rainforest flies carrying pathogens form stable associations with social nonhuman primates. Molecular Ecology, 2019, 28, 4242-4258.	2.0	27
2614	Hemoparasites in ticks of wild birds of Serra dos Órgãos National Park, state of Rio de Janeiro, Brazil. Brazilian Journal of Veterinary Parasitology, 2019, 28, 238-244.	0.2	17
2615	Candida pseudoglebosa and Kodamaea ohmeri are capable of degrading alkanes in the presence of heavy metals. Journal of Basic Microbiology, 2019, , .	1.8	0
2616	Molecular effects of Microcystin-LA in tilapia (Oreochromis niloticus). Toxicon, 2019, 166, 76-82.	0.8	2
2617	A multigene timescale and diversification dynamics of Ciliophora evolution. Molecular Phylogenetics and Evolution, 2019, 139, 106521.	1.2	37
2618	The Birth and Death of Toxins with Distinct Functions: A Case Study in the Sea Anemone Nematostella. Molecular Biology and Evolution, 2019, 36, 2001-2012.	3.5	48
2619	NGPhylogeny.fr: new generation phylogenetic services for non-specialists. Nucleic Acids Research, 2019, 47, W260-W265.	6.5	489
2620	Morphological Distinction of Three Ammonia Phylotypes Occurring Along European Coasts. Journal of Foraminiferal Research, 2019, 49, 76-93.	0.1	45
2621	Phylogenetic study documents different speciation mechanisms within the Russula globispora lineage in boreal and arctic environments of the Northern Hemisphere. IMA Fungus, 2019, 10, 5.	1.7	16
2622	New insights into the tetrameric family of the Fur metalloregulators. BioMetals, 2019, 32, 501-519.	1.8	14
2623	Molecular detection of Theileria ovis (Apicomplexa: Theileriidae), Anaplasma ovis (Rickettsiales: Tj ETQq1 1 0.784314 rgBT /Overlock Iran. Comparative Clinical Pathology, 2019, 28, 1661-1666.	0.3	1
2624	Cross-species transmission of poultry pathogens in backyard farms: ducks as carriers of chicken viruses. Avian Pathology, 2019, 48, 503-511.	0.8	6
2625	Revised phylogeography of the common whelk Buccinum undatum (Gastropoda: Buccinidae) across the North Atlantic. Biological Journal of the Linnean Society, 2019, 127, 890-899.	0.7	5
2626	Conservation of Thermospermine Synthase Activity in Vascular and Non-vascular Plants. Frontiers in Plant Science, 2019, 10, 663.	1.7	16
2627	Isolation and characterization of a Rickettsia from the ovary of a Western black-legged tick, Ixodes pacificus. Ticks and Tick-borne Diseases, 2019, 10, 918-923.	1.1	10
2628	Bacterial Insights into the Formation of Opaline Stromatolites from the Chimalacatepec Lava Tube System, Mexico. Geomicrobiology Journal, 2019, 36, 694-704.	1.0	3
2629	Human contamination in bacterial genomes has created thousands of spurious proteins. Genome Research, 2019, 29, 954-960.	2.4	111

#	ARTICLE	IF	CITATIONS
2630	Phylogeny of Myxobolidae (Myxozoa) and the evolution of myxospore appendages in the Myxobolus clade. <i>International Journal for Parasitology</i> , 2019, 49, 523-530.	1.3	49
2631	Contraction of the ROS Scavenging Enzyme Glutathione <i>S</i> -Transferase Gene Family in Cetaceans. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 2303-2315.	0.8	13
2632	Functional Analysis of the Chemosensory Protein GmolCSP8 From the Oriental Fruit Moth, <i>Grapholita molesta</i> (Busck) (Lepidoptera: Tortricidae). <i>Frontiers in Physiology</i> , 2019, 10, 552.	1.3	14
2633	Whole-genome sequencing revealed independent emergence of vancomycin-resistant <i>Enterococcus faecium</i> causing sequential outbreaks over 3Âyears in a tertiary care hospital. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2019, 38, 1163-1170.	1.3	28
2634	<p class="Body">A new record of <i>Ornithodoros</i> (<i>Pavlovskyella</i>) <i>verrucosus</i> (Acari: Argasidae) from a porcupine burrow in western Iran. <i>Systematic and Applied Acarology</i> , 2019, 24, 771.	0.5	3
2635	Evolution and Genetic Diversity of the <i>h13</i> Gene Associated with Artemisinin Delayed Parasite Clearance in <i>Plasmodium falciparum</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2019, 63, .	1.4	15
2636	Revisiting the Evolution and Taxonomy of Clostridia, a Phylogenomic Update. <i>Genome Biology and Evolution</i> , 2019, 11, 2035-2044.	1.1	65
2637	<i>Snf2</i> controls pulcherriminic acid biosynthesis and antifungal activity of the biocontrol yeast <i>Metschnikowia pulcherrima</i> . <i>Molecular Microbiology</i> , 2019, 112, 317-332.	1.2	64
2638	Diversification of cytokinin phosphotransfer signaling genes in <i>Medicago truncatula</i> and other legume genomes. <i>BMC Genomics</i> , 2019, 20, 373.	1.2	14
2639	Antarctic <i>Streptomyces fildesensis</i> So13.3 strain as a promising source for antimicrobials discovery. <i>Scientific Reports</i> , 2019, 9, 7488.	1.6	27
2640	Trygve Throntveit. Power without Victory: Woodrow Wilson and the American Internationalist Experiment.. <i>American Historical Review</i> , 2019, 124, 692-693.	0.0	0
2641	Mobile genetic elements explain size variation in the mitochondrial genomes of four closely-related <i>Armillaria</i> species. <i>BMC Genomics</i> , 2019, 20, 351.	1.2	49
2642	<i>Mycobacterium</i> genus and tRNA arrays. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2019, 114, e180443.	0.8	1
2643	<i>De Novo</i> , Divergence, and Mixed Origin Contribute to the Emergence of Orphan Genes in <i>Pristionchus</i> Nematodes. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 2277-2286.	0.8	34
2644	Pleotids Represent Much of the Phylogenetic Diversity of Euglenids. <i>Protist</i> , 2019, 170, 233-257.	0.6	12
2645	Structure and oligomerization state of the C-terminal region of the Middle East respiratory syndrome coronavirus nucleoprotein. <i>Acta Crystallographica Section D: Structural Biology</i> , 2019, 75, 8-15.	1.1	32
2646	Comparison of MALDI-TOF MS Biotyper and 16S rDNA sequencing for the identification of <i>Pseudomonas</i> species isolated from fish. <i>Microbial Pathogenesis</i> , 2019, 132, 313-318.	1.3	26
2647	Organization and regulation of cyanobacterial <i>nif</i> gene clusters: implications for nitrogenase expression in plant cells. <i>FEMS Microbiology Letters</i> , 2019, 366, .	0.7	21

#	ARTICLE	IF	CITATIONS
2648	Genomic, phylogenetic and catabolic re-assessment of the <i>Pseudomonas putida</i> clade supports the delineation of <i>Pseudomonas alloputida</i> sp. nov., <i>Pseudomonas inefficax</i> sp. nov., <i>Pseudomonas persica</i> sp. nov., and <i>Pseudomonas shirazica</i> sp. nov. <i>Systematic and Applied Microbiology</i> , 2019, 42, 468-480.	1.2	48
2649	Nuclear and plastid DNA phylogeny of tribe Cardueae (Compositae) with Hyb-Seq data: A new subtribal classification and a temporal diversification framework. <i>Molecular Phylogenetics and Evolution</i> , 2019, 137, 313-332.	1.2	58
2650	Two lineages of kingfisher feather lice exhibit differing degrees of cospeciation with their hosts. <i>Parasitology</i> , 2019, 146, 1083-1095.	0.7	8
2651	Transcriptome Analysis Reveals Unique Relationships Among <i>Eleusine</i> Species and Heritage of <i>Eleusine coracana</i> . <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 2029-2036.	0.8	18
2652	Individual knock out of glycine receptor alpha subunits identifies a specific requirement of <i>glra1</i> for motor function in zebrafish. <i>PLoS ONE</i> , 2019, 14, e0216159.	1.1	11
2653	NEP-TC a rRNA Methyltransferase Involved on Somatic Embryogenesis of Tamarillo (<i>Solanum betaceum</i>) Tj ETQq1 1,0,784314,rgBT /Overlock 10 T	1.7	12
2654	The small members of the JMJD protein family: Enzymatic jewels or jinxes?. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2019, 1871, 406-418.	3.3	36
2655	Characterization of the Chloroplast Genome of <i>Trentepohlia odorata</i> (Trentepohliales, Chlorophyta), and Discussion of its Taxonomy. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1774.	1.8	8
2656	Shotgun proteomic analysis of quinoa seeds reveals novel lysine-rich seed storage globulins. <i>Food Chemistry</i> , 2019, 293, 299-306.	4.2	47
2657	Changing clinical and molecular characteristics of hepatitis E virus infection in Mie Prefecture, Japan: Disappearance of indigenous subtype 3e strains. <i>Hepatology Research</i> , 2019, 49, 1003-1014.	1.8	4
2658	New species and records of lichens from Bolivia. <i>Phytotaxa</i> , 2019, 397, 257.	0.1	14
2659	No borders during the post-glacial assembly of European bryophytes. <i>Ecology Letters</i> , 2019, 22, 973-986.	3.0	13
2660	Phylogeography of West Indies Coral snakes (<i>Micrurus</i>): Island colonisation and banding patterns. <i>Zoologica Scripta</i> , 2019, 48, 263-276.	0.7	8
2661	Complete genome of DENV2 isolated from mosquitoes in Mexico. <i>Infection, Genetics and Evolution</i> , 2019, 71, 98-107.	1.0	1
2662	Complete subspecies-level phylogeny of the Oriolidae (Aves: Passeriformes): Out of Australasia and return. <i>Molecular Phylogenetics and Evolution</i> , 2019, 137, 200-209.	1.2	18
2663	New insights on <i>Hygrophorus penarioides</i> and <i>H. penarius</i> (Agaricales, Hygrophoraceae) from Hungary. <i>Phytotaxa</i> , 2019, 392, 127.	0.1	3
2664	Establishment of monokaryotic and dikaryotic isolates of Hedgehog mushrooms (<i>Hydnum repandum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.5	8
2665	Evolution-guided evaluation of the inverted terminal repeats of the synthetic transposon Sleeping Beauty. <i>Scientific Reports</i> , 2019, 9, 1171.	1.6	5

#	ARTICLE	IF	CITATIONS
2666	Identification and Characterization of a Dominant Sulfolane-Degrading <i>Rhodospirillum rubrum</i> sp. via Stable Isotope Probing Combined with Metagenomics. <i>Scientific Reports</i> , 2019, 9, 3121.	1.6	19
2667	Phylogeny, phylogeography and hybridization of Caucasian barbels of the genus <i>Barbus</i> (Actinopterygii, Cyprinidae). <i>Molecular Phylogenetics and Evolution</i> , 2019, 135, 31-44.	1.2	31
2668	Molecular identification of <i>Rhipicephalus</i> species (Acari: Ixodidae) parasitizing livestock from Iran. <i>Mitochondrial DNA Part A: DNA Mapping, Sequencing, and Analysis</i> , 2019, 30, 448-456.	0.7	4
2669	Meiotic genes are constitutively expressed in an asexual amoeba and are not necessarily involved in sexual reproduction. <i>Biology Letters</i> , 2019, 15, 20180871.	1.0	18
2670	Evolution of an insect immune barrier through horizontal gene transfer mediated by a parasitic wasp. <i>PLoS Genetics</i> , 2019, 15, e1007998.	1.5	32
2671	Discovery and Characterization of Bukakata orbivirus (Reoviridae: Orbivirus), a Novel Virus from a Ugandan Bat. <i>Viruses</i> , 2019, 11, 209.	1.5	17
2672	Temperature controls phenology in continuously flowering <i>Protea</i> species of subtropical Africa. <i>Applications in Plant Sciences</i> , 2019, 7, e01232.	0.8	17
2673	Comparative analysis of the mitochondrial genomes of Orthonectida: insights into the evolution of an invertebrate parasite species. <i>Molecular Genetics and Genomics</i> , 2019, 294, 715-727.	1.0	18
2674	Advanced approach to analyzing calcareous protists for present and past pelagic ecology: Comprehensive analysis of 3D-morphology, stable isotopes, and genes of planktic foraminifers. <i>PLoS ONE</i> , 2019, 14, e0213282.	1.1	5
2675	Contrasting patterns of gene expression indicate differing pyrethroid resistance mechanisms across the range of the New World malaria vector <i>Anopheles albimanus</i> . <i>PLoS ONE</i> , 2019, 14, e0210586.	1.1	21
2676	High Genetic Diversity among Breeding Red-Backed Shrikes <i>Lanius collurio</i> in the Western Palearctic. <i>Diversity</i> , 2019, 11, 31.	0.7	9
2677	Revisiting the evolution of the somatostatin family: Already five genes in the gnathostome ancestor. <i>General and Comparative Endocrinology</i> , 2019, 279, 139-147.	0.8	12
2678	Taxonomic resolution of the genus <i>Cyanothece</i> (Chroococcales, Cyanobacteria), with a treatment on <i>Gloeothece</i> and three new genera, <i>Crocospaera</i> , <i>Rippkaea</i> , and <i>Zehria</i> . <i>Journal of Phycology</i> , 2019, 55, 578-610.	1.0	57
2679	A matter of background: DNA repair pathways as a possible cause for the sparse distribution of CRISPR-Cas systems in bacteria. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180088.	1.8	30
2680	Mal de Cuarto virus infection causes hormone imbalance and sugar accumulation in wheat leaves. <i>BMC Plant Biology</i> , 2019, 19, 112.	1.6	18
2681	Molecular evolution of Pr1 proteases depicts ongoing diversification in <i>Metarhizium</i> spp. <i>Molecular Genetics and Genomics</i> , 2019, 294, 901-917.	1.0	8
2682	Omics of the early molecular dialogue between <i>Frankia alni</i> and <i>Alnus glutinosa</i> and the cellulase synton. <i>Environmental Microbiology</i> , 2019, 21, 3328-3345.	1.8	14
2683	Genetic and pathogenic variability of <i>Rhizoctonia solani</i> causing crown and root rot on sugar beet in France. <i>Journal of Plant Pathology</i> , 2019, 101, 907-916.	0.6	11

#	ARTICLE	IF	CITATIONS
2684	Proteome analysis of biofilm produced by a <i>Fusarium falciforme</i> keratitis infectious agent. <i>Microbial Pathogenesis</i> , 2019, 130, 232-241.	1.3	10
2685	Unrecognised (species) diversity in New Guinean passerine birds. <i>Emu</i> , 2019, 119, 233-241.	0.2	10
2686	Secreted frizzled related protein is a target of PaxB and plays a role in aquiferous system development in the freshwater sponge, <i>Ephydatia muelleri</i> . <i>PLoS ONE</i> , 2019, 14, e0212005.	1.1	8
2687	Functional Genes and Bacterial Communities During Organohalide Respiration of Chloroethenes in Microcosms of Multi-Contaminated Groundwater. <i>Frontiers in Microbiology</i> , 2019, 10, 89.	1.5	21
2688	Maternal inheritance of F1 hybrid morphology and colony shape in the coral genus <i>Acropora</i> . <i>PeerJ</i> , 2019, 7, e6429.	0.9	4
2689	Morphological and molecular description of <i>Rhadinorhynchus laterospinosus</i> Amin, Heckmann & Ha, 2011 (Acanthocephala, Rhadinorhynchidae) from marine fish off the Pacific coast of Vietnam. <i>Parasite</i> , 2019, 26, 14.	0.8	22
2690	Bridging Vaccine-Induced HIV-1 Neutralizing and Effector Antibody Responses in Rabbit and Rhesus Macaque Animal Models. <i>Journal of Virology</i> , 2019, 93, .	1.5	37
2691	Improved phylogeny of brown algae <i>Cystoseira</i> (Fucales) from the Atlantic-Mediterranean region based on mitochondrial sequences. <i>PLoS ONE</i> , 2019, 14, e0210143.	1.1	27
2692	Genetic diversity and relationship between cultivated, weedy and wild rye species as revealed by chloroplast and mitochondrial DNA non-coding regions analysis. <i>PLoS ONE</i> , 2019, 14, e0213023.	1.1	21
2693	A Novel Orthohepadnavirus Identified in a Dead Maxwell's Duiker (<i>Philantomba maxwellii</i>) in Taï National Park, Côte d'Ivoire. <i>Viruses</i> , 2019, 11, 279.	1.5	5
2694	<i>Ostreopsis lenticularis</i> Y. Fukuyo (Dinophyceae, Gonyaulacales) from French Polynesia (South Pacific) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.2	29
2695	Agglutinin-Like Sequence (ALS) Genes in the <i>Candida parapsilosis</i> Species Complex: Blurring the Boundaries Between Gene Families That Encode Cell-Wall Proteins. <i>Frontiers in Microbiology</i> , 2019, 10, 781.	1.5	24
2696	Root traits and belowground herbivores relate to plant-soil feedback variation among congeners. <i>Nature Communications</i> , 2019, 10, 1564.	5.8	71
2697	<i>Pinjata ruminata</i> gen. et sp. n. "A New Member of Centrohelid Family Yogsothothidae (Haptista): Tj ETQq1 1 0.784314 rgBT /Overlock	0.8	7
2698	Genetic diversity of rhizobia associated with root nodules of white lupin (<i>Lupinus albus</i> L.) in Tunisian calcareous soils. <i>Systematic and Applied Microbiology</i> , 2019, 42, 448-456.	1.2	19
2699	Anupama: a new genus of Biannulariaceae (Agaricales) from tropical India. <i>Mycological Progress</i> , 2019, 18, 659-669.	0.5	7
2700	The phytopathogenic nature of <i>Dickeya aquatica</i> 174/2 and the dynamic early evolution of <i>Dickeya</i> pathogenicity. <i>Environmental Microbiology</i> , 2019, 21, 2809-2835.	1.8	32
2701	The mitochondrial genome of common whelk <i>Buccinum undatum</i> (Neogastropoda: Buccinidae). <i>Mitochondrial DNA Part B: Resources</i> , 2019, 4, 457-459.	0.2	1

#	ARTICLE	IF	CITATIONS
2702	The mitochondrial oxidation resistance protein AtOXR2 increases plant biomass and tolerance to oxidative stress. <i>Journal of Experimental Botany</i> , 2019, 70, 3177-3195.	2.4	14
2703	Response of a kleptoplastidic foraminifer to heterotrophic starvation: photosynthesis and lipid droplet biogenesis. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	1.3	20
2704	Comparative genomics reveals a lack of evidence for pigeons as a main source of stx2f-carrying <i>Escherichia coli</i> causing disease in humans and the common existence of hybrid Shiga toxin-producing and enteropathogenic <i>E. coli</i> pathotypes. <i>BMC Genomics</i> , 2019, 20, 271.	1.2	21
2705	<i>Bacillus cereus</i> biofilm formation on central venous catheters of hospitalised cardiac patients. <i>Biofouling</i> , 2019, 35, 204-216.	0.8	17
2706	BFSP1 C-terminal domains released by post-translational processing events can alter significantly the calcium regulation of AQP0 water permeability. <i>Experimental Eye Research</i> , 2019, 185, 107585.	1.2	16
2707	Whole-Genome Comparisons Among the Genus <i>Shewanella</i> Reveal the Enrichment of Genes Encoding Ankyrin-Repeats Containing Proteins in Sponge-Associated Bacteria. <i>Frontiers in Microbiology</i> , 2019, 10, 5.	1.5	14
2708	Quantifying population-specific growth in benthic bacterial communities under low oxygen using H218O. <i>ISME Journal</i> , 2019, 13, 1546-1559.	4.4	53
2709	Genomic surveillance links livestock production with the emergence and spread of multi-drug resistant non-typhoidal <i>Salmonella</i> in Mexico. <i>Journal of Microbiology</i> , 2019, 57, 271-280.	1.3	9
2710	The complete coding region of the maxicircle as a superior phylogenetic marker for exploring evolutionary relationships between members of the Leishmaniinae. <i>Infection, Genetics and Evolution</i> , 2019, 70, 90-100.	1.0	18
2711	Evolution of the modular, disordered stress proteins known as dehydrins. <i>PLoS ONE</i> , 2019, 14, e0211813.	1.1	28
2712	Absence of adaptive evolution is the main barrier against influenza emergence in horses in Asia despite frequent virus interspecies transmission from wild birds. <i>PLoS Pathogens</i> , 2019, 15, e1007531.	2.1	12
2713	The Complete Genome and Physiological Analysis of the Eurythermal Firmicute <i>Exiguobacterium chiriquucha</i> Strain RW2 Isolated From a Freshwater Microbialite, Widely Adaptable to Broad Thermal, pH, and Salinity Ranges. <i>Frontiers in Microbiology</i> , 2018, 9, 3189.	1.5	32
2714	Unraveling new molecular players involved in the autoregulation of nodulation in <i>Medicago truncatula</i> . <i>Journal of Experimental Botany</i> , 2019, 70, 1407-1417.	2.4	41
2715	Back to the wild: does feralization affect the mandible of non-commensal house mice (<i>Mus</i>)? <i>Tj ETQq1 1 0.784314,rgBT /Oyerlock 10</i>	0.7	13
2716	Unravelling population processes over the Late Pleistocene driving contemporary genetic divergence in Palearctic buzzards. <i>Molecular Phylogenetics and Evolution</i> , 2019, 134, 269-281.	1.2	8
2717	A new species of Tithaeidae (Arachnida: Opiliones: Laniatores) from Mindanao reveals contemporaneous colonisation of the Philippines by Sunda Shelf opiliofauna. <i>Invertebrate Systematics</i> , 2019, , .	0.5	4
2718	Genetic variation in field voles (<i>Microtus agrestis</i>) from the British Isles: selective sweeps or population bottlenecks?. <i>Biological Journal of the Linnean Society</i> , 2019, 126, 852-865.	0.7	3
2719	Long live the queen, the king and the commoner? Transcript expression differences between old and young in the termite <i>Cryptotermes secundus</i> . <i>PLoS ONE</i> , 2019, 14, e0210371.	1.1	23

#	ARTICLE	IF	CITATIONS
2720	The evolutionary history of grey wolf Y chromosomes. <i>Molecular Ecology</i> , 2019, 28, 2173-2191.	2.0	14
2721	Evaluation of the presence of <i>Paenibacillus</i> larvae in commercial bee pollen using PCR amplification of the gene for tRNACys. <i>Brazilian Journal of Microbiology</i> , 2019, 50, 471-480.	0.8	8
2722	<i>Taraxacum kok-saghyz</i> (rubber dandelion) genomic microsatellite loci reveal modest genetic diversity and cross-amplify broadly to related species. <i>Scientific Reports</i> , 2019, 9, 1915.	1.6	17
2723	Genetic diversity, population structure and rickettsias in <i>Amblyomma ovale</i> in areas of epidemiological interest for spotted fever in Brazil. <i>Medical and Veterinary Entomology</i> , 2019, 33, 256-268.	0.7	26
2724	Genome Characterization, Prevalence, and Transmission Mode of a Novel Picornavirus Associated with the Threespine Stickleback Fish (<i>Gasterosteus aculeatus</i>). <i>Journal of Virology</i> , 2019, 93, .	1.5	6
2725	Complete Genome Assembly of <i>Yersinia pseudotuberculosis</i> IP2666pIB1. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.3	2
2726	<i>Aphelenchoides medicagus</i> n. sp. (Tylenchina: Aphelenchoididae) found in <i>Medicago sativa</i> imported into China from the USA. <i>Nematology</i> , 2019, 21, 709-723.	0.2	4
2727	Morphological and molecular characterisation of <i>Chitwoodius coffeae</i> sp. n. (Dorylaimida: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	0.2	0
2728	Wnt Gene Expression During Early Embryogenesis in the Nymphalid Butterfly <i>Bicyclus anynana</i> . <i>Frontiers in Ecology and Evolution</i> , 2019, 7, .	1.1	18
2729	Apoptosis in Hydra: function of HyBcl-2 like 4 and proteins of the transmembrane BAX inhibitor motif (TMBIM) containing family. <i>International Journal of Developmental Biology</i> , 2019, 63, 259-270.	0.3	6
2730	Fungal Planet description sheets: 951-1041. <i>Personia: Molecular Phylogeny and Evolution of Fungi</i> , 2019, 43, 223-425.	1.6	126
2731	Comparison of Rapid Biodiversity Assessment of Meiobenthos Using MALDI-TOF MS and Metabarcoding. <i>Frontiers in Marine Science</i> , 2019, 6, .	1.2	18
2732	GEMMA CUP-ASSOCIATED MYB1, an Ortholog of Axillary Meristem Regulators, Is Essential in Vegetative Reproduction in <i>Marchantia polymorpha</i> . <i>Current Biology</i> , 2019, 29, 3987-3995.e5.	1.8	35
2733	Genome-Scale Metabolic Networks Shed Light on the Carotenoid Biosynthesis Pathway in the Brown Algae <i>Saccharina japonica</i> and <i>Cladosiphon okamuranus</i> . <i>Antioxidants</i> , 2019, 8, 564.	2.2	19
2734	Highly Predictive Genetic Markers Distinguish Drug-Type from Fiber-Type <i>Cannabis sativa</i> L. Plants, 2019, 8, 496.	1.6	30
2735	Intracellular Infection of Diverse Diatoms by an Evolutionary Distinct Relative of the Fungi. <i>Current Biology</i> , 2019, 29, 4093-4101.e4.	1.8	24
2736	The Mitochondrial Genome of <i>Eleusine indica</i> and Characterization of Gene Content Within Poaceae. <i>Genome Biology and Evolution</i> , 2019, 12, 3684-3697.	1.1	3
2737	Viruses in the Invasive Hornet <i>Vespa velutina</i> . <i>Viruses</i> , 2019, 11, 1041.	1.5	39

#	ARTICLE	IF	CITATIONS
2738	Novel findings to the biosynthetic pathway of magnoflorine and taspine through transcriptomic and metabolomic analysis of <i>Croton draco</i> (Euphorbiaceae). <i>BMC Plant Biology</i> , 2019, 19, 560.	1.6	7
2739	tRNA functional signatures classify plastids as late-branching cyanobacteria. <i>BMC Evolutionary Biology</i> , 2019, 19, 224.	3.2	5
2740	LMAP_S: Lightweight Multigene Alignment and Phylogeny eStimation. <i>BMC Bioinformatics</i> , 2019, 20, 739.	1.2	1
2741	The record of <i>Alveonassus canestrinii</i> and <i>Hyalomma marginatum</i> (Acari:Ixodoidea) parasitizing partridge, <i>Alectoris chukar</i> (Aves: Phasianidae) in Iran. <i>International Journal of Acarology</i> , 2019, 45, 512-515.	0.3	0
2742	Multiple Correspondence Analysis on Amino Acid Properties within the Variable Region of the Capsid Protein Shows Differences between Classical and Virulent Systemic Feline Calicivirus Strains. <i>Viruses</i> , 2019, 11, 1090.	1.5	24
2743	Superior cellulolytic activity of <i>Trichoderma guizhouense</i> on raw wheat straw. <i>World Journal of Microbiology and Biotechnology</i> , 2019, 35, 194.	1.7	14
2744	Thiotrophic bacterial symbiont induces polyphenism in giant ciliate host <i>Zoothamnium niveum</i> . <i>Scientific Reports</i> , 2019, 9, 15081.	1.6	7
2745	Genomes, expression profiles, and diversity of mitochondria of the White-footed Deermouse <i>Peromyscus leucopus</i> , reservoir of Lyme disease and other zoonoses. <i>Scientific Reports</i> , 2019, 9, 17618.	1.6	9
2746	The Peptide Venom Composition of the Fierce Stinging Ant <i>Tetraponera aethiops</i> (Formicidae: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 42).	1.5	14
2747	Detection of Potential Human Pathogenic Bacteria Isolated From Feces of Two Colonial Seabirds Nesting on Isla Rasa, Gulf of California: Heermann's Gull (<i>Larus heermanni</i>) and Elegant Tern (<i>Thalasseus elegans</i>). <i>Tropical Conservation Science</i> , 2019, 12, 194008291985567.	0.6	5
2748	Arabidopsis SCO Proteins Oppositely Influence Cytochrome c Oxidase Levels and Gene Expression during Salinity Stress. <i>Plant and Cell Physiology</i> , 2019, 60, 2769-2784.	1.5	8
2749	The MATH-BTB Protein TaMAB2 Accumulates in Ubiquitin-Containing Foci and Interacts With the Translation Initiation Machinery in Arabidopsis. <i>Frontiers in Plant Science</i> , 2019, 10, 1469.	1.7	13
2750	<i>Hygrocybe aurantiomagnifica</i> : a new species of section Firmae (Hygrophoraceae, Basidiomycota) from Brazil. <i>Kew Bulletin</i> , 2019, 74, 1.	0.4	1
2751	Stratified reconstruction of ancestral <i>Escherichia coli</i> diversification. <i>BMC Genomics</i> , 2019, 20, 936.	1.2	23
2752	CRISPR/Cas9-mediated gene deletion of the <i>ompA</i> gene in symbiotic <i>Cedecea neteri</i> impairs biofilm formation and reduces gut colonization of <i>Aedes aegypti</i> mosquitoes. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007883.	1.3	34
2753	Phagocytosis-like cell engulfment by a planctomycete bacterium. <i>Nature Communications</i> , 2019, 10, 5529.	5.8	62
2754	Evolution and phylogeography of <i>Culex pipiens</i> densovirus. <i>Virus Evolution</i> , 2019, 5, vez053.	2.2	5
2755	HIV-1 Drug Resistance and Virologic Outcomes Among Tanzanian Youth Living With HIV. <i>Pediatric Infectious Disease Journal</i> , 2019, 38, 617-619.	1.1	5

#	ARTICLE	IF	CITATIONS
2756	Multiple Origins and Specific Evolution of CRISPR/Cas9 Systems in Minimal Bacteria (Mollicutes). <i>Frontiers in Microbiology</i> , 2019, 10, 2701.	1.5	24
2757	GLS hyperactivity causes glutamate excess, infantile cataract and profound developmental delay. <i>Human Molecular Genetics</i> , 2019, 28, 96-104.	1.4	23
2758	<i>Steinernema kandii</i> n. sp. (Rhabditida: Steinernematidae), a new entomopathogenic nematode from northern Benin. <i>Nematology</i> , 2019, 21, 107-128.	0.2	8
2759	Identification and biofilm development by a new fungal keratitis aetiologic agent. <i>Mycoses</i> , 2019, 62, 62-72.	1.8	16
2760	What is the minimum length of <i>gltA</i> gene required for phylogenetic analyzes in <i>Bartonella</i> ?. <i>Research in Microbiology</i> , 2019, 170, 60-64.	1.0	2
2761	Fish diversification at the pace of geomorphological changes: evolutionary history of western Iberian Leuciscinae (Teleostei: Leuciscidae) inferred from multilocus sequence data. <i>Molecular Phylogenetics and Evolution</i> , 2019, 133, 263-285.	1.2	19
2762	Niche Differentiation among Three Closely Related <i>Competibacteraceae</i> Clades at a Full-Scale Activated Sludge Wastewater Treatment Plant and Putative Linkages to Process Performance. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	9
2763	The Cone Opsin Repertoire of Osteoglossomorph Fishes: Gene Loss in Mormyrid Electric Fish and a Long Wavelength-Sensitive Cone Opsin That Survived 3R. <i>Molecular Biology and Evolution</i> , 2019, 36, 447-457.	3.5	18
2764	The reported point centromeres of <i>Scheffersomyces stipitis</i> are retrotransposon long terminal repeats. <i>Yeast</i> , 2019, 36, 275-283.	0.8	7
2765	Regeneration of the acorn worm pygochord with the implication for its convergent evolution with the notochord. <i>Development Growth and Differentiation</i> , 2019, 61, 158-165.	0.6	4
2766	Algal photoprotection is regulated by the E3 ligase CUL4a-DDB1DET1. <i>Nature Plants</i> , 2019, 5, 34-40.	4.7	35
2767	On the Typology of Relations. <i>Evolutionary Biology</i> , 2019, 46, 71-89.	0.5	36
2768	Species boundaries in the Trichophyton mentagrophytes / T. interdigitale species complex. <i>Medical Mycology</i> , 2019, 57, 781-789.	0.3	26
2769	Morphology and phylogeny of two Phialina species (Ciliophora, Haptoria) from northern China. <i>European Journal of Protistology</i> , 2019, 67, 46-58.	0.5	4
2770	Nuclear protein phylogenies support the monophyly of the three bryophyte groups (Bryophyta) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 18	3.5	84
2771	Functional analysis of the <i>TM6</i> MADS-box gene in the octoploid strawberry by CRISPR/Cas9-directed mutagenesis. <i>Journal of Experimental Botany</i> , 2019, 70, 885-895.	2.4	93
2772	Discovery of highly divergent lineages of plant-associated astro-like viruses sheds light on the emergence of potyviruses. <i>Virus Research</i> , 2019, 260, 38-48.	1.1	24
2773	Anthropogenic range extension of <i>Leucothoe eltoni</i> Thomas, 2015 (Crustacea: Amphipoda:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 18	0.3	1

#	ARTICLE	IF	CITATIONS
2774	Differential Evolution of the Epidermal Keratin Cytoskeleton in Terrestrial and Aquatic Mammals. <i>Molecular Biology and Evolution</i> , 2019, 36, 328-340.	3.5	51
2775	Systematic survey of plant LTR-retrotransposons elucidates phylogenetic relationships of their polyprotein domains and provides a reference for element classification. <i>Mobile DNA</i> , 2019, 10, 1.	1.3	265
2776	Combinatorial Genetics Reveals a Scaling Law for the Effects of Mutations on Splicing. <i>Cell</i> , 2019, 176, 549-563.e23.	13.5	87
2777	Morphology, morphogenesis and molecular phylogeny of a freshwater ciliate, <i>Monomicrocaryon euglenivorum euglenivorum</i> (Ciliophora, Oxytrichidae). <i>European Journal of Protistology</i> , 2019, 68, 25-36.	0.5	31
2778	Biochemical properties and subcellular localization of six members of the HXK family in maize and its metabolic contribution to embryo germination. <i>BMC Plant Biology</i> , 2019, 19, 27.	1.6	24
2779	<i>Odorella benthonicagen.</i> & sp. nov. (Pleurocapsales, Cyanobacteria): an odor and prolific toxin producer isolated from a California aqueduct. <i>Journal of Phycology</i> , 2019, 55, 509-520.	1.0	12
2780	G418 induces programmed cell death in <i>Acanthamoeba</i> through the elevation of intracellular calcium and cytochrome c translocation. <i>Parasitology Research</i> , 2019, 118, 641-651.	0.6	7
2781	Heterophyid trematodes (Digenea) from penguins: A new species of <i>Ascocotyle</i> Looss, 1899, first description of metacercaria of <i>Ascocotyle (A.) patagoniensis</i> Hernández-Orts, Montero, Crespo, García, Raga and Aznar, 2012, and first molecular data. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2019, 8, 94-105.	0.6	13
2782	A New Class of Phosphoribosyltransferases Involved in Cobamide Biosynthesis Is Found in Methanogenic Archaea and Cyanobacteria. <i>Biochemistry</i> , 2019, 58, 951-964.	1.2	10
2783	Morphological and Molecular Identification of a New Ciliate, <i>Zoothamnium palmphlatum</i> nov. spec. (Ciliophora, Peritrichia) from North China. <i>Journal of Eukaryotic Microbiology</i> , 2019, 66, 670-679.	0.8	4
2784	De novo assembly and transcriptome of <i>Pfaffia glomerata</i> uncovers the role of photoautotrophy and the P450 family genes in 20-hydroxyecdysone production. <i>Protoplasma</i> , 2019, 256, 601-614.	1.0	10
2785	Large-scale genomic analysis reveals recurrent patterns of intertypic recombination in human enteroviruses. <i>Virology</i> , 2019, 526, 72-80.	1.1	36
2786	Development and evaluation of a core genome multilocus sequence typing (cgMLST) scheme for <i>Brucella</i> spp.. <i>Infection, Genetics and Evolution</i> , 2019, 67, 38-43.	1.0	23
2787	Two New Marine Species of <i>Placopus</i> (Vampyrellida, Rhizaria) That Perforate the Theca of <i>Tetraselmis</i> (Chlorodendrales, Viridiplantae). <i>Journal of Eukaryotic Microbiology</i> , 2019, 66, 560-573.	0.8	12
2788	<i>Adeylithon bosencei</i> gen. et sp. nov. (Corallinales, Rhodophyta): a new reef-building genus with anatomical affinities with the fossil <i>Aethesolithon</i> . <i>Journal of Phycology</i> , 2019, 55, 134-145.	1.0	10
2789	Development of a 12-plex of new microsatellite markers using a novel universal primer method to evaluate the genetic diversity of jaguars (<i>Panthera onca</i>) from North American zoological institutions. <i>Conservation Genetics Resources</i> , 2019, 11, 487-497.	0.4	8
2790	SMRT long reads and Direct Label and Stain optical maps allow the generation of a high-quality genome assembly for the European barn swallow (<i>Hirundo rustica rustica</i>). <i>GigaScience</i> , 2019, 8, .	3.3	23
2791	Evolution of the main skeleton-forming genes in sponges (phylum Porifera) with special focus on the marine Haplosclerida (class Demospongiae). <i>Molecular Phylogenetics and Evolution</i> , 2019, 131, 245-253.	1.2	13

#	ARTICLE	IF	CITATIONS
2792	Nephrocystidium pickii Weissenberg, 1921 belongs to Myxozoa (Cnidaria) but is not conspecific with Myxidium lieberkuehni BÃ¼ttschli, 1882 (Myxozoa: Bivalvulida: Variisporina: Myxidiidae): molecular-genetic evidence. Systematic Parasitology, 2019, 96, 15-22.	0.5	1
2793	Differentiation between persistent infection/colonization and re-infection/re-colonization of Mycobacterium abscessus isolated from patients in Northeast Thailand. Infection, Genetics and Evolution, 2019, 68, 35-42.	1.0	8
2794	IGFBP-rP1, a strongly conserved member of the androgenic hormone signalling pathway in Isopoda. General and Comparative Endocrinology, 2019, 272, 9-19.	0.8	4
2795	Introducing ribosomal tandem repeat barcoding for fungi. Molecular Ecology Resources, 2019, 19, 118-127.	2.2	78
2796	<scp>DNA</scp> Barcoding as useful tool to identify crop pest flea beetles of Turkey. Journal of Applied Entomology, 2019, 143, 105-117.	0.8	9
2797	Genome-wide analysis of the barley non-specific lipid transfer protein gene family. Crop Journal, 2019, 7, 65-76.	2.3	25
2798	Kleptoplastidic benthic foraminifera from aphotic habitats: insights into assimilation of inorganic C, N and S studied with subâ€œcellular resolution. Environmental Microbiology, 2019, 21, 125-141.	1.8	41
2799	Isolation of Yeasts from Guajillo Pepper (Capsicum annum L.) Fermentation and Study of Some Probiotic Characteristics. Probiotics and Antimicrobial Proteins, 2019, 11, 748-764.	1.9	27
2800	The Hybrid Origin of the Indochinese Gray Langur Trachypithecus crepusculus. International Journal of Primatology, 2019, 40, 9-27.	0.9	12
2801	The genetic diversity, morphology, biogeography, and taxonomic designations of Ammonia (Foraminifera) in the Northeast Atlantic. Marine Micropaleontology, 2020, 155, 101726.	0.5	34
2802	Alphacoronavirus Detection in Lungs, Liver, and Intestines of Bats from Brazil. Microbial Ecology, 2020, 79, 203-212.	1.4	16
2803	Molecular diversity of the 5S nuclear ribosomal DNA in <i>Campeiestachys</i> with StHY haplome constitution. Journal of Systematics and Evolution, 2020, 58, 69-76.	1.6	4
2804	Nontuberculous Mycobacteria Show Differential Infectivity and Use Phospholipids to Antagonize LL-37. American Journal of Respiratory Cell and Molecular Biology, 2020, 62, 354-363.	1.4	10
2805	Horizontal Gene Transfer. Methods in Molecular Biology, 2020, , .	0.4	8
2806	Abnormal aortic flow conduction is associated with increased viscous energy loss in patients with repaired tetralogy of Fallot. European Journal of Cardio-thoracic Surgery, 2020, 57, 588-595.	0.6	18
2807	Five new morphological types of virgulate and microcotylous xiphidiocercariae based on morphological and molecular phylogenetic analyses. Journal of Helminthology, 2020, 94, e94.	0.4	8
2808	Functional analysis of natural <scp>PCSK</scp>9 mutants in modern and archaic humans. FEBS Journal, 2020, 287, 515-528.	2.2	8
2809	Selection of <i>Vibrio crassostreae</i> relies on a plasmid expressing a type 6 secretion system cytotoxic for host immune cells. Environmental Microbiology, 2020, 22, 4198-4211.	1.8	26

#	ARTICLE	IF	CITATIONS
2810	Helmet-shaped Body of Entodiniomorphid Ciliates (Ciliophora, Entodiniomorpha), a Synapomorphy or a Homoplasy?. <i>Journal of Eukaryotic Microbiology</i> , 2020, 67, 140-143.	0.8	7
2811	An outbreak due to a norovirus GII.Pe-GII.4 Sydney_2012 recombinant in neonatal and pediatric intensive care units. <i>Journal of Infection and Public Health</i> , 2020, 13, 89-93.	1.9	5
2812	Occurrence of <i>Tetratrichomonas gallinarum</i> (Trichomonadida: Trichomonadidae) in chicken feces from Lorestan Province, Western Iran. <i>Journal of Parasitic Diseases</i> , 2020, 44, 10-16.	0.4	4
2813	Dur3 and nrt2 genes in the bloom-forming dinoflagellate <i>Prorocentrum minimum</i> : Transcriptional responses to available nitrogen sources. <i>Chemosphere</i> , 2020, 241, 125083.	4.2	9
2814	<i>Pseudoparamoeba garorimi</i> n. sp., with Notes on Species Distinctions within the Genus. <i>Journal of Eukaryotic Microbiology</i> , 2020, 67, 132-139.	0.8	3
2815	Glycoside-specific glycosyltransferases catalyze regioselective sequential glucosylations for a sesame lignan, sesaminol triglycoside. <i>Plant Journal</i> , 2020, 101, 1221-1233.	2.8	30
2816	Changes in the GN/GC of the M segment show positive selection and recombination of one aggressive isolate and two mild isolates of tomato spotted wilt virus. <i>Virus Genes</i> , 2020, 56, 217-227.	0.7	1
2817	Evolution and molecular epidemiology of polyomaviruses. <i>Infection, Genetics and Evolution</i> , 2020, 79, 104150.	1.0	19
2818	An optimized genomic VCF workflow for precise identification of <i>Mycobacterium tuberculosis</i> cluster from cross-platform whole genome sequencing data. <i>Infection, Genetics and Evolution</i> , 2020, 79, 104152.	1.0	6
2819	Gonadotropin-inhibitory hormone in teleosts: New insights from a basal representative, the eel. <i>General and Comparative Endocrinology</i> , 2020, 287, 113350.	0.8	12
2820	A comprehensive, genus-level time-calibrated phylogeny of the tree flora of Mediterranean Europe and an assessment of its vulnerability. <i>Botany Letters</i> , 2020, 167, 276-289.	0.7	6
2821	Breast milk-derived human milk oligosaccharides promote <i>Bifidobacterium</i> interactions within a single ecosystem. <i>ISME Journal</i> , 2020, 14, 635-648.	4.4	220
2822	Characterization and phylogenetic diversity of <i>Allorhizobium vitis</i> isolated from grapevine in Morocco. <i>Journal of Applied Microbiology</i> , 2020, 128, 828-839.	1.4	4
2823	Conflicting phylogenetic signals in genomic data of the coffee family (Rubiaceae). <i>Journal of Systematics and Evolution</i> , 2020, 58, 440-460.	1.6	36
2824	Insights into the ecology of epibenthic calcareous foraminifera from a colonization study at 4000 m (Station M) in the NE Pacific Ocean. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2020, 173, 104709.	0.6	7
2825	Molecular Phylogeny of <i>Polychaos annulatum</i> (Amoebozoa, Tubulinea, Euamoebida) Shows that Genus <i>Polychaos</i> Belongs to the Family Hartmannellidae. <i>Journal of Eukaryotic Microbiology</i> , 2020, 67, 321-326.	0.8	2
2826	Isolation and characterization of psychrophilic and psychrotolerant plant-growth promoting microorganisms from a high-altitude volcano crater in Mexico. <i>Microbiological Research</i> , 2020, 232, 126394.	2.5	49
2828	Degradation of Recalcitrant Polyurethane and Xenobiotic Additives by a Selected Landfill Microbial Community and Its Biodegradative Potential Revealed by Proximity Ligation-Based Metagenomic Analysis. <i>Frontiers in Microbiology</i> , 2019, 10, 2986.	1.5	84

#	ARTICLE	IF	CITATIONS
2829	<i>Fusarium xyrophilum</i> , sp. nov., a member of the <i>Fusarium fujikuroi</i> species complex recovered from pseudoflowers on yellow-eyed grass (<i>Xyris</i> spp.) from Guyana. <i>Mycologia</i> , 2020, 112, 39-51.	0.8	14
2830	Convergent Evolution of Cysteine-Rich Keratins in Hard Skin Appendages of Terrestrial Vertebrates. <i>Molecular Biology and Evolution</i> , 2020, 37, 982-993.	3.5	33
2831	Transfer of the Thecate Amoeba <i>Lecythium mutabilis</i> to a Novel Genus <i>Omnivora</i> (Fiscullidae). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 662</i>	0.8	1
2832	Genetic mapping of a locus controlling the intergeneric hybridization barrier between apple and pear. <i>Tree Genetics and Genomes</i> , 2020, 16, 1.	0.6	7
2833	Out of Africa: The origins of the protozoan blood parasites of the <i>Trypanosoma cruzi</i> clade found in bats from Africa. <i>Molecular Phylogenetics and Evolution</i> , 2020, 145, 106705.	1.2	23
2834	Molecular detection of <i>Coxiella</i> (Gammaproteobacteria: Coxiellaceae) in <i>Argas persicus</i> and <i>Alveonatus canestrinii</i> (Acari: Argasidae) from Iran. <i>Microbial Pathogenesis</i> , 2020, 139, 103902.	1.3	3
2835	Biodiversity of epiphytic <i>Pseudomonas</i> strains isolated from leaves of pepper and lettuce. <i>Biologia (Poland)</i> , 2020, 75, 773-784.	0.8	6
2836	Novel copper-containing membrane monooxygenases (CuMMOs) encoded by alkane-utilizing <i>Betaproteobacteria</i> . <i>ISME Journal</i> , 2020, 14, 714-726.	4.4	16
2837	Epigenomic characterization of <i>Clostridioides difficile</i> finds a conserved DNA methyltransferase that mediates sporulation and pathogenesis. <i>Nature Microbiology</i> , 2020, 5, 166-180.	5.9	75
2838	Multiple Euryhaline Lineages of Centrohelids (Haptista: Centroplasthelida) in Inland Saline Waters Revealed with Metabarcoding. <i>Journal of Eukaryotic Microbiology</i> , 2020, 67, 223-231.	0.8	10
2839	Evolutionary History of the Toll-Like Receptor Gene Family across Vertebrates. <i>Genome Biology and Evolution</i> , 2020, 12, 3615-3634.	1.1	74
2840	The TRH-ortholog EFLamide in the migratory locust. <i>Insect Biochemistry and Molecular Biology</i> , 2020, 116, 103281.	1.2	10
2841	SSU rDNA Phylogeny Indicates the Scale-lacking Trivalvulariida ord. nov. as a Sister Group to the Euglyphida (Cercozoa, Rhizaria). <i>Protist</i> , 2020, 171, 125701.	0.6	4
2842	Use of whole-genome sequencing in the molecular investigation of care-associated HCoV-OC43 infections in a hematopoietic stem cell transplant unit. <i>Journal of Clinical Virology</i> , 2020, 122, 104206.	1.6	5
2843	The first molecular detection of a Theileria-like species (Apicomplexa: Piroplasmida) in <i>Meriones persicus</i> from western Iran. <i>Journal of Parasitic Diseases</i> , 2020, 44, 180-185.	0.4	1
2844	<i>Cepaea</i> spp. as a source of <i>Brachylaima mesostoma</i> (Digenea: Brachylaimidae) and <i>Brachylecithum</i> sp. (Digenea: Dicrocoeliidae) larvae in Poland. <i>Parasitology Research</i> , 2020, 119, 145-152.	0.6	7
2845	<i>Stygamoeba cauta</i> n. sp. (Amoebozoa, Discosea) – a new brackish-water species from NivÅ¥ Bay (Baltic) Tj ETQq0 0 0 rgBT /Overlock 0.5 1	0.5	1
2846	Evolution-guided engineering of non-heme iron enzymes involved in nogalamycin biosynthesis. <i>FEBS Journal</i> , 2020, 287, 2998-3011.	2.2	2

#	ARTICLE	IF	CITATIONS
2847	Integrative approach reveals four new cryptic species in the genus <i>Gayliella</i> (Ceramiaceae). <i>Trends in Microbiology</i> , 2020, 28, 107-110.	1.0	5
2848	Revision of leccinoid fungi, with emphasis on North American taxa, based on molecular and morphological data. <i>Mycologia</i> , 2020, 112, 197-211.	0.8	26
2849	Large-scale survey reveals pervasiveness and potential function of endogenous geminiviral sequences in plants. <i>Virus Evolution</i> , 2020, 6, veaa071.	2.2	15
2850	Comparing mitogenomic timetrees for two African savannah primate genera (<i>Chlorocebus</i> and <i>Papio</i>). <i>Zoological Journal of the Linnean Society</i> , 2020, 190, 1071-1073.	1.0	1
2851	Slr4, a newly identified S-layer protein from marine Gammaproteobacteria, is a major biofilm matrix component. <i>Molecular Microbiology</i> , 2020, 114, 979-990.	1.2	4
2852	Phylogeographical Analysis Reveals the Historic Origin, Emergence, and Evolutionary Dynamics of Methicillin-Resistant <i>Staphylococcus aureus</i> ST228. <i>Frontiers in Microbiology</i> , 2020, 11, 2063.	1.5	6
2853	Growth response of <i>Dinophysis</i> , <i>Mesodinium</i> , and <i>Teleaulax</i> cultures to temperature, irradiance, and salinity. <i>Harmful Algae</i> , 2020, 98, 101896.	2.2	17
2854	Common origin of ornithine-urea cycle in opisthokonts and stramenopiles. <i>Scientific Reports</i> , 2020, 10, 16687.	1.6	9
2855	Diverging Genetic Structure of Coexisting Populations of the Black Storm-Petrel and the Least Storm-Petrel in the Gulf of California. <i>Tropical Conservation Science</i> , 2020, 13, 194008292094917.	0.6	3
2856	How much does the host matter to the parasitoid? Distribution of <i>Eurytoma</i> (Hymenoptera, Tenthredinidae) (Hymenoptera, Cynipidae). <i>Canadian Entomologist</i> , 2020, 152, 815-822.	0.4	3
2857	Combination of genetic tools to discern <i>Bacillus</i> species isolated from hot springs in South Africa. <i>African Journal of Microbiology Research</i> , 2020, 14, 447-464.	0.4	1
2858	<i>Didelphis albiventris</i> as a carrier of <i>Leptospira</i> sp. in the central nervous tissue in the semiarid region of Northeast, Brazil. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2020, 73, 101560.	0.7	2
2859	Multidrug resistance of <i>Penicillium expansum</i> to fungicides: whole transcriptome analysis of MDR strains reveals overexpression of efflux transporter genes. <i>International Journal of Food Microbiology</i> , 2020, 335, 108896.	2.1	29
2860	Complete mitochondrial genome of a blue-tailed skink <i>Plestiodon capito</i> (Reptilia, Squamata). <i>Trends in Microbiology</i> , 2020, 28, 107-110.	0.5	5
2861	Pseudoflowers produced by <i>Fusarium xyrophilum</i> on yellow-eyed grass (<i>Xyris</i> spp.) in Guyana: A novel floral mimicry system?. <i>Fungal Genetics and Biology</i> , 2020, 144, 103466.	0.9	10
2862	Rapid identification of the invasive fall armyworm <i>Spodoptera frugiperda</i> (Lepidoptera, Noctuidae) using species-specific primers in multiplex PCR. <i>Scientific Reports</i> , 2020, 10, 16508.	1.6	15
2863	Historical isolation facilitates species radiation by sexual selection: Insights from <i>Chorthippus</i> grasshoppers. <i>Molecular Ecology</i> , 2020, 29, 4985-5002.	2.0	18
2864	Evolution of a Record-Setting AT-Rich Genome: Indel Mutation, Recombination, and Substitution Bias. <i>Genome Biology and Evolution</i> , 2020, 12, 2344-2354.	1.1	16

#	ARTICLE	IF	CITATIONS
2865	Genomic Analysis of the Only Blind Cichlid Reveals Extensive Inactivation in Eye and Pigment Formation Genes. <i>Genome Biology and Evolution</i> , 2020, 12, 1392-1406.	1.1	14
2866	Mutation Patterns of Human SARS-CoV-2 and Bat RaTG13 Coronavirus Genomes Are Strongly Biased Towards C>U Transitions, Indicating Rapid Evolution in Their Hosts. <i>Genes</i> , 2020, 11, 761.	1.0	85
2867	Parablepharisma (Ciliophora) is not a Heterotrich: A Phylogenetic and Morphological Study with the Proposal of New Taxa. <i>Protist</i> , 2020, 171, 125716.	0.6	13
2868	Cyclodepsipeptide Biosynthesis in Hypocreales Fungi and Sequence Divergence of The Non-Ribosomal Peptide Synthase Genes. <i>Pathogens</i> , 2020, 9, 552.	1.2	10
2869	Increasing Prevalence of Multidrug-Resistant <i>Candida haemulonii</i> Species Complex among All Yeast Cultures Collected by a Reference Laboratory over the Past 11 Years. <i>Journal of Fungi (Basel)</i> , Tj ETQq0 0 0 rgBT /Overlock 1017f 50 577	1.6	7
2870	Phylogeny and taxonomic revision of <i>Kernia</i> and <i>Acaulium</i> . <i>Scientific Reports</i> , 2020, 10, 10302.	1.6	7
2871	Identification and characterization of the proteolytic flagellin from the common freshwater bacterium <i>Hylemonella gracilis</i> . <i>Scientific Reports</i> , 2020, 10, 19052.	1.6	5
2872	Genetic monogamy and mate choice in a pair-living primate. <i>Scientific Reports</i> , 2020, 10, 20328.	1.6	12
2873	Extensive gene rearrangements in the mitogenomes of congeneric annelid species and insights on the evolutionary history of the genus <i>Ophryotrocha</i> . <i>BMC Genomics</i> , 2020, 21, 815.	1.2	12
2874	Global phylogeography suggests extensive eucosmopolitanism in Mesopelagic Fishes (<i>Maurollicus</i>): Tj ETQq1 1 0.784314 rgBT /Overlock 1017f 50 577	1.6	10
2875	<i>Triatoma rosai</i> sp. nov. (Hemiptera, Triatominae): A New Species of Argentinian Chagas Disease Vector Described Based on Integrative Taxonomy. <i>Insects</i> , 2020, 11, 830.	1.0	34
2876	Integrative Approach Helps Clarify Confusing Taxonomy of the <i>Pseudopediastrum boryanum</i> Species Complex (Chlorophyceae), Including Recognition of five Distinct Species. <i>Journal of Phycology</i> , 2020, 56, 1557-1574.	1.0	3
2877	The native acyltransferase-coding genes DGA1 and DGA2 affect lipid accumulation in <i>Blastobotrys raffinosifermentans</i> differently when overexpressed. <i>FEMS Yeast Research</i> , 2020, 20, .	1.1	3
2878	Mouse <i>Ifit1b</i> is a cap1-RNA binding protein that inhibits mouse coronavirus translation and is regulated by complexing with <i>Ifit1c</i> . <i>Journal of Biological Chemistry</i> , 2020, 295, 17781-17801.	1.6	4
2879	Genetic and Antigenic Evolution of European Swine Influenza A Viruses of HA-1C (Avian-Like) and HA-1B (Human-Like) Lineages in France from 2000 to 2018. <i>Viruses</i> , 2020, 12, 1304.	1.5	7
2880	Ontogeny and Phylogeny of a New Hypotrichous Ciliate (Protista, Ciliophora), <i>Metaurostylopsis alrasheidi</i> n. sp., With Establishment of a New Genus <i>Monourostylopsis</i> n. gen.. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	5
2881	Studies in <i>Gyromitra</i> I: the <i>Gyromitra gigas</i> species complex. <i>Mycological Progress</i> , 2020, 19, 1459-1473.	0.5	7
2882	Molecular signatures of the rediae, cercariae and adult stages in the complex life cycles of parasitic flatworms (Digenea: Psilostomatidae). <i>Parasites and Vectors</i> , 2020, 13, 559.	1.0	4

#	ARTICLE	IF	CITATIONS
2883	Comparative Proteomics of Octocoral and Scleractinian Sceletomes and the Evolution of Coral Calcification. <i>Genome Biology and Evolution</i> , 2020, 12, 1623-1635.	1.1	14
2884	COVID-19: Time to exonerate the pangolin from the transmission of SARS-CoV-2 to humans. <i>Infection, Genetics and Evolution</i> , 2020, 84, 104493.	1.0	78
2885	Developing Methods to Circumvent the Conundrum of Chromosomal Rearrangements Occurring in Multiplex Gene Edition. <i>ACS Synthetic Biology</i> , 2020, 9, 2562-2575.	1.9	4
2886	Comparative Metagenomic Screening of Aromatic Hydrocarbon Degradation and Secondary Metabolite-Producing Genes in the Red Sea, the Suez Canal, and the Mediterranean Sea. <i>OMICS A Journal of Integrative Biology</i> , 2020, 24, 541-550.	1.0	4
2887	Activity of cefepime/zidebactam against MDR <i>Escherichia coli</i> isolates harbouring a novel mechanism of resistance based on four-amino-acid inserts in PBP3. <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 3563-3567.	1.3	17
2888	Prominent members of the human gut microbiota express endo-acting O-glycanases to initiate mucin breakdown. <i>Nature Communications</i> , 2020, 11, 4017.	5.8	81
2889	Bonds of bros and brothers: Kinship and social bonding in postdispersal male macaques. <i>Molecular Ecology</i> , 2020, 29, 3346-3360.	2.0	23
2890	VPS72/YL1-Mediated H2A.Z Deposition Is Required for Nuclear Reassembly after Mitosis. <i>Cells</i> , 2020, 9, 1702.	1.8	15
2891	A Hopeful Sea-Monster: A Very Large Homologous Recombination Event Impacting the Core Genome of the Marine Pathogen <i>Vibrio anguillarum</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 1430.	1.5	7
2892	What Drives the Diversity of the Most Abundant Terrestrial Cercozoan Family (Rhogostomidae,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 1.6 22		
2893	The role of CAPG in molecular communication between the embryo and the uterine endometrium: Is its function conserved in species with different implantation strategies?. <i>FASEB Journal</i> , 2020, 34, 11015-11029.	0.2	15
2894	A Distinct Contractile Injection System Gene Cluster Found in a Majority of Healthy Adult Human Microbiomes. <i>MSystems</i> , 2020, 5, .	1.7	8
2895	Phylogenetic analysis of marginal Asiatic black bears reveals a recent Iranianâ€“Himalayan divergence and has implications for taxonomy and conservation. <i>Mammalian Biology</i> , 2020, 100, 419-427.	0.8	1
2896	Evolution and function of bacterial <i>RCC1</i> repeat effectors. <i>Cellular Microbiology</i> , 2020, 22, e13246.	1.1	18
2897	The sunflower TLDC-containing protein HaOXR2 confers tolerance to oxidative stress and waterlogging when expressed in maize plants. <i>Plant Science</i> , 2020, 300, 110626.	1.7	8
2898	Genomic epidemiology of <i>Mycobacterium tuberculosis</i> in Santa Catarina, Southern Brazil. <i>Scientific Reports</i> , 2020, 10, 12891.	1.6	6
2899	<i>Thecamoeba foliovenanda</i> n. sp. (Amoebozoa, Discosea, Thecamoebida) â€“ One more case of sibling species among amoebae of the genus <i>Thecamoeba</i> . <i>European Journal of Protistology</i> , 2020, 76, 125716.	0.5	6
2900	Biochemical characterization of recombinant UDP-sugar pyrophosphorylase and galactinol synthase from <i>Brachypodium distachyon</i> . <i>Plant Physiology and Biochemistry</i> , 2020, 155, 780-788.	2.8	3

#	ARTICLE	IF	CITATIONS
2901	The Molecular Diversity of Phagotrophic Euglenids Examined Using Single-cell Methods. <i>Protist</i> , 2020, 171, 125757.	0.6	8
2902	JAGN1, tetraspanins, and Erv proteins: is common topology indicative of common function in cargo sorting?. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 319, C667-C674.	2.1	2
2903	Phylogenetic analysis of two new complete genomes of the hepatitis E virus (HEV) genotype 3 from Thailand. <i>Molecular Biology Reports</i> , 2020, 47, 8657-8668.	1.0	2
2904	A novel <i>Thermotoga</i> strain TFO isolated from a Californian petroleum reservoir phylogenetically related to <i>Thermotoga petrophila</i> and <i>T. naphthophila</i> , two thermophilic anaerobic isolates from a Japanese reservoir: Taxonomic and genomic considerations. <i>Systematic and Applied Microbiology</i> , 2020, 43, 126132.	1.2	6
2905	Molecular Epidemiology of <i>Acinetobacter calcoaceticus</i> - <i>Acinetobacter baumannii</i> Complex Isolated From Children at the Hospital Infantil de México Federico Gómez. <i>Frontiers in Microbiology</i> , 2020, 11, 576673.	1.5	16
2906	The Dual Function of OsSWEET3a as a Gibberellin and Glucose Transporter Is Important for Young Shoot Development in Rice. <i>Plant and Cell Physiology</i> , 2020, 61, 1935-1945.	1.5	42
2907	Diversity and evolution of the P450 family in arthropods. <i>Insect Biochemistry and Molecular Biology</i> , 2020, 127, 103490.	1.2	109
2908	Evolutionary genomics of mammalian lung cancer genes reveals signatures of positive selection in APC, RB1 and TP53. <i>Genomics</i> , 2020, 112, 4722-4731.	1.3	1
2909	The endangered California Condor (<i>Gymnogyps californianus</i>) population is exposed to local haemosporidian parasites. <i>Scientific Reports</i> , 2020, 10, 17947.	1.6	4
2910	Comparison of the gut microbiota in the groundwater amphipod <i>Crangonyx islandicus</i> Svavarsson & Kristjánsson, 2006 (Amphipoda: Crangonyctidae) to biofilms in its spring-source habitat. <i>Journal of Crustacean Biology</i> , 2020, 40, 657-667.	0.3	1
2911	The H ⁺ -Translocating Inorganic Pyrophosphatase From <i>Arabidopsis thaliana</i> Is More Sensitive to Sodium Than Its Na ⁺ -Translocating Counterpart From <i>Methanosarcina mazei</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 1240.	1.7	4
2912	Aromatic Hydrocarbon Removal by Novel Extremotolerant <i>Exophiala</i> and <i>Rhodotorula</i> Spp. from an Oil Polluted Site in Mexico. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 135.	1.5	10
2913	Invasive and Quarantine Risks of <i>Cacopsylla chinensis</i> (Hemiptera: Psyllidae) in East Asia: Hybridization or Gene Flow Between Differentiated Lineages. <i>Journal of Economic Entomology</i> , 2020, 113, 2890-2899.	0.8	4
2914	Mouse WIF1 Is Only Modified with O-Fucose in Its EGF-like Domain III Despite Two Evolutionarily Conserved Consensus Sites. <i>Biomolecules</i> , 2020, 10, 1250.	1.8	4
2915	Few amino acid signatures distinguish HIV-1 subtype B pandemic and non-pandemic strains. <i>PLoS ONE</i> , 2020, 15, e0238995.	1.1	2
2916	Handling biological sequences in R with the bioseq package. <i>Methods in Ecology and Evolution</i> , 2020, 11, 1728-1732.	2.2	8
2917	Multiple DNA viruses identified in multimammate mouse (<i>Mastomys natalensis</i>) populations from across regions of sub-Saharan Africa. <i>Archives of Virology</i> , 2020, 165, 2291-2299.	0.9	3
2918	Long-read only assembly of <i>Drechmeria coniospora</i> genomes reveals widespread chromosome plasticity and illustrates the limitations of current nanopore methods. <i>GigaScience</i> , 2020, 9, .	3.3	11

#	ARTICLE	IF	CITATIONS
2919	Comparative Analysis of the Core Proteomes among the Pseudomonas Major Evolutionary Groups Reveals Species-Specific Adaptations for Pseudomonas aeruginosa and Pseudomonas chlororaphis. Diversity, 2020, 12, 289.	0.7	37
2920	Strain Structure and Dynamics Revealed by Targeted Deep Sequencing of the Honey Bee Gut Microbiome. MSphere, 2020, 5, .	1.3	19
2921	The RUFYs, a Family of Effector Proteins Involved in Intracellular Trafficking and Cytoskeleton Dynamics. Frontiers in Cell and Developmental Biology, 2020, 8, 779.	1.8	16
2922	Identification of epidermal differentiation genes of the tuatara provides insights into the early evolution of lepidosaurian skin. Scientific Reports, 2020, 10, 12844.	1.6	12
2923	Supergene evolution via stepwise duplications and neofunctionalization of a floral-organ identity gene. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 23148-23157.	3.3	42
2924	Family Level Phylogenies Reveal Relationships of Plant Viruses within the Order Bunyavirales. Viruses, 2020, 12, 1010.	1.5	17
2925	Planktonic foraminifera genomic variations reflect paleoceanographic changes in the Arctic: evidence from sedimentary ancient DNA. Scientific Reports, 2020, 10, 15102.	1.6	15
2926	Determining the Authenticity of Shark Meat Products by DNA Sequencing. Foods, 2020, 9, 1194.	1.9	24
2927	The insertion of a mitochondrial selfish element into the nuclear genome and its consequences. Ecology and Evolution, 2020, 10, 11117-11132.	0.8	4
2928	Integrating Multiple Lines of Evidence to Explore Intraspecific Variability in a Rare Endemic Alpine Plant and Implications for Its Conservation. Plants, 2020, 9, 1160.	1.6	3
2929	Detection and Genetic Characterization of Puumala Orthohantavirus S-Segment in Areas of France Non-Endemic for Nephropathia Epidemica. Pathogens, 2020, 9, 721.	1.2	4
2930	Genomic resources and toolkits for developmental study of whip spiders (Amblypygi) provide insights into arachnid genome evolution and antenniform leg patterning. EvoDevo, 2020, 11, 18.	1.3	32
2931	Hybridization and introgression between toads with different sex chromosome systems. Evolution Letters, 2020, 4, 444-456.	1.6	22
2932	Lactobacilli and other gastrointestinal microbiota of Peromyscus leucopus, reservoir host for agents of Lyme disease and other zoonoses in North America. PLoS ONE, 2020, 15, e0231801.	1.1	10
2933	Mitogenome phylogenetics in the genus Palaemon (Crustacea: Decapoda) sheds light on species crypticism in the rockpool shrimp P. elegans. PLoS ONE, 2020, 15, e0237037.	1.1	9
2934	Identification of Essential Genes and Fluconazole Susceptibility Genes in Candida glabrata by Profiling Hermes Transposon Insertions. G3: Genes, Genomes, Genetics, 2020, 10, 3859-3870.	0.8	27
2935	Termite mounds contain soil-derived methanotroph communities kinetically adapted to elevated methane concentrations. ISME Journal, 2020, 14, 2715-2731.	4.4	21
2936	Phylogenetic placement and lectotypification of Pseudotryblidium neesii (Helotiales, Tj ETQq1 1,0,784314 rgBT /Ove	0.9	1

#	ARTICLE	IF	CITATIONS
2937	Antimicrobial resistance in <i>Aeromonas</i> species isolated from aquatic environments in Brazil. <i>Journal of Applied Microbiology</i> , 2021, 131, 169-181.	1.4	12
2938	The Foreign Oligochaete Species <i>Quistadrilus multisetosus</i> (Smith, 1900) in Lake Geneva: Morphological and Molecular Characterization and Environmental Influences on Its Distribution. <i>Biology</i> , 2020, 9, 436.	1.3	0
2939	First identification of dopamine receptors in pikeperch, <i>Sander lucioperca</i> , during the pre-ovulatory period. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2020, 36, 100747.	0.4	0
2940	Systematics and Multi-Gene Phylogeny of the Subfamily Nothoholostichinae (Ciliophora, Hypotrichia), With Integrative Description of a New Marine Species <i>Nothoholosticha luporinii</i> n. sp.. <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	6
2941	Indo-Pacific origins of silky shark fins in major shark fin markets highlights supply chains and management bodies key for conservation. <i>Conservation Letters</i> , 2020, 14, e12780.	2.8	9
2942	New species and records of the subterranean amphipod genus <i>Pseudocrangonyx</i> Akatsuka and Komai (Crustacea: Pseudocrangonyctidae), representing the northernmost distribution of the group. <i>Journal of Natural History</i> , 2020, 54, 1759-1795.	0.2	2
2943	Taxonomy and Molecular Phylogeny of Three Species of Scuticociliates From China: <i>Citrithrix smalli</i> gen. nov., sp. nov., <i>Homalogastra binucleata</i> sp. nov. and <i>Uronema orientalis</i> Pan et al., 2015 (Protozoa,) <i>Tj ETQq0 0.0 rgBT /Overlock 10</i> <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	3
2944	A Case of Persistent Diarrhea in a Man with the Molecular Detection of Various <i>Campylobacter</i> species and the First Isolation of <i>candidatus Campylobacter infans</i> . <i>Pathogens</i> , 2020, 9, 1003.	1.2	6
2945	<i>Klebsiella</i> and <i>Enterobacter</i> Isolated from Mangrove Wetland Soils in Thailand and Their Application in Biological Decolorization of Textile Reactive Dyes. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7531.	1.2	8
2946	An Earliest Endosymbiont, <i>Wolbachia massiliensis</i> sp. nov., Strain PL13 from the Bed Bug (<i>Cimex</i>) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10</i> 8064.	1.8	23
2947	Early medieval genetic data from Ural region evaluated in the light of archaeological evidence of ancient Hungarians. <i>Scientific Reports</i> , 2020, 10, 19137.	1.6	16
2948	Uncharted digenean diversity in Lake Tanganyika: cryptogonimids (Digenea: Cryptogonimidae) infecting endemic lates perches (Actinopterygii: Latidae). <i>Parasites and Vectors</i> , 2020, 13, 221.	1.0	7
2949	Tissue-specific patterns of regulatory changes underlying gene expression differences among <i>Ficedula</i> flycatchers and their naturally occurring F ₁ hybrids. <i>Genome Research</i> , 2020, 30, 1727-1739.	2.4	13
2950	Morphological and molecular species boundaries in the <i>Hyalella</i> species flock of Lake Titicaca (Crustacea: Amphipoda). <i>Contributions To Zoology</i> , 2020, 89, 353-372.	0.2	10
2951	Protein-Mediated and RNA-Based Origins of Replication of Extrachromosomal Mycobacterial Prophages. <i>MBio</i> , 2020, 11, .	1.8	16
2952	The first case of microsporidiosis in <i>Paramecium</i> . <i>Parasitology</i> , 2020, 147, 957-971.	0.7	12
2953	The response of soil and phyllosphere microbial communities to repeated application of the fungicide iprodione: accelerated biodegradation or toxicity?. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	1.3	29
2954	Identification and Characterization of <i>Staphylococcus delphini</i> Internalization Pathway in Nonprofessional Phagocytic Cells. <i>Infection and Immunity</i> , 2020, 88, .	1.0	5

#	ARTICLE	IF	CITATIONS
2955	Silent Infection of B and CD8 + T Lymphocytes by Influenza A Virus in Children with Tonsillar Hypertrophy. <i>Journal of Virology</i> , 2020, 94, .	1.5	5
2956	Emergence of genomic diversity and recurrent mutations in SARS-CoV-2. <i>Infection, Genetics and Evolution</i> , 2020, 83, 104351.	1.0	708
2957	Atlantic and Mediterranean populations of the widespread serpulid <i>Ficopomatus enigmaticus</i> : Developmental responses to carbon nanotubes. <i>Marine Pollution Bulletin</i> , 2020, 156, 111265.	2.3	11
2958	Complete genomic sequences of Venezuelan equine encephalitis virus subtype IIDD isolates from mosquitoes. <i>Archives of Virology</i> , 2020, 165, 1715-1717.	0.9	1
2959	Identification of Peptides and Their GPCRs in the Peppermint Shrimp <i>Lysmata vittata</i> , a Protandric Simultaneous Hermaphrodite Species. <i>Frontiers in Endocrinology</i> , 2020, 11, 226.	1.5	22
2960	A phylogenetic analysis of the biting midges belonging to <i>Culicoides</i> Latreille (Diptera): Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 54	1.0	13
2961	Morphological and molecular evidence reveals a new species of <i>Lyperosomum</i> Looss, 1899 (Digenea): Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54 <i>Helminthology</i> , 2020, 94, e156.	0.4	3
2962	Antibacterial activity and action mode of Cu(I) and Cu(II) complexes with phosphines derived from fluoroquinolone against clinical and multidrug-resistant bacterial strains. <i>Journal of Inorganic Biochemistry</i> , 2020, 210, 111124.	1.5	6
2963	Persistent Infection of Simian Foamy Virus Derived from the Japanese Macaque Leads to the High-Level Expression of microRNA that Resembles the miR-1 microRNA Precursor Family. <i>Microbes and Environments</i> , 2020, 35, n/a.	0.7	5
2964	Phylogenetic position of deep-sea opecoelid digenean <i>Tellervotrema beringi</i> (Mamaev, 1965) (Trematoda): Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 54	0.5	3
2965	Identification and characterization of the causal agent of Dutch elm disease in Croatia. <i>European Journal of Forest Research</i> , 2020, 139, 805-815.	1.1	5
2966	Genetic structure, ecological versatility, and skull shape differentiation in <i>Arvicola</i> water voles (Rodentia, Cricetidae). <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2020, 58, 1323-1334.	0.6	10
2967	Maternal Broadly Neutralizing Antibodies Can Select for Neutralization-Resistant, Infant-Transmitted/Founder HIV Variants. <i>MBio</i> , 2020, 11, .	1.8	25
2968	The Protector within: Comparative Genomics of APSE Phages across Aphids Reveals Rampant Recombination and Diverse Toxin Arsenals. <i>Genome Biology and Evolution</i> , 2020, 12, 878-889.	1.1	22
2969	Biodegradation of textile waste by marine bacterial communities enhanced by light. <i>Environmental Microbiology Reports</i> , 2020, 12, 406-418.	1.0	8
2970	Large microbiota survey reveals how the microbial ecology of cooked ham is shaped by different processing steps. <i>Food Microbiology</i> , 2020, 91, 103547.	2.1	18
2971	The chloroplast genome of a resilient chlorophycean microalga <i>Asterarcys</i> sp.. <i>Algal Research</i> , 2020, 49, 101952.	2.4	4
2972	NRT2.1 C-terminal phosphorylation prevents root high affinity nitrate uptake activity in <i>Arabidopsis thaliana</i> . <i>New Phytologist</i> , 2020, 228, 1038-1054.	3.5	34

#	ARTICLE	IF	CITATIONS
2973	The Concerted Action of Two B3-Like Prophage Genes Excludes Superinfecting Bacteriophages by Blocking DNA Entry into <i>Pseudomonas aeruginosa</i> . <i>Journal of Virology</i> , 2020, 94, .	1.5	5
2974	Potato Cyst Nematodes: A New Threat to Potato Production in East Africa. <i>Frontiers in Plant Science</i> , 2020, 11, 670.	1.7	41
2975	Selenoprotein T: An Essential Oxidoreductase Serving as a Guardian of Endoplasmic Reticulum Homeostasis. <i>Antioxidants and Redox Signaling</i> , 2020, 33, 1257-1275.	2.5	34
2976	Description of a new species of marine amoeba <i>Korotnevela mutabilis</i> n. sp. (Amoebozoa,) <i>TJ ETQq1 1 0.784314 rgBT /Overlock 10 T</i>	0.5	2
2977	<i>Bryoclavula phycophila</i> gen. et sp. nov. belonging to a novel lichenized lineage in Cantharellales (Basidiomycota). <i>Mycological Progress</i> , 2020, 19, 705-714.	0.5	6
2978	Gonadulins, the fourth type of insulin-related peptides in decapods. <i>General and Comparative Endocrinology</i> , 2020, 296, 113528.	0.8	15
2979	New species of aquatic chytrids from Oman. <i>Mycologia</i> , 2020, 112, 781-791.	0.8	3
2980	Revision of the paleâ€bellied <i>Micronycteris</i> Gray, 1866 (Chiroptera, Phyllostomidae) with descriptions of two new species. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2020, 58, 1411-1431.	0.6	6
2981	Bacterioplankton abundance and community structure during post-monsoon in mangrove dominated estuaries of the Indian Sundarbans; An insight to biogeochemical processes. <i>Estuarine, Coastal and Shelf Science</i> , 2020, 243, 106895.	0.9	3
2982	<i>Leishmania</i> Encodes a Bacterium-like 2,4-Dienoyl-Coenzyme A Reductase That Is Required for Fatty Acid β -Oxidation and Intracellular Parasite Survival. <i>MBio</i> , 2020, 11, .	1.8	8
2983	An integrative phylogenomic approach to elucidate the evolutionary history and divergence times of Neuropterida (Insecta: Holometabola). <i>BMC Evolutionary Biology</i> , 2020, 20, 64.	3.2	48
2984	Xenophyophores (Rhizaria, Foraminifera), including four new species and two new genera, from the western Clarion-Clipperton Zone (abyssal equatorial Pacific). <i>European Journal of Protistology</i> , 2020, 75, 125715.	0.5	14
2985	An Africa-wide genomic evolution of insecticide resistance in the malaria vector <i>Anopheles funestus</i> involves selective sweeps, copy number variations, gene conversion and transposons. <i>PLoS Genetics</i> , 2020, 16, e1008822.	1.5	42
2986	Molecular Phylogenetic Analysis of the Endemic Far Eastern Closely Related <i>Oxytropis</i> Species of Section <i>Orobia</i> (Fabaceae). <i>Russian Journal of Genetics</i> , 2020, 56, 429-440.	0.2	5
2987	Isolation and Complete Genome Sequence of a Novel Cyanophage S-B68. <i>Current Microbiology</i> , 2020, 77, 2385-2390.	1.0	3
2988	High HIV burden and recent transmission chains in rural forest areas in southern Cameroon, where ancestors of HIV-1 have been identified in ape populations. <i>Infection, Genetics and Evolution</i> , 2020, 84, 104358.	1.0	1
2989	<i>Metapochonia hahajimaensis</i> (Clavicipitaceae, Hypocreales), a new species from soil in Hahajima Island, Tokyo, Japan. <i>Mycoscience</i> , 2020, 61, 337-341.	0.3	0
2990	Morphometrics and genetics highlight the complex history of Eastern Mediterranean spiny mice. <i>Biological Journal of the Linnean Society</i> , 2020, 130, 599-614.	0.7	8

#	ARTICLE	IF	CITATIONS
2991	Genome-Wide Identification and Characterization of Hexokinase Genes in Moso Bamboo (<i>Phyllostachys edulis</i>). <i>Frontiers in Plant Science</i> , 2020, 11, 600.	1.7	11
2992	Arbuscular mycorrhizal fungus inocula from coastal sand dunes arrest olive cutting growth under salinity stress. <i>Mycorrhiza</i> , 2020, 30, 475-489.	1.3	10
2993	Genomic and Metabolomic Analysis of Antarctic Bacteria Revealed Culture and Elicitation Conditions for the Production of Antimicrobial Compounds. <i>Biomolecules</i> , 2020, 10, 673.	1.8	10
2994	Characterization of Two Satellite DNA Families in the Genome of the Oomycete Plant Pathogen <i>Phytophthora parasitica</i> . <i>Frontiers in Genetics</i> , 2020, 11, 557.	1.1	6
2995	Comparative analyses of DNA repeats and identification of a novel <i>Fesreba</i> centromeric element in fescues and ryegrasses. <i>BMC Plant Biology</i> , 2020, 20, 280.	1.6	11
2996	The evolution of metabolism: How to test evolutionary hypotheses at the genomic level. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 482-500.	1.9	36
2997	<i>Multiclavula petricola</i> sp. nov. (Cantharellales, Basidiomycota), a new clavarioid and lichenized fungus growing on rocks. <i>Mycoscience</i> , 2020, 61, 155-159.	0.3	2
2998	Evolutionary implications of analyses of complete mitochondrial genomes across order Zoantharia (Cnidaria: Hexacorallia). <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2020, 58, 858-868.	0.6	16
2999	Rabies in Uganda: rabies knowledge, attitude and practice and molecular characterization of circulating virus strains. <i>BMC Infectious Diseases</i> , 2020, 20, 200.	1.3	15
3000	Floral scent evolution in the section <i>Pseudophrys</i> : pollinator-mediated selection or phylogenetic constraints?. <i>Plant Biology</i> , 2020, 22, 881-889.	1.8	18
3001	Evidence for a novel overlapping coding sequence in POLG initiated at a CUG start codon. <i>BMC Genetics</i> , 2020, 21, 25.	2.7	30
3002	<i>Hyphopichia lachancei</i> , f.a., sp. nov., a yeast species from diverse origins. <i>Antonie Van Leeuwenhoek</i> , 2020, 113, 773-778.	0.7	3
3003	Rice F-bZIP transcription factors regulate the zinc deficiency response. <i>Journal of Experimental Botany</i> , 2020, 71, 3664-3677.	2.4	49
3004	Comparative and Evolutionary Genomics of Isolates Provide Insight into the Pathoadaptation of <i>Aeromonas</i> . <i>Genome Biology and Evolution</i> , 2020, 12, 535-552.	1.1	10
3005	Protein Structure and Sequence Reanalysis of 2019-nCoV Genome Refutes Snakes as Its Intermediate Host and the Unique Similarity between Its Spike Protein Insertions and HIV-1. <i>Journal of Proteome Research</i> , 2020, 19, 1351-1360.	1.8	242
3006	Transforming <i>Candida hispaniensis</i> , a promising oleaginous and flavogenic yeast. <i>Yeast</i> , 2020, 37, 348-355.	0.8	8
3007	Isolation of a freshwater microalgae and its application for the treatment of wastewater and obtaining fatty acids from tilapia cultivation. <i>Environmental Science and Pollution Research</i> , 2020, 27, 28575-28584.	2.7	7
3008	Characterization of HIV-1 genetic diversity and antiretroviral resistance in the state of Maranhão, Northeast Brazil. <i>PLoS ONE</i> , 2020, 15, e0230878.	1.1	4

#	ARTICLE	IF	CITATIONS
3009	An insulin-like peptide serves as a regulator of glucose metabolism in the immune response of Chinese mitten crab <i>Eriocheir sinensis</i> . <i>Developmental and Comparative Immunology</i> , 2020, 108, 103686.	1.0	8
3010	Species detection and delineation in the marine planktonic diatoms <i>Chaetoceros</i> and <i>Bacteriastrium</i> through metabarcoding: making biological sense of haplotype diversity. <i>Environmental Microbiology</i> , 2020, 22, 1917-1929.	1.8	15
3011	Changes in the promoter of a defender against apoptotic cell death gene affect its expression in upland cotton. <i>Journal of Systematics and Evolution</i> , 2020, 59, 1018.	1.6	1
3012	First report of <i>Aedes albopictus</i> infected by Dengue and Zika virus in a rural outbreak in Brazil. <i>PLoS ONE</i> , 2020, 15, e0229847.	1.1	25
3013	Geographical distribution and prevalence of tick-borne encephalitis virus in questing <i>Ixodes ricinus</i> ticks and phylogeographic structure of the <i>Ixodes ricinus</i> vector in Norway. <i>Zoonoses and Public Health</i> , 2020, 67, 370-381.	0.9	15
3014	New genome assemblies reveal patterns of domestication and adaptation across <i>Brettanomyces</i> (<i>Dekkera</i>) species. <i>BMC Genomics</i> , 2020, 21, 194.	1.2	21
3015	Targeting tRNA-synthetase interactions towards novel therapeutic discovery against eukaryotic pathogens. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0007983.	1.3	12
3016	<i>Asymmetron lucayanum</i> : How many species are valid?. <i>PLoS ONE</i> , 2020, 15, e0229119.	1.1	7
3017	COVID-19 Coronavirus Vaccine Design Using Reverse Vaccinology and Machine Learning. <i>Frontiers in Immunology</i> , 2020, 11, 1581.	2.2	301
3018	Metagenomics-Based Phylogeny and Phylogenomic. , 2020, , .		0
3019	Structural characterization of a novel human adeno-associated virus capsid with neurotropic properties. <i>Nature Communications</i> , 2020, 11, 3279.	5.8	30
3020	Phylogeny, evolution, and potential ecological relationship of cytochrome CYP52 enzymes in Saccharomycetales yeasts. <i>Scientific Reports</i> , 2020, 10, 10269.	1.6	8
3021	Pseudoscorpion <i>Wolbachia</i> symbionts: diversity and evidence for a new supergroup S. <i>BMC Microbiology</i> , 2020, 20, 188.	1.3	38
3022	First record of <i>Nassarius fuscus</i> (Hombron & Jacquinet, 1848) from the west coast of India, with the description of its sister species <i>Nassarius arewarensis</i> n. sp. (Buccinoidea: Nassariidae). <i>Journal of Molluscan Studies</i> , 2020, 86, 240-248.	0.4	1
3023	The origin of sheep settlement in Western Mediterranean. <i>Scientific Reports</i> , 2020, 10, 10225.	1.6	12
3024	Intrageneric evolutionary timing and hidden genetic diversity of <i>Paramecium</i> lineages (Ciliophora: Oligohymenophorea). <i>Systematics and Biodiversity</i> , 2020, 18, 662-674.	0.5	9
3025	Induction of Neutralizing Responses against Autologous Virus in Maternal HIV Vaccine Trials. <i>MSphere</i> , 2020, 5, .	1.3	2
3026	Genome-wide identification and characterization of <i>Solanum tuberosum</i> BiP genes reveal the role of the promoter architecture in BiP gene diversity. <i>Scientific Reports</i> , 2020, 10, 11327.	1.6	14

#	ARTICLE	IF	CITATIONS
3027	Auxin biosynthesis in the phytopathogenic fungus <i>Leptosphaeria maculans</i> is associated with enhanced transcription of indole-3-pyruvate decarboxylase <i>LmIPDC2</i> and tryptophan aminotransferase <i>LmTAM1</i> . <i>Research in Microbiology</i> , 2020, 171, 174-184.	1.0	17
3028	Phylogenetic position, complete larval development and larval sexual dimorphism in a rhizocephalan barnacle, <i>Lernaeodiscus rybakovi</i> sp. nov. (Cirripedia: Rhizocephala: Peltogastridae), parasitizing the crab <i>Pachycheles stevensii</i> Stimpson, 1858 (Decapoda: Anomura: Porcellanidae). <i>Zoologischer Anzeiger</i> , 2020, 287, 178-197.	0.4	11
3029	Moderate rate of transmitted resistance mutations to antiretrovirals and genetic diversity in newly HIV-1 patients diagnosed in Benin. <i>BMC Research Notes</i> , 2020, 13, 314.	0.6	2
3030	<i>CCDC61/VFL3</i> Is a Paralog of <i>SAS6</i> and Promotes Ciliary Functions. <i>Structure</i> , 2020, 28, 674-689.e11.	1.6	16
3031	Identification, biochemical composition and phycobiliproteins production of <i>Chroococciopsis</i> sp. from arid environment. <i>Process Biochemistry</i> , 2020, 97, 112-120.	1.8	13
3032	Evolutionary Modification of Pereopods in Phronimid Amphipods (Crustacea: Amphipoda: Hyperiidea: Tj ETQq1 1 0,784314 rgBT /Over	0.7	1
3033	What is the role of PIWI family proteins in adult pluripotent stem cells? Insights from asexually reproducing animals, planarians. <i>Development Growth and Differentiation</i> , 2020, 62, 407-422.	0.6	8
3034	Phylogenomic Perspective on a Unique <i>Mycobacterium bovis</i> Clade Dominating Bovine Tuberculosis Infections among Cattle and Buffalos in Northern Brazil. <i>Scientific Reports</i> , 2020, 10, 1747.	1.6	9
3035	<i>Colletotrichum keratitis</i> : A rare yet important fungal infection of human eyes. <i>Mycoses</i> , 2020, 63, 407-415.	1.8	11
3036	Evolution of <i>Ty1</i> copy number control in yeast by horizontal transfer and recombination. <i>PLoS Genetics</i> , 2020, 16, e1008632.	1.5	30
3037	Entomopathogenic nematode-associated microbiota: from monoxenic paradigm to pathobiome. <i>Microbiome</i> , 2020, 8, 25.	4.9	49
3038	<i>Letea Virus</i> : Comparative Genomics and Phylogenetic Analysis of a Novel Reassortant Orbivirus Discovered in Grass Snakes (<i>Natrix natrix</i>). <i>Viruses</i> , 2020, 12, 243.	1.5	12
3039	Inferring Biochemical Reactions and Metabolite Structures to Understand Metabolic Pathway Drift. <i>IScience</i> , 2020, 23, 100849.	1.9	15
3040	Shift of Feeding Mode in an Epizoic Stalked Barnacle Inducing Gall Formation of Host Sea Urchin. <i>IScience</i> , 2020, 23, 100885.	1.9	7
3041	Stress Reshapes the Physiological Response of Halophile Fungi to Salinity. <i>Cells</i> , 2020, 9, 525.	1.8	32
3042	Comparative and evolutionary analyses of the divergence of plant oligosaccharyltransferase <i>STT3</i> isoforms. <i>FEBS Open Bio</i> , 2020, 10, 468-483.	1.0	4
3043	Compact Root Architecture 2 Promotes Root Competence for Nodulation through the miR2111 Systemic Effector. <i>Current Biology</i> , 2020, 30, 1339-1345.e3.	1.8	75
3044	Soybean aphid biotype 1 genome: Insights into the invasive biology and adaptive evolution of a major agricultural pest. <i>Insect Biochemistry and Molecular Biology</i> , 2020, 120, 103334.	1.2	15

#	ARTICLE	IF	CITATIONS
3045	Bradyrhizobium uaiense sp. nov., a new highly efficient cowpea symbiont. Archives of Microbiology, 2020, 202, 1135-1141.	1.0	10
3046	Genome-wide identification of multifunctional laccase gene family in Eucalyptus grandis: potential targets for lignin engineering and stress tolerance. Trees - Structure and Function, 2020, 34, 745-758.	0.9	23
3047	The complete mitochondrial genome of a parasite at the animal-fungal boundary. Parasites and Vectors, 2020, 13, 81.	1.0	5
3048	Molecular characterisation of an Acinetobacter baumannii outbreak. Infection Prevention in Practice, 2020, 2, 100040.	0.6	8
3049	Simplicillium spumae (Cordycipitaceae, Hypocreales), a new hyphomycetes from aquarium foam in Japan. Mycoscience, 2020, 61, 116-121.	0.3	3
3050	Characterization of haplotypes and single nucleotide polymorphisms associated with Gn1a for high grain number formation in rice plant. Genomics, 2020, 112, 2647-2657.	1.3	11
3051	<i>Leptospira interrogans</i> infection of southern tamanduas (<i>Tamandua tetradactyla</i> ,) Tj ETQq0 0 0 rgBT (Overlock 10 Tf 50	1.3	3
3052	Divergent genes encoding the putative receptors for growth hormone and prolactin in sea lamprey display distinct patterns of expression. Scientific Reports, 2020, 10, 1674.	1.6	12
3053	Ontogenetic expression rhythms of visual opsins in senegalese sole are modulated by photoperiod and light spectrum. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2020, 190, 185-204.	0.7	7
3054	Phylogenomic assessment of drug-resistant Mycobacterium tuberculosis strains from Beira, Mozambique. Tuberculosis, 2020, 121, 101905.	0.8	3
3055	High-throughput DNA barcoding of oligochaetes for abundance-based indices to assess the biological quality of sediments in streams and lakes. Scientific Reports, 2020, 10, 2041.	1.6	12
3056	Characterization of Fungal Endophytes Isolated from the Metal Hyperaccumulator Plant Vachellia farnesiana Growing in Mine Tailings. Microorganisms, 2020, 8, 226.	1.6	21
3057	Capanemia (Oncidiinae): an orchid genus revised and simplified. Plant Systematics and Evolution, 2020, 306, 1.	0.3	0
3058	Dynamic Evolution of the Cthrc1 Genes, a Newly Defined Collagen-Like Family. Genome Biology and Evolution, 2020, 12, 3957-3970.	1.1	12
3059	Genetic Diversity and Identification of Vietnamese Paphiopedilum Species Using DNA Sequences. Biology, 2020, 9, 9.	1.3	17
3060	First report of a catheter-related bloodstream infection by Candida haemulonii in a childrenâ€™s hospital in Mexico City. International Journal of Infectious Diseases, 2020, 92, 123-126.	1.5	9
3061	Recombination Events and Conserved Nature of Receptor Binding Motifs in Coxsackievirus A9 Isolates. Viruses, 2020, 12, 68.	1.5	2
3062	Hodophilus phaeophyllus complex (Clavariaceae, Agaricales) is defined as new phylogenetic lineage in Europe. Mycological Progress, 2020, 19, 111-125.	0.5	3

#	ARTICLE	IF	CITATIONS
3063	Genetic insights into the social organisation of the Avar period elite in the 7th century AD Carpathian Basin. <i>Scientific Reports</i> , 2020, 10, 948.	1.6	23
3064	â€œLittle Red Jelliesâ€ in Monterey Bay, California (Cnidaria: Hydrozoa: Trachymedusae: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	1.2	6
3065	Investigation of Genetic Relationships Between <i>Hanseniaspora</i> Species Found in Grape Musts Revealed Interspecific Hybrids With Dynamic Genome Structures. <i>Frontiers in Microbiology</i> , 2019, 10, 2960.	1.5	23
3066	Genetic records of intertidal sea anemones from Portugal. <i>Regional Studies in Marine Science</i> , 2020, 34, 101067.	0.4	0
3067	Influenza A and B in a cohort of outpatient children and adolescent with influenza like-illness during two consecutive influenza seasons. <i>Brazilian Journal of Infectious Diseases</i> , 2020, 24, 73-80.	0.3	1
3068	Phylogenomic analysis of <i>Neisseria gonorrhoeae</i> transmission to assess sexual mixing and HIV transmission risk in England: a cross-sectional, observational, whole-genome sequencing study. <i>Lancet Infectious Diseases</i> , The, 2020, 20, 478-486.	4.6	22
3069	The <i>Pseudomphalina kalchbrenneri</i> complex in North America. <i>Botany</i> , 2020, 98, 91-101.	0.5	2
3070	Low Cassette Variability in Class 2 and Class 1 Integrons of <i>Aeromonas</i> spp. Isolated from Environmental Samples. <i>Microbial Drug Resistance</i> , 2020, 26, 794-801.	0.9	12
3071	Redescription of <i>Sphecatoclea excisa</i> Villeneuve, 1909 (Diptera: Sarcophagidae). <i>Zootaxa</i> , 2020, 4728, zootaxa.4728.1.5.	0.2	3
3072	Integrating hybrid zone analyses in species delimitation: lessons from two anuran radiations of the Western Mediterranean. <i>Heredity</i> , 2020, 124, 423-438.	1.2	50
3073	Full genomic characterization of a porcine rotavirus strain detected in an asymptomatic piglet in Accra, Ghana. <i>BMC Veterinary Research</i> , 2020, 16, 11.	0.7	3
3074	Expanding our view of <i>Bartonella</i> and its hosts: <i>Bartonella</i> in nest ectoparasites and their migratory avian hosts. <i>Parasites and Vectors</i> , 2020, 13, 13.	1.0	14
3075	Are glacial refugia hotspots of speciation and cytonuclear discordances? Answers from the genomic phylogeography of Spanish common frogs. <i>Molecular Ecology</i> , 2020, 29, 986-1000.	2.0	63
3076	High frequency of seropositive and carriers of <i>Leptospira</i> spp. in pigs in the semiarid region of northeastern Brazil. <i>Tropical Animal Health and Production</i> , 2020, 52, 2055-2061.	0.5	8
3077	The Intercontinental phylogeography of neustonic daphniids. <i>Scientific Reports</i> , 2020, 10, 1818.	1.6	14
3078	A mitogenomic phylogeny of chitons (Mollusca: Polyplacophora). <i>BMC Evolutionary Biology</i> , 2020, 20, 22.	3.2	35
3079	Monkeypox virus emergence in wild chimpanzees reveals distinct clinical outcomes and viral diversity. <i>Nature Microbiology</i> , 2020, 5, 955-965.	5.9	86
3080	No Evidence for Single-Copy Immune-Gene Specific Signals of Selection in Termites. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	5

#	ARTICLE	IF	CITATIONS
3081	Amycolatopsis BX17: An actinobacterial strain isolated from soil of a traditional milpa agroecosystem with potential biocontrol against Fusarium graminearum. <i>Biological Control</i> , 2020, 147, 104285.	1.4	10
3082	Radiation of the coralline red algae (Corallinophycidae, Rhodophyta) crown group as inferred from a multilocus time-calibrated phylogeny. <i>Molecular Phylogenetics and Evolution</i> , 2020, 150, 106845.	1.2	33
3083	Search for polyoma-, herpes-, and bornaviruses in squirrels of the family Sciuridae. <i>Virology Journal</i> , 2020, 17, 42.	1.4	11
3084	DNA Barcoding of Nematodes Using the MinION. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	26
3085	Fine Resolution Analysis of Microbial Communities Provides Insights Into the Variability of Cocoa Bean Fermentation. <i>Frontiers in Microbiology</i> , 2020, 11, 650.	1.5	24
3086	A Prime-Boost Immunization Strategy with Vaccinia Virus Expressing Novel gp120 Envelope Glycoprotein from a CRF02_AG Isolate Elicits Cross-Clade Tier 2 HIV-1 Neutralizing Antibodies. <i>Vaccines</i> , 2020, 8, 171.	2.1	6
3087	Remdesivir and SARS-CoV-2: Structural requirements at both nsp12 RdRp and nsp14 Exonuclease active-sites. <i>Antiviral Research</i> , 2020, 178, 104793.	1.9	271
3088	Biological ammonium and sulfide oxidation in a nitrifying sequencing batch reactor: Kinetic and microbial population dynamics assessments. <i>Chemosphere</i> , 2020, 253, 126637.	4.2	5
3089	Molecular crosstalk between the endophyte <i>Paraconiothyrium variabile</i> and the phytopathogen <i>Fusarium oxysporum</i> – Modulation of lipoxygenase activity and beauvericin production during the interaction. <i>Fungal Genetics and Biology</i> , 2020, 139, 103383.	0.9	16
3090	Phylogenetics of sunflower chlorotic mottle virus, an emerging pathosystem. <i>Virology</i> , 2020, 545, 33-39.	1.1	2
3091	The rare lncRNA GOLLD is widespread and structurally conserved among <i>Mycobacterium</i> tRNA arrays. <i>RNA Biology</i> , 2020, 17, 1001-1008.	1.5	1
3092	Multiple recombinant events in human T-cell Leukemia virus Type 1: complete sequences of recombinant African strains. <i>Emerging Microbes and Infections</i> , 2020, 9, 913-923.	3.0	9
3093	Extraordinary Sequence Diversity and Promiscuity of Centromeric Satellites in the Legume Tribe Fabae. <i>Molecular Biology and Evolution</i> , 2020, 37, 2341-2356.	3.5	42
3094	The Taxonomy and Diversity of <i>Proschkinia</i> (Bacillariophyta), A Common But Enigmatic Genus from Marine Coasts. <i>Journal of Phycology</i> , 2020, 56, 953-978.	1.0	5
3095	<i>Arabidopsis thaliana</i> SURFEIT1-like genes link mitochondrial function to early plant development and hormonal growth responses. <i>Plant Journal</i> , 2020, 103, 690-704.	2.8	13
3096	Molecular Identification and Evaluation of the Genetic Diversity of <i>Dendrobium</i> Species Collected in Southern Vietnam. <i>Biology</i> , 2020, 9, 76.	1.3	8
3097	A Preliminary Study of the Virome of the South American Free-Tailed Bats (<i>Tadarida brasiliensis</i>) and Identification of Two Novel Mammalian Viruses. <i>Viruses</i> , 2020, 12, 422.	1.5	22
3098	Natural Infection of Southern Highbush Blueberry (<i>Vaccinium corymbosum</i> Interspecific) Tj ETQq1 1 0.784314 rgBT / Overlock 10	0.7	5

#	ARTICLE	IF	CITATIONS
3099	Emerging genetic diversity among clinical isolates of SARS-CoV-2: Lessons for today. <i>Infection, Genetics and Evolution</i> , 2020, 84, 104330.	1.0	54
3100	Morphology, Ultrastructure, and Phylogeny of Two Novel Species of <i>Ventrifissura</i> (<i>V. oblonga</i> n. sp.) Tj ETQq1 1 0.784314 rgBT /Overl	0.6	2
3101	A N7-guanine RNA cap methyltransferase signature-sequence as a genetic marker of large genome, non-mammalian Tobaniviridae. <i>NAR Genomics and Bioinformatics</i> , 2020, 2, lqz022.	1.5	10
3102	DNA topoisomerase 2 gene polymorphism in dermatophytes. <i>Mycoses</i> , 2020, 63, 694-703.	1.8	7
3103	Morphogenesis and molecular phylogeny of two soil ciliates <i>Australocirrus australis</i> (Foissner, 1995) Kumar and Foissner, 2015 and <i>A. aspoeckii</i> (Foissner, 2004) Kumar and Foissner, 2015 (Ciliophora,) Tj ETQq0 0 0 rgBT /Overl	0.5	10
3104	Invasive in the North: new latitudinal record for Argentine ants in Europe. <i>Insectes Sociaux</i> , 2020, 67, 331-335.	0.7	5
3105	Use of serological and molecular techniques for detection of <i>Leptospira</i> sp. carrier sheep under semiarid conditions and the importance of genital transmission route. <i>Acta Tropica</i> , 2020, 207, 105497.	0.9	22
3106	Sperm length variation among Afrotropical songbirds reflects phylogeny rather than adaptations to the tropical environment. <i>Zoology</i> , 2020, 140, 125770.	0.6	6
3107	Genome-wide analysis of short interspersed nuclear elements provides insight into gene and genome evolution in citrus. <i>DNA Research</i> , 2020, 27, .	1.5	3
3108	Global transcriptome analysis reveals circadian control of splicing events in <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2020, 103, 889-902.	2.8	48
3109	Characteristic features of the SERA multigene family in the malaria parasite. <i>Parasites and Vectors</i> , 2020, 13, 170.	1.0	15
3110	Soybean seed chemical composition as influenced by <i>Bradyrhizobium</i> inoculation in soils with elevated nickel concentrations. <i>Applied Soil Ecology</i> , 2020, 153, 103576.	2.1	3
3111	Does the <i>Gonostomum</i> -patterned oral apparatus in hypotrichia carry a phylogenetic signal? Evidence from morphological and molecular data based on extended taxon sampling using three nuclear genes (Ciliophora, Spirotrichea). <i>Science China Life Sciences</i> , 2021, 64, 311-322.	2.3	34
3112	Origin and diversification of Indian <i>Ceropegieae</i> (Apocynaceae) and its possible relation to the Indian monsoon. <i>Journal of Systematics and Evolution</i> , 2021, 59, 93-112.	1.6	9
3113	Climatic oscillations during the Mio/Pliocene epochs induced cladogenesis in the terrestrial snail genus <i>Gittenouardia</i> (Mollusca: Gastropoda: Cerastidae) from South Africa. <i>Molecular Phylogenetics and Evolution</i> , 2021, 155, 107000.	1.2	7
3114	Insight to the ancestral relations and varietal diversity of Indian tea [<i>Camellia sinensis</i> (L.) Kuntze] through plastid and nuclear phylogenetic markers. <i>Genetic Resources and Crop Evolution</i> , 2021, 68, 773-783.	0.8	6
3115	Phylogenetic relationships and revised classification of the true bug infraorder Dipsocoromorpha (Insecta: Hemiptera: Heteroptera). <i>Cladistics</i> , 2021, 37, 248-275.	1.5	1
3116	Giant <i>GAL</i> gene clusters for the melibiose→galactose pathway in <i>Torulaspora</i> . <i>Yeast</i> , 2021, 38, 117-126.	0.8	10

#	ARTICLE	IF	CITATIONS
3117	Disturbance effects on productivityâ€“plant diversity relationships from a 22â€“yearâ€“old successional field. <i>Journal of Vegetation Science</i> , 2021, 32, .	1.1	3
3118	Development of a DNA-Based Real-Time PCR Assay To Quantify <i>Allorhizobium vitis</i> Over Time in Grapevine (<i>Vitis vinifera</i> L.) Plantlets. <i>Plant Disease</i> , 2021, 105, 384-391.	0.7	1
3119	Variability in virulence of <i>Beauveria</i> spp. soil isolates against <i>Ostrinia nubilalis</i> . <i>Journal of Applied Entomology</i> , 2021, 145, 92-103.	0.8	4
3120	A <i>scp><i>VKORC1</i></sc></i> -based SNP survey of anticoagulant rodenticide resistance in the house mouse, Norway rat and roof rat in the USA. <i>Pest Management Science</i> , 2021, 77, 234-242.	1.7	10
3121	Influence of stormwater infiltration systems on the structure and the activities of groundwater biofilms: Are the effects restricted to rainy periods?. <i>Science of the Total Environment</i> , 2021, 755, 142451.	3.9	1
3122	Genetic diversity of <i>Anaplasma marginale</i> in calves with anaplasmosis on farms in Minas Gerais, Brazil. <i>Ticks and Tick-borne Diseases</i> , 2021, 12, 101552.	1.1	3
3123	Cytotoxic Naphthoquinone Analogues, Including Heterodimers, and Their Structure Elucidation Using LR-HSQMBC NMR Experiments. <i>Journal of Natural Products</i> , 2021, 84, 771-778.	1.5	10
3124	A new boring toxin producer â€“ <i>Perforafilum tunnelli</i> gen. & sp. nov. (Oscillatoriales, Cyanobacteria) isolated from Laguna Madre, Texas, USA. <i>Phycologia</i> , 2021, 60, 10-24.	0.6	14
3125	Antibiotic Resistance Patterns and <i>mcr-1</i> Detection in Avian Pathogenic <i>Escherichia coli</i> Isolates from Commercial Layer and Layer Breeder Flocks Demonstrating Colibacillosis in Greece. <i>Microbial Drug Resistance</i> , 2021, 27, 710-720.	0.9	7
3126	Subspecies divergence and pronounced phylogenetic incongruence in the East-Asia-endemic shrub <i>Magnolia sieboldii</i> . <i>Annals of Botany</i> , 2021, 127, 75-90.	1.4	7
3127	Ancient DNA Suggests Single Colonization and Within-Archipelago Diversification of Caribbean Caviomorph Rodents. <i>Molecular Biology and Evolution</i> , 2021, 38, 84-95.	3.5	19
3128	Rapid species level identification of fish eggs by proteome fingerprinting using MALDI-TOF MS. <i>Journal of Proteomics</i> , 2021, 231, 103993.	1.2	13
3129	Relative contribution to the shark fin trade of Indoâ€“Pacific and Eastern Pacific pelagic thresher sharks. <i>Animal Conservation</i> , 2021, 24, 367-372.	1.5	10
3130	New contributions to the phylogeny of the ciliate class Heterotrichea (Protista, Ciliophora): analyses at family-genus level and new evolutionary hypotheses. <i>Science China Life Sciences</i> , 2021, 64, 606-620.	2.3	34
3131	Morphological and molecular identification of the causal agents of post-harvest diseases in avocado fruit, and potential biocontrol with <i>Meyerozyma caribbica</i> . <i>Archives of Phytopathology and Plant Protection</i> , 2021, 54, 411-430.	0.6	7
3132	Sponges as bioindicators for microparticulate pollutants?. <i>Environmental Pollution</i> , 2021, 268, 115851.	3.7	17
3133	Broad sampling of monothalamids (Rhizaria, Foraminifera) gives further insight into diversity of non-marine Foraminifera. <i>European Journal of Protistology</i> , 2021, 77, 125744.	0.5	10
3134	Functional characterization of methionine sulfoxide reductases from <i>Leptospira interrogans</i> . <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2021, 1869, 140575.	1.1	1

#	ARTICLE	IF	CITATIONS
3135	Engineering protein fragments via evolutionary and protein-protein interaction algorithms: <i>de novo</i> design of peptide inhibitors for <i>F₁O₁</i> -ATP synthase. <i>FEBS Letters</i> , 2021, 595, 183-194.	1.3	3
3136	Serological, molecular and bacteriological approaches for detecting <i>Leptospira</i> sp. carrier rams maintained in semiarid conditions. <i>Acta Tropica</i> , 2021, 213, 105759.	0.9	11
3137	Incursion and establishment of the Old World arbovirus vector <i>Aedes (Fredwardsius) vittatus</i> (Bigot,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf</i>	0.9	17
3138	<i>Purpureocillium roseum</i> sp. nov. A new ocular pathogen for humans and mice resistant to antifungals. <i>Mycoses</i> , 2021, 64, 162-173.	1.8	3
3139	Revisiting a speciation classic: Comparative analyses support sharp but leaky transitions between <i>Bombina</i> toads. <i>Journal of Biogeography</i> , 2021, 48, 548-560.	1.4	17
3140	Development and application of quantitative real-time PCR based on the mitochondrial cytochrome oxidase subunit I gene for early detection of the grazer <i>Poteroiochromonas malhamensis</i> contaminating <i>Chlorella</i> culture. <i>Algal Research</i> , 2021, 53, 102133.	2.4	7
3141	Two Oleosins Expressed in the Mesocarp of Native Mexican Avocado, Key Genes in the Oil Content. <i>Plant Foods for Human Nutrition</i> , 2021, 76, 20-25.	1.4	2
3142	Description of <i>Flexiglena</i> gen. nov. and new members of <i>Discoplastis</i> and <i>Euglenaformis</i> (Euglenida). <i>Journal of Phycology</i> , 2021, 57, 766-779.	1.0	12
3143	Concatenated data and dense taxon sampling clarify phylogeny and ecological transitions within <i>Hypotracha</i> . <i>Zoologica Scripta</i> , 2021, 50, 125-139.	0.7	4
3144	Multiple Sequence Alignment. <i>Methods in Molecular Biology</i> , 2021, , .	0.4	9
3145	<i>Vannella primoblina</i> n. sp. " an unusual species of the genus <i>Vannella</i> (Amoebozoa, Discosea,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3</i> 125757.	0.5	3
3146	Corallinapetrales and Corallinapetraceae: A new order and family of coralline red algae including <i>Corallinapetra gabrielii</i> comb. nov.. <i>Journal of Phycology</i> , 2021, 57, 849-862.	1.0	13
3147	Cuticle-associated bacteria can inhibit crayfish pathogen <i>Aphanomyces astaci</i> : Opening the perspective of biocontrol in astaciculture. <i>Aquaculture</i> , 2021, 533, 736112.	1.7	7
3148	<i>Polychaos centronucleolus</i> n. sp. " a new terrestrial species of the genus <i>Polychaos</i> (Amoebozoa,) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 3</i>	0.5	1
3149	Immunoglobulin T genes in Actinopterygii. <i>Fish and Shellfish Immunology</i> , 2021, 108, 86-93.	1.6	12
3150	Correlation of <i>Trichosporon asahii</i> Genotypes with Anatomical Sites and Antifungal Susceptibility Profiles: Data Analyses from 284 Isolates Collected in the Last 22 Years across 24 Medical Centers. <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	1.4	13
3151	Host-induced phenotypic plasticity in <i>Saccocoelioides lamothei</i> Aguirre-Macedo and Violante-González, 2008 (Digenea: Haploporidae) a parasite of freshwater, brackish and marine fishes from Middle America. <i>Parasitology</i> , 2021, 148, 519-531.	0.7	3
3152	New mitogenomic lineages in <i>Papio</i> baboons and their phylogeographic implications. <i>American Journal of Physical Anthropology</i> , 2021, 174, 407-417.	2.1	10

#	ARTICLE	IF	CITATIONS
3153	Impact of parasitic lifestyle and different types of centromere organization on chromosome and genome evolution in the plant genus <i>Cuscuta</i> . <i>New Phytologist</i> , 2021, 229, 2365-2377.	3.5	22
3154	Ciliates as bioindicators of water quality: A case study in the neotropical region and evidence of phylogenetic signals (18S-rDNA). <i>Environmental Pollution</i> , 2021, 268, 115760.	3.7	10
3155	High-throughput sequencing of 5S rRNA in oaks: Exploring intragenomic variation and algorithms to recognize target species in pure and mixed samples. <i>Molecular Ecology Resources</i> , 2021, 21, 495-510.	2.2	7
3156	Cloning and characterisation of NMDA receptors in the Pacific oyster, <i>Crassostrea gigas</i> (Thunberg.) <i>Tj ETQq1 1 0.784314 rgBT /Over</i> 144-159.	0.9	5
3157	<i>Staphylococcus sciuri</i> as a Reservoir of <i>mecA</i> to <i>Staphylococcus aureus</i> in Non-Migratory Seabirds from a Remote Oceanic Island. <i>Microbial Drug Resistance</i> , 2021, 27, 553-561.	0.9	14
3158	A 500-year tale of co-evolution, adaptation, and virulence: <i>Helicobacter pylori</i> in the Americas. <i>ISME Journal</i> , 2021, 15, 78-92.	4.4	23
3159	CoV3D: a database of high resolution coronavirus protein structures. <i>Nucleic Acids Research</i> , 2021, 49, D282-D287.	6.5	58
3160	WRKY22 and WRKY25 transcription factors are positive regulators of defense responses in <i>Nicotiana benthamiana</i> . <i>Plant Molecular Biology</i> , 2021, 105, 65-82.	2.0	19
3161	Microbial siderophores an envisaged tool for asbestos bioremediation – A microcosm approach. <i>Materials Today: Proceedings</i> , 2021, 43, 3110-3116.	0.9	2
3162	Computational design of SARS-CoV-2 spike glycoproteins to increase immunogenicity by T cell epitope engineering. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 518-529.	1.9	19
3163	Variability of Chloroplast DNA in <i>Oxytropis Section Polyadena</i> (Fabaceae) from Asian Russia: Population Analysis and Phylogenetic Relationships. <i>Biology Bulletin</i> , 2021, 48, 16-25.	0.1	4
3164	Multiple origins of a frameshift insertion in a mitochondrial gene in birds and turtles. <i>GigaScience</i> , 2021, 10, .	3.3	3
3165	ZP4 Is Present in Murine Zona Pellucida and Is Not Responsible for the Specific Gamete Interaction. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 626679.	1.8	8
3166	Microbial risk assessment of <i>Nocardia cyriacigeorgica</i> in polluted environments, case of urban rainfall water. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 384-400.	1.9	4
3167	Complex sequence organization of heterochromatin in the holocentric plant <i>Cuscuta europaea</i> elucidated by the computational analysis of nanopore reads. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 2179-2189.	1.9	9
3168	<i>Fassettia</i> , a new North American genus of family <i>Ceratophyllaceae</i> : evidence based on cladistic analyses of current molecular data of <i>Ceratophyllum</i> . <i>Australian Systematic Botany</i> , 2021, 34, 431.	0.3	3
3169	Some morphologically distinguishable hypotrich ciliates share identical 18S rRNA gene sequences – taxonomic insights from a case study on <i>Oxytricha</i> species (Protista, Ciliophora). <i>Zoological Journal of the Linnean Society</i> , 2021, 193, 356-379.	1.0	4
3170	Whole Genome Sequencing and Root Colonization Studies Reveal Novel Insights in the Biocontrol Potential and Growth Promotion by <i>Bacillus subtilis</i> MBI 600 on Cucumber. <i>Frontiers in Microbiology</i> , 2020, 11, 600393.	1.5	41

#	ARTICLE	IF	CITATIONS
3171	Genomic analysis on Brazilian strains of <i>Anaplasma marginale</i> . <i>Brazilian Journal of Veterinary Parasitology</i> , 2021, 30, e000421.	0.2	3
3172	Identity and microbial agents related to Dermacentor marginatus; Sulzer (Acari: Ixodidae) with a new record of Rickettsia slovaca; (Rickettsiales:) Tj ETQq1 1 0.784314 rgBT /Over	0.784314	1
3173	Complexity of malaria transmission dynamics in the Brazilian Atlantic Forest. <i>Current Research in Parasitology and Vector-borne Diseases</i> , 2021, 1, 100032.	0.7	5
3174	A new hydrobiid species (Caenogastropoda, Truncatelloidea) from insular Greece. <i>Zoosystematics and Evolution</i> , 2021, 97, 111-119.	0.4	2
3175	Taxonomy of Three Oxytrichids (Protozoa, Ciliophora, Hypotrichia), With Establishment of the New Species <i>Rubrioxtricha guangzhouensis</i> spec. nov.. <i>Frontiers in Marine Science</i> , 2021, 7, .	1.2	5
3176	An Alba-domain protein required for proteome remodelling during trypanosome differentiation and host transition. <i>PLoS Pathogens</i> , 2021, 17, e1009239.	2.1	8
3177	Live cell dynamics of production, explosive release and killing activity of phage tail-like weapons for <i>Pseudomonas</i> kin exclusion. <i>Communications Biology</i> , 2021, 4, 87.	2.0	34
3178	An integrated morphologicalâ€“molecular approach reveals new insights on the systematics of the octocoral. <i>Invertebrate Systematics</i> , 2021, 35, 261-281.	0.5	6
3179	On biodiversity and conservation of the <i>Iris hexagona</i> complex (<i>Phaeiris</i> , Iridaceae). <i>Ecosphere</i> , 2021, 12, e03331.	1.0	0
3181	Taxonomic and phylogenetic composition show biotic resistance to exotic invasion in acid seep springs. <i>Ecological Processes</i> , 2021, 10, .	1.6	2
3182	Oxidative stress drives divergent evolution of the glutathione peroxidase (GPX) gene family in mammals. <i>Integrative Zoology</i> , 2021, 16, 696-711.	1.3	20
3183	Molecular detection and genomic characterization of diverse hepaciviruses in African rodents. <i>Virus Evolution</i> , 2021, 7, veab036.	2.2	11
3184	Datamining and functional environmental genomics reassess the phylogenetics and functional diversity of fungal monosaccharide transporters. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 647-660.	1.7	4
3186	Characterization and Pathogenicity Test of Entomopathogenic Nematode <i>Steinernema</i> Species-Kalro. <i>Journal of Agricultural Science</i> , 2021, 13, 93.	0.1	2
3187	New phylotypes of foraminifera in subtropical Brazilian coastal waters revealed by environmental DNA metabarcoding. <i>Journal of Sedimentary Environments</i> , 2021, 6, 13-23.	0.7	4
3188	Population history of chimpanzees introduced to Lake Victoriaâ€™s Rubondo Island. <i>Primates</i> , 2021, 62, 253-265.	0.7	2
3189	A Comprehensive Evolutionary Scenario of Cell Division and Associated Processes in the Firmicutes. <i>Molecular Biology and Evolution</i> , 2021, 38, 2396-2412.	3.5	4
3190	Unraveling unique island colonization events in <i>Elachistocleis</i> frogs: phylogeography, cryptic divergence, and taxonomical implications. <i>Organisms Diversity and Evolution</i> , 2021, 21, 189-206.	0.7	3

#	ARTICLE	IF	CITATIONS
3191	Phylogenetic Characterization of Crimean-Congo Hemorrhagic Fever Virus Detected in African Blue Ticks Feeding on Cattle in a Ugandan Abattoir. <i>Microorganisms</i> , 2021, 9, 438.	1.6	11
3192	African Swine Fever Virus Circulation between Tanzania and Neighboring Countries: A Systematic Review and Meta-Analysis. <i>Viruses</i> , 2021, 13, 306.	1.5	19
3193	Reversibility of digit loss revisited: Limb diversification in <i>Bachia</i> lizards (gymnophthalmidae). <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2023, 340, 496-508.	0.6	4
3194	<i>Legionella</i> spp. All Ears? The Broad Occurrence of Quorum Sensing Elements outside <i>Legionella pneumophila</i> . <i>Genome Biology and Evolution</i> , 2021, 13, .	1.1	6
3196	The NAC transcription factor FaRIF controls fruit ripening in strawberry. <i>Plant Cell</i> , 2021, 33, 1574-1593.	3.1	95
3197	Expression of the <i>qepA1</i> gene is induced under antibiotic exposure. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 1433-1440.	1.3	5
3198	<i>Kulikovia alborostrata</i> and <i>Kulikovia fulva</i> comb. nov. (Nemertea: Heteronemertea) are Sister Species with Prezygotic Isolating Barriers. <i>Zoological Science</i> , 2021, 38, 193-202.	0.3	3
3199	Paracellular and Transcellular Leukocytes Diapedesis Are Divergent but Interconnected Evolutionary Events. <i>Genes</i> , 2021, 12, 254.	1.0	20
3200	Structural and Genetic Determinants of Convergence in the <i>Drosophila</i> tRNA Structure—Function Map. <i>Journal of Molecular Evolution</i> , 2021, 89, 103-116.	0.8	0
3201	Characterization of a novel type III alcohol dehydrogenase from <i>Thermococcus barophilus</i> Ch5. <i>International Journal of Biological Macromolecules</i> , 2021, 171, 491-501.	3.6	9
3202	A complex resistance locus in <i>Solanum americanum</i> recognizes a conserved <i>Phytophthora</i> effector. <i>Nature Plants</i> , 2021, 7, 198-208.	4.7	62
3203	The molecular targets of ivermectin and lotilaner in the human louse <i>Pediculus humanus humanus</i> : New prospects for the treatment of pediculosis. <i>PLoS Pathogens</i> , 2021, 17, e1008863.	2.1	20
3204	Cell-division pattern and phylogenetic analyses of a new ciliate genus <i>Parasincirra</i> n. g. (Protista,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2 <i>Bmc Ecology and Evolution</i> , 2021, 21, 21.	0.7	8
3205	Application of phylogenomic tools to unravel anthozoan evolution. <i>Coral Reefs</i> , 2022, 41, 475-495.	0.9	11
3206	Opinion: Iron, Climate Change and the “Brain Eating Amoeba” <i>Naegleria fowleri</i> . <i>Protist</i> , 2021, 172, 125791. 0.6	0.6	8
3207	Presence of a neprilysin on <i>Avicularia juruensis</i> (Mygalomorphae: Theraphosidae) venom. <i>Toxin Reviews</i> , 2022, 41, 370-379.	1.5	4
3208	Cytoplasmic Incompatibility Variations in Relation with <i>Wolbachia cid</i> Genes Divergence in <i>Culex pipiens</i> . <i>MBio</i> , 2021, 12, .	1.8	13
3209	Nosocomial transmission of a blaVIM-2 carbapenemase integron between isolates of two different <i>Pseudomonas</i> species. <i>Infection Control and Hospital Epidemiology</i> , 2021, , 1-3.	1.0	2

#	ARTICLE	IF	CITATIONS
3210	Proximity proteomics in a marine diatom reveals a putative cell surface-to-chloroplast iron trafficking pathway. <i>ELife</i> , 2021, 10, .	2.8	18
3211	Three founding ancestral genomes involved in the origin of sugarcane. <i>Annals of Botany</i> , 2021, 127, 827-840.	1.4	25
3212	An elongated COI fragment to discriminate botryllid species and as an improved ascidian DNA barcode. <i>Scientific Reports</i> , 2021, 11, 4078.	1.6	13
3213	Mantle Modularity Underlies the Plasticity of the Molluscan Shell: Supporting Data From <i>Cepaea nemoralis</i> . <i>Frontiers in Genetics</i> , 2021, 12, 622400.	1.1	5
3214	Phylogeny of <i>Catabacter hongkongensis</i> Strains Responsible for Bacteremia Is Not Associated with Clinical Outcomes or Therapeutic Efficacy. <i>Diseases (Basel, Switzerland)</i> , 2021, 9, 24.	1.0	4
3215	A coffee berry borer (<i>Hypothenemus hampei</i>) genome assembly reveals a reduced chemosensory receptor gene repertoire and male-specific genome sequences. <i>Scientific Reports</i> , 2021, 11, 4900.	1.6	8
3216	Genotypes and phylogenetic analysis of adenovirus in children with respiratory infection in Buenos Aires, Argentina (2000â€“2018). <i>PLoS ONE</i> , 2021, 16, e0248191.	1.1	7
3217	Extensive non-redundancy in a recently duplicated developmental gene family. <i>Bmc Ecology and Evolution</i> , 2021, 21, 33.	0.7	5
3218	A common bean truncated CRINKLY4 kinase controls gene-for-gene resistance to the fungus <i>Colletotrichum lindemuthianum</i> . <i>Journal of Experimental Botany</i> , 2021, 72, 3569-3581.	2.4	21
3219	Cocktail Therapy of Fosthiazate and Cupric-Ammonium Complex for Citrus Huanglongbing. <i>Frontiers in Plant Science</i> , 2021, 12, 643971.	1.7	11
3220	Novel Endosymbionts in Rhizarian Amoebae Imply Universal Infection of Unrelated Free-Living Amoebae by Legionellales. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 642216.	1.8	9
3221	The Effect of Oxygen Availability on Bacteriophage Infection: A Review. <i>Phage</i> , 2021, 2, 16-25.	0.8	2
3223	The â€œJack-of-all-Tradesâ€œ Flagellum From <i>Salmonella</i> and <i>E. coli</i> Was Horizontally Acquired From an Ancestral Î²-Proteobacterium. <i>Frontiers in Microbiology</i> , 2021, 12, 643180.	1.5	6
3224	Comparison of Current Methods for Signal Peptide Prediction in Phytoplasmata. <i>Frontiers in Microbiology</i> , 2021, 12, 661524.	1.5	15
3225	Functional Expression of TRPV1 Ion Channel in the Canine Peripheral Blood Mononuclear Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3177.	1.8	3
3226	Homology modeling in combination of phylogenetic assortment, a new approach to resolve the phylogeny of selected heterocystous cyanobacteria based on phycocyanin encoding <i>cpcBA-IGS</i> locus. <i>Vegetos</i> , 2021, 34, 339-354.	0.8	1
3227	Ancient Origin of Two 5S rDNA Families Dominating in the Genus <i>Rosa</i> and Their Behavior in the Canina-Type Meiosis. <i>Frontiers in Plant Science</i> , 2021, 12, 643548.	1.7	21
3228	Expansion and Diversification of Fluorescent Protein Genes in Fifteen <i>Acropora</i> Species during the Evolution of Acroporid Corals. <i>Genes</i> , 2021, 12, 397.	1.0	4

#	ARTICLE	IF	CITATIONS
3229	<i>Peronospora kuewa</i> , sp. nov., a new downy mildew species infecting the endangered Hawaiian plant <i>Plantago princeps</i> var. <i>princeps</i> . <i>Mycologia</i> , 2021, 113, 643-652.	0.8	1
3230	Emergence of Bat-Related Betacoronaviruses: Hazard and Risks. <i>Frontiers in Microbiology</i> , 2021, 12, 591535.	1.5	45
3231	Host specialization and molecular evidence support a distinct species of smut fungus, <i>Anthracoidea hallerianae</i> (Anthracoideaceae), on <i>Carex halleriana</i> (Cyperaceae). <i>Willdenowia</i> , 2021, 51, .	0.5	4
3232	Characterization of <i>Plasmodium falciparum</i> Pantothenate Kinase and Identification of Its Inhibitors From Natural Products. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 639065.	1.8	11
3233	Multiclonal spread of <i>Klebsiella pneumoniae</i> across hospitals in Khartoum, Sudan. <i>Journal of Global Antimicrobial Resistance</i> , 2021, 24, 241-245.	0.9	9
3234	Molecular species delimitation reveals high diversity in the mosquito <i>Anopheles tessellatus</i> Theobald, 1901 (Diptera, Culicidae) across its range. <i>Acta Tropica</i> , 2021, 215, 105799.	0.9	5
3235	Non-target Site Herbicide Resistance Is Conferred by Two Distinct Mechanisms in Black-Grass (<i>Alopecurus myosuroides</i>). <i>Frontiers in Plant Science</i> , 2021, 12, 636652.	1.7	37
3236	Isolation and Genetic Characterization of Puumala Orthohantavirus Strains from France. <i>Pathogens</i> , 2021, 10, 349.	1.2	2
3238	Characterization and Comparative Analyses of Mitochondrial Genomes in Single-Celled Eukaryotes to Shed Light on the Diversity and Evolution of Linear Molecular Architecture. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2546.	1.8	12
3239	SARS-CoV-2 outbreak in a tri-national urban area is dominated by a B.1 lineage variant linked to a mass gathering event. <i>PLoS Pathogens</i> , 2021, 17, e1009374.	2.1	36
3240	Genetic diversity of <i>Oxytropis</i> section <i>Xerobia</i> (Fabaceae) in one of the centres of speciation. <i>Genetica</i> , 2021, 149, 89-101.	0.5	8
3241	An emended subgenus <i>Myxacium</i> in the light of a global <i>Cortinarius</i> (Agaricales) phylogeny. <i>Mycological Progress</i> , 2021, 20, 247-260.	0.5	4
3242	Biogeographical patterns of amphibians and reptiles in the northernmost coastal montane complex of South America. <i>PLoS ONE</i> , 2021, 16, e0246829.	1.1	5
3243	<i>Fredericqia</i> (Phylloporaceae, Rhodophyta) in the northwestern Pacific, with the description of <i>Fredericqia chiharae</i> sp. nov. <i>Phycologia</i> , 2021, 60, 210-214.	0.6	0
3244	Microbial genetic and transcriptional contributions to oxalate degradation by the gut microbiota in health and disease. <i>ELife</i> , 2021, 10, .	2.8	30
3245	Isolation and Characterization of <i>Klebsiella</i> Phages for Phage Therapy. <i>Phage</i> , 2021, 2, 26-42.	0.8	36
3246	The mineral weathering ability of <i>Collimonas pratensis</i> PMB3(1) involves a Malleobactin-mediated iron acquisition system. <i>Environmental Microbiology</i> , 2022, 24, 784-802.	1.8	4
3247	Fatty acid photodecarboxylase is an ancient photoenzyme that forms hydrocarbons in the thylakoids of algae. <i>Plant Physiology</i> , 2021, 186, 1455-1472.	2.3	23

#	ARTICLE	IF	CITATIONS
3248	Antarctic <i>Rahnella inusitata</i> : A Producer of Cold-Stable Î²-Galactosidase Enzymes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4144.	1.8	8
3250	The absence of the caffeine synthase gene is involved in the naturally decaffeinated status of <i>Coffea humblotiana</i> , a wild species from Comoro archipelago. <i>Scientific Reports</i> , 2021, 11, 8119.	1.6	17
3251	<i>Salmonella</i> nomenclature in the genomic era: a time for change. <i>Scientific Reports</i> , 2021, 11, 7494.	1.6	30
3252	Cutaneous Leishmaniasis in Algeria; Highlight on the Focus of Mâ€™™Sila. <i>Microorganisms</i> , 2021, 9, 962.	1.6	11
3253	<i>Gouania willdenowi</i> is a teleost fish without immunoglobulin genes. <i>Molecular Immunology</i> , 2021, 132, 102-107.	1.0	8
3254	Novel Siphoviridae Bacteriophages Infecting <i>Bacteroides uniformis</i> Contain Diversity Generating Retroelement. <i>Microorganisms</i> , 2021, 9, 892.	1.6	7
3255	Bioinformatic Prediction of an tRNA ^{Sec} Gene Nested inside an Elongation Factor SelB Gene in Alphaproteobacteria. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4605.	1.8	2
3256	Genetic Diversity of Rice stripe necrosis virus and New Insights into Evolution of the Genus Benyvirus. <i>Viruses</i> , 2021, 13, 737.	1.5	9
3257	Elevated rates of horizontal gene transfer in the industrialized human microbiome. <i>Cell</i> , 2021, 184, 2053-2067.e18.	13.5	167
3258	Oak decaying wood harbors taxonomically and functionally different bacterial communities in sapwood and heartwood. <i>Soil Biology and Biochemistry</i> , 2021, 155, 108160.	4.2	12
3259	Macronuclear Plasticity in Two South American Populations of <i>Spirostomum</i> (Ciliophora). <i>Journal of Eukaryotic Microbiology</i> , 2021, 172, 125803.	0.6	2
3260	The N-terminus of an <i>Ustilagoidea virens</i> Ser-Thr-rich glycosylphosphatidylinositol-anchored protein elicits plant immunity as a MAMP. <i>Nature Communications</i> , 2021, 12, 2451.	5.8	25
3261	The smallest known heliozoans are the Erebor lineage (nom. clad. n.) inside <i>Microheliella maris</i> (Eukaryota, Diaphoretickes), with the amendment of <i>M. maris</i> diagnosis and description of <i>Berkeleyaesol magnus</i> gen. nov., comb. nov. (Eukaryota, incertae sedis). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	0.8	0
3262	New Insights Into Biomphalysin Gene Family Diversification in the Vector Snail <i>Biomphalaria glabrata</i> . <i>Frontiers in Immunology</i> , 2021, 12, 635131.	2.2	12
3263	Multiple substrate recognition by yeast diadenosine and diphosphoinositol polyphosphate phosphohydrolase through phosphate clamping. <i>Science Advances</i> , 2021, 7, .	4.7	12
3264	Malformation Disease in <i>Tabebuia rosea</i> (Rosy Trumpet) Caused by <i>Fusarium pseudocircinatum</i> in Mexico. <i>Plant Disease</i> , 2021, 105, 2822-2829.	0.7	4
3265	HIVâ€™1 subtypes and drug resistance in children during antiretroviral therapy in Brazil. <i>Journal of Medical Virology</i> , 2021, 93, 4908-4914.	2.5	1
3266	Novelties in <i>Lactifluus</i> subg. <i>Gymnocarpi</i> (Russulales, Basidiomycota) from Brazilian tropical forests. <i>Mycological Progress</i> , 2021, 20, 549-565.	0.5	4

#	ARTICLE	IF	CITATIONS
3267	Experimental exchange of paralogous domains in the MLH family provides evidence of sub-functionalization after gene duplication. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	0.8	2
3268	Systematic study of the genus <i>Compsilura</i> Bouché in Southeast and East Asia with morphological and molecular data (Diptera, Tachinidae). <i>Journal of Asia-Pacific Entomology</i> , 2021, 24, 285-296.	0.4	5
3269	Carbonic Anhydrases: An Ancient Tool in Calcareous Sponge Biomineralization. <i>Frontiers in Genetics</i> , 2021, 12, 624533.	1.1	6
3270	Characterization of the RNA-interference pathway as a tool for reverse genetic analysis in the nascent phototrophic endosymbiosis, <i>Paramecium bursaria</i> . <i>Royal Society Open Science</i> , 2021, 8, 210140.	1.1	6
3271	Building a cluster of NLR genes conferring resistance to pests and pathogens: the story of the Vat gene cluster in cucurbits. <i>Horticulture Research</i> , 2021, 8, 72.	2.9	14
3273	Fast Expansion of the Asian-Pacific Genotype of the Chikungunya Virus in Indonesia. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 631508.	1.8	4
3274	Semi-Quantitative Targeted Gas Chromatography-Mass Spectrometry Profiling Supports a Late Side-Chain Reductase Cycloartenol-to-Cholesterol Biosynthesis Pathway in Brown Algae. <i>Frontiers in Plant Science</i> , 2021, 12, 648426.	1.7	5
3275	DNA Barcoding Identifies Unknown Females and Larvae of <i>Fannia</i> R.-D. (Diptera: Fanniidae) from Carrion Succession Experiment and Case Report. <i>Insects</i> , 2021, 12, 381.	1.0	7
3277	Mechanism and dynamics of fatty acid photodecarboxylase. <i>Science</i> , 2021, 372, .	6.0	93
3278	On <i>Sistotremastrum</i> and similar-looking taxa (Trechisporales, Basidiomycota). <i>Mycological Progress</i> , 2021, 20, 453-476.	0.5	3
3279	Mutations that confer resistance to broadly-neutralizing antibodies define HIV-1 variants of transmitting mothers from that of non-transmitting mothers. <i>PLoS Pathogens</i> , 2021, 17, e1009478.	2.1	5
3280	Description of a metacercaria of a zoogonid trematode <i>Steganoderma</i> cf. <i>eamiqtrema</i> Blend and Racz, 2020 (Microphalloidea: Zoogonidae), with notes on the phylogenetic position of the genus <i>Steganoderma</i> Stafford, 1904, and resurrection of the subfamily <i>Lecithostaphylinae</i> Odhner, 1911. <i>Parasitology Research</i> , 2021, 120, 1669-1676.	0.6	4
3282	Molecular phylogeny and new light microscopic data of <i>Metchnikovella spiralis</i> (Microsporidia: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 26 elegans. <i>Parasitology</i> , 2021, 148, 779-786.	0.7	2
3283	Three new species of <i>Gromia</i> (Protista, Rhizaria) from western Greenland fjords. <i>Polar Biology</i> , 2021, 44, 1037-1053.	0.5	2
3284	The role of ion-transporting proteins in the evolution of salt tolerance in charophyte algae. <i>Journal of Phycology</i> , 2021, 57, 1014-1025.	1.0	7
3285	Demography reveals populational expansion of a recently extinct Iberian ungulate. <i>Zoosystematics and Evolution</i> , 2021, 97, 211-221.	0.4	3
3286	Enigmatic Evolutionary History of Porphobilinogen Deaminase in Eukaryotic Phototrophs. <i>Biology</i> , 2021, 10, 386.	1.3	2
3287	Molecular evidence of the avocado defense response to <i>Fusarium kuroshium</i> infection: a deep transcriptome analysis using RNA-Seq. <i>PeerJ</i> , 2021, 9, e11215.	0.9	10

#	ARTICLE	IF	CITATIONS
3288	De-novo Assembly of <i>Limnospira fusiformis</i> Using Ultra-Long Reads. <i>Frontiers in Microbiology</i> , 2021, 12, 657995.	1.5	3
3289	<i>Cardicola mediterraneus</i> n. sp. (Trematoda, Aporocotylidae): a new species infecting the gilthead seabream, <i>Sparus aurata</i> L., from the Western Mediterranean Sea. <i>Parasitology Research</i> , 2021, 120, 1949-1963.	0.6	7
3290	A phylogenetic assessment of <i>Pronoprymna</i> spp. (Digenea: Faustulidae) and Pacific and Antarctic representatives of the genus <i>Steringophorus</i> Odhner, 1905 (Digenea: Fellodistomidae), with description of a new species. <i>Journal of Natural History</i> , 2021, 55, 867-887.	0.2	7
3291	Control of the ecdysteroid level plays a crucial role in density-dependent metamorphosis in the giant mealworm beetle <i>Zophobas atratus</i> . <i>Developmental Biology</i> , 2021, 473, 71-79.	0.9	3
3292	Comparative genome sequencing reveals insights into the dynamics of <i>Wolbachia</i> in native and invasive cherry fruit flies. <i>Molecular Ecology</i> , 2021, 30, 6259-6272.	2.0	17
3294	Disentangling the aging gene expression network of termite queens. <i>BMC Genomics</i> , 2021, 22, 339.	1.2	10
3296	Molecular and physiological characterization of a crustacean cardioactive signaling system in a lophotrochozoan – the Pacific oyster (<i>Crassostrea gigas</i>): a role in reproduction and salinity acclimation. <i>Journal of Experimental Biology</i> , 2021, 224, .	0.8	5
3298	Genetic Diversity of <i>Botrytis cinerea</i> Revealed by Multilocus Sequencing, and Identification of <i>B. cinerea</i> Populations Showing Genetic Isolation and Distinct Host Adaptation. <i>Frontiers in Plant Science</i> , 2021, 12, 663027.	1.7	24
3299	A Survey Using High-Throughput Sequencing Suggests That the Diversity of Cereal and Barley Yellow Dwarf Viruses Is Underestimated. <i>Frontiers in Microbiology</i> , 2021, 12, 673218.	1.5	7
3300	The genomic history of the Aegean palatial civilizations. <i>Cell</i> , 2021, 184, 2565-2586.e21.	13.5	43
3301	The urban-adapted underground mosquito <i>Culex pipiens</i> form <i>molestus</i> maintains exogenously influenceable circadian rhythms. <i>Journal of Experimental Biology</i> , 2021, 224, .	0.8	21
3302	Salinity-induced Changes in Gene Expression in the Streptophyte Alga <i>Chara</i> : The Critical Role of a Rare Na ⁺ -ATPase. <i>Journal of Phycology</i> , 2021, 57, 1004-1013.	1.0	6
3303	Europe as a bridgehead in the worldwide invasion history of grapevine downy mildew, <i>Plasmopara viticola</i> . <i>Current Biology</i> , 2021, 31, 2155-2166.e4.	1.8	36
3304	Who Is <i>Dermanyssus gallinae</i> ? Genetic Structure of Populations and Critical Synthesis of the Current Knowledge. <i>Frontiers in Veterinary Science</i> , 2021, 8, 650546.	0.9	5
3305	Deciphering a Cyclodipeptide Synthase Pathway Encoding Prenylated Indole Alkaloids in <i>Streptomyces leeuwenhoekii</i> . <i>Applied and Environmental Microbiology</i> , 2021, 87, .	1.4	8
3306	Early Emergence of <i>Dickeya solani</i> Revealed by Analysis of <i>Dickeya</i> Diversity of Potato Blackleg and Soft Rot Causing Pathogens in Switzerland. <i>Microorganisms</i> , 2021, 9, 1187.	1.6	12
3307	Mapping our knowledge on birds of prey population genetics. <i>Conservation Genetics</i> , 2021, 22, 685-702.	0.8	6
3308	Homogeneous Cytochrome 579 Is an Octamer That Reacts Too Slowly With Soluble Iron to Be the Initial Iron Oxidase in the Respiratory Chain of <i>Leptospirillum ferriphilum</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 673066.	1.5	1

#	ARTICLE	IF	CITATIONS
3309	Community composition and functional prediction of prokaryotes associated with sympatric sponge species of southwestern Atlantic coast. <i>Scientific Reports</i> , 2021, 11, 9576.	1.6	9
3310	Sunscreen mucilage: a photoprotective adaptation found in terrestrial green algae (<i>Zygnematophyceae</i>). <i>European Journal of Phycology</i> , 2022, 57, 107-124.	0.9	11
3311	Comparative genomic insights into culturable symbiotic cyanobacteria from the water fern <i>Azolla</i> . <i>Microbial Genomics</i> , 2021, 7, .	1.0	19
3312	Full-length LTR retroelements in <i>Capsicum annuum</i> revealed a few species-specific family bursts with insertional preferences. <i>Chromosome Research</i> , 2021, 29, 261-284.	1.0	7
3313	<i>Lithothamnion</i> (<i>Hapalidiales</i> , <i>Rhodophyta</i>) in the changing Arctic and Subarctic: DNA sequencing of type and recent specimens provides a systematics foundation*. <i>European Journal of Phycology</i> , 2021, 56, 468-493.	0.9	13
3314	Genetic History of the Remnant Population of the Rare Orchid <i>Cypripedium calceolus</i> Based on Plastid and Nuclear rDNA. <i>Genes</i> , 2021, 12, 940.	1.0	1
3315	Media and strain studies for the scaled production of cis-enone resorcylic acid lactones as feedstocks for semisynthesis. <i>Journal of Antibiotics</i> , 2021, 74, 496-507.	1.0	7
3316	18S rRNA variability maps reveal three highly divergent, conserved motifs within <i>Rotifera</i> . <i>Bmc Ecology and Evolution</i> , 2021, 21, 118.	0.7	6
3317	A Molecular Perspective on Colistin and <i>Klebsiella pneumoniae</i> : Mode of Action, Resistance Genetics, and Phenotypic Susceptibility. <i>Diagnostics</i> , 2021, 11, 1165.	1.3	15
3318	Conservation of a DNA Replication Motif among Phylogenetically Distant Budding Yeast Species. <i>Genome Biology and Evolution</i> , 2021, 13, .	1.1	3
3319	Investigation of Tick-Borne Pathogens in <i>Ixodes ricinus</i> in a Peri-Urban Park in Lombardy (Italy) Reveals the Presence of Emerging Pathogens. <i>Pathogens</i> , 2021, 10, 732.	1.2	9
3320	Sporadic isolation of <i>Tetratrichomonas</i> species from the cattle urogenital tract. <i>Parasitology</i> , 2021, 148, 1339-1344.	0.7	2
3321	Mutational analysis of SARS-CoV-2 ORF8 during six months of COVID-19 pandemic. <i>Gene Reports</i> , 2021, 23, 101024.	0.4	32
3323	Sequence of the supernumerary B chromosome of maize provides insight into its drive mechanism and evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	25
3324	Time-resolved comparative molecular evolution of oxygenic photosynthesis. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2021, 1862, 148400.	0.5	44
3325	Ongoing evolution of <i>Chlamydia trachomatis</i> lymphogranuloma venereum: exploring the genomic diversity of circulating strains. <i>Microbial Genomics</i> , 2021, 7, .	1.0	11
3326	H ₂ -dependent formate production by hyperthermophilic <i>Thermococcales</i> : an alternative to sulfur reduction for reducing-equivalents disposal. <i>ISME Journal</i> , 2021, 15, 3423-3436.	4.4	5
3328	Identification and expression analysis of odorant-binding proteins and chemosensory proteins in the antennal transcriptome of <i>Yemma signatus</i> (Hsiao, 1974). <i>Phytoparasitica</i> , 2021, 49, 917.	0.6	4

#	ARTICLE	IF	CITATIONS
3329	Evolution of fibrinogen domain related proteins in <i>Aedes aegypti</i> : Their expression during Arbovirus infections. <i>Gene Reports</i> , 2021, 23, 101030.	0.4	0
3330	<i>Plasmodium ouropretensis</i> , n. sp., a new case of non-erythrocytic species within lizard malaria parasites. <i>Parasitology</i> , 2021, 148, 1467-1474.	0.7	1
3331	Concerted evolution reveals co-adapted amino acid substitutions in Na ⁺ K ⁺ -ATPase of frogs that prey on toxic toads. <i>Current Biology</i> , 2021, 31, 2530-2538.e10.	1.8	20
3332	Functional and transcriptomic investigation of laccase activity in the presence of PCB29 identifies two novel enzymes and the multicopper oxidase repertoire of a marine-derived fungus. <i>Science of the Total Environment</i> , 2021, 775, 145818.	3.9	16
3333	Multilocus phylogenies reveal three new truffle-like taxa and the traces of interspecific hybridization in Octaviania (Boletaceae, Boletales). <i>IMA Fungus</i> , 2021, 12, 14.	1.7	8
3335	Parasitic copepods <i>Caligus lacustris</i> (Copepoda: Caligidae) on the rainbow trout <i>Oncorhynchus mykiss</i> in cage aquaculture: morphology, population demography, and first insights into phylogenetic relationships. <i>Parasitology Research</i> , 2021, 120, 2455-2467.	0.6	2
3336	Taxonomic Revision of the Banana Fusarium Wilt TR4 Pathogen Is Premature. <i>Phytopathology</i> , 2021, 111, 2141-2145.	1.1	14
3337	Testing the genomic stability of the Brazilian yellow fever vaccine strain using next-generation sequencing data. <i>Interface Focus</i> , 2021, 11, 20200063.	1.5	4
3338	The Wnt-specific astacin proteinase HAS-7 restricts head organizer formation in Hydra. <i>BMC Biology</i> , 2021, 19, 120.	1.7	9
3339	Day and night regulation of the HO-1/HSP32 synthesis in the harmful dinoflagellate <i>Prorocentrum minimum</i> : response to salinity stress. <i>Journal of Experimental Marine Biology and Ecology</i> , 2021, 539, 151545.	0.7	1
3342	Identification of <i>Articuliths</i> ™ in a unique algal bed formation from Brazil and description of <i>Jania cabista</i> sp. nov. (Corallinales, Rhodophyta). <i>Phycologia</i> , 0, , 1-20.	0.6	2
3343	Panarthropod tiptop/teashirt and spalt orthologs and their potential role as <i>trunk</i> -selector genes. <i>EvoDevo</i> , 2021, 12, 7.	1.3	1
3344	Expanded host and geographic range of tadpole associations with the Severe Perkinsea Infection group. <i>Biology Letters</i> , 2021, 17, 20210166.	1.0	8
3345	Additions to the smut fungi of the Iberian Peninsula. <i>Anales Del Jardin Botanico De Madrid</i> , 2021, 78, e109.	0.2	0
3346	Dynamic Molecular Evolution of Mammalian Homeobox Genes: Duplication, Loss, Divergence and Gene Conversion Sculpt PRD Class Repertoires. <i>Journal of Molecular Evolution</i> , 2021, 89, 396-414.	0.8	9
3347	The family of sarcosine oxidases: Same reaction, different products. <i>Archives of Biochemistry and Biophysics</i> , 2021, 704, 108868.	1.4	9
3348	Phylogenetic affinities of Forticulcitinae (Haploporidae) parasites of mullet from the Americas, with the description of three new species and notes on the genera and key species. <i>Systematic Parasitology</i> , 2021, 98, 455-476.	0.5	1
3349	Integrative description of <i>Hypsibius repentinus</i> sp. nov. (Eutardigrada: Hypsibiidae) from Sweden. <i>Zoosystematica Rossica</i> , 2021, 30, 101-115.	0.2	2

#	ARTICLE	IF	CITATIONS
3350	Microbial Phosphorus Mobilization Strategies Across a Natural Nutrient Limitation Gradient and Evidence for Linkage With Iron Solubilization Traits. <i>Frontiers in Microbiology</i> , 2021, 12, 572212.	1.5	8
3351	Genomic contextualisation of ancient DNA molecular data from an Argentinian fifth pandemic <i>Vibrio cholerae</i> infection. <i>Microbial Genomics</i> , 2021, 7, .	1.0	0
3352	Characterization of transcriptomic response in ovules derived from inter-subgeneric hybridization in <i>Prunus</i> (Rosaceae) species. <i>Plant Reproduction</i> , 2021, 34, 255-266.	1.3	1
3353	Diversity and Activity of Aquatic Cellulolytic Bacteria Isolated from Sedimentary Water in the Littoral Zone of Tonle Sap Lake, Cambodia. <i>Water (Switzerland)</i> , 2021, 13, 1797.	1.2	3
3354	Biochemical and molecular responses of the Mediterranean mussel (<i>Mytilus galloprovincialis</i>) to short-term exposure to three commonly prescribed drugs. <i>Marine Environmental Research</i> , 2021, 168, 105309.	1.1	10
3355	Cryogenian Origin and Subsequent Diversification of the Plant Cell-Wall Enzyme XTH Family. <i>Plant and Cell Physiology</i> , 2021, 62, 1874-1889.	1.5	20
3356	<scp>RNA</scp> methyltransferase <scp>METTL16</scp>: Targets and function. <i>Wiley Interdisciplinary Reviews RNA</i> , 2022, 13, e1681.	3.2	47
3357	Antibiotic resistance and biofilm synthesis genes in airborne <i>Staphylococcus</i> in commercial aircraft cabins. <i>Aerobiologia</i> , 2021, 37, 733.	0.7	1
3358	Cryptic diversity in a neotropical avian species complex untangled by neglected genetic evidence. <i>Studies on Neotropical Fauna and Environment</i> , 0, , 1-8.	0.5	0
3359	<i>Entyloma eranthidis</i> sp. nov. on <i>Eranthis longistipitata</i> </i> from Uzbekistan. <i>Mycotaxon</i> , 2021, 136, 373-385.	0.1	1
3360	Adaptive divergence and post-zygotic barriers to gene flow between sympatric populations of a herbivorous mite. <i>Communications Biology</i> , 2021, 4, 853.	2.0	12
3361	Different evolutionary pathways of HIV-1 between fetus and mother perinatal transmission pairs indicate unique immune selection in fetuses. <i>Cell Reports Medicine</i> , 2021, 2, 100315.	3.3	2
3362	The Neotropical <i>Croton</i> sect. <i>Geiseleria</i> (Euphorbiaceae): Classification Update, Phylogenetic Framework, and Seven New Species from South America. <i>Annals of the Missouri Botanical Garden</i> , 0, 106, 111-166.	1.3	10
3363	<i>Clypifer cribrifer</i> gen. nov., sp. nov. (Clypiferidae fam. nov., Pterocystida, Centroplasthelida), with notes on evolution of centrohelid siliceous coverings. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	0.8	6
3364	Evolution of Toll, Spatzle and MyD88 in insects: the problem of the Diptera bias. <i>BMC Genomics</i> , 2021, 22, 562.	1.2	13
3365	Exceptional ancient DNA preservation and fibre remains of a Sasanian saltmine sheep mummy in ChehrĀbĀd, Iran. <i>Biology Letters</i> , 2021, 17, 20210222.	1.0	7
3366	Quantifying the effects of hydrogen on carbon assimilation in a seafloor microbial community associated with ultramafic rocks. <i>ISME Journal</i> , 2022, 16, 257-271.	4.4	12
3367	Discerning the role of a functional arsenic-resistance cassette in the evolution and adaptation of a rice pathogen. <i>Microbial Genomics</i> , 2021, 7, .	1.0	1

#	ARTICLE	IF	CITATIONS
3368	Genome size drives ecological breadth in Pomacentridae reef fishes. <i>Journal of Experimental Marine Biology and Ecology</i> , 2021, 540, 151544.	0.7	3
3369	Endemic Jeffrey Pine Beetle Associates: Beetle/Mite Fungal Dissemination Strategies and Interactions That May Influence Beetle Population Levels. <i>Microorganisms</i> , 2021, 9, 1641.	1.6	1
3370	Identification of a novel bifunctional uracil DNA glycosylase from <i>Thermococcus barophilus</i> Ch5. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 5449-5460.	1.7	6
3371	The enigmatic biogeography of Tobago's marooned relics: The case study of a fossorial snake (<i>Squamata</i> , <i>Dipsadidae</i>). <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2021, 59, 1382-1389.	0.6	2
3372	Evolution of a neuromuscular sexual dimorphism in the <i>Drosophila montium</i> species group. <i>Scientific Reports</i> , 2021, 11, 15272.	1.6	3
3373	Taxonomy and Molecular Phylogeny of Two New Urostyleid Ciliates (Protozoa: Ciliophora) From Chinese Wetlands and Establishment of a New Genus. <i>Frontiers in Microbiology</i> , 2021, 12, 707954.	1.5	6
3374	Major loss of coralline algal diversity in response to ocean acidification. <i>Global Change Biology</i> , 2021, 27, 4785-4798.	4.2	22
3375	Phylogenetic relationships of <i>Sphaeromides Dollfus</i> , 1897 (Crustacea: Isopoda: Cirolanidae) and some related taxa, with new considerations about <i>Trogloaega Brian</i> , 1923. <i>Journal of Natural History</i> , 2021, 55, 1663-1679.	0.2	0
3376	An Overview of 24 Years of Molecular Phylogenetic Studies in Phallales (Basidiomycota) With Notes on Systematics, Geographic Distribution, Lifestyle, and Edibility. <i>Frontiers in Microbiology</i> , 2021, 12, 689374.	1.5	5
3378	Bioprospecting Antiproliferative Marine Microbiota From Submarine Volcano Tagoro. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	4
3379	Male Differentiation in the Marine Copepod <i>Oithona nana</i> Reveals the Development of a New Nervous Ganglion and Lin12-Notch-Repeat Protein-Associated Proteolysis. <i>Biology</i> , 2021, 10, 657.	1.3	1
3380	The long-time orphan protist <i>Meringosphaera mediterranea</i> Lohmann, 1902 [1903] is a centrohelid heliozoan. <i>Journal of Eukaryotic Microbiology</i> , 2021, 68, e12860.	0.8	4
3381	Ecology, Morphology, Phylogeny and Taxonomic Revision of Giant Radiolarians, <i>Orodaria</i> ord. nov. (<i>Radiolaria</i> ; <i>Rhizaria</i> ; <i>SAR</i>). <i>Protist</i> , 2021, 172, 125808.	0.6	6
3382	Remotely sensed between-individual functional trait variation in a temperate forest. <i>Ecology and Evolution</i> , 2021, 11, 10834-10867.	0.8	13
3383	Description of the marine predator <i>Sericomyxa perlucida</i> gen. et sp. nov., a cultivated representative of the deepest branching lineage of vampyrellid amoebae (<i>Vampyrellida</i> , <i>Rhizaria</i>). <i>Journal of Eukaryotic Microbiology</i> , 2021, 68, e12864.	0.8	6
3384	A Morpho-molecular Perspective on the Diversity and Evolution of <i>Spumellaria</i> (<i>Radiolaria</i>). <i>Protist</i> , 2021, 172, 125806.	0.6	10
3385	Human and Animal <i>Dirofilariasis</i> in Southeast of France. <i>Microorganisms</i> , 2021, 9, 1544.	1.6	9
3386	<i>Lithophyllum artabricum</i> V. Peñã, sp. nov. (<i>Corallinales</i> , <i>Rhodophyta</i>): A Cryptic Species in the Atlantic Iberian Peninsula Hitherto Assigned to <i>Lithophyllum stictiforme</i> (Areschoug) Hauck. <i>Cryptogamie, Algologie</i> , 2021, 42, .	0.3	2

#	ARTICLE	IF	CITATIONS
3387	Genomic characterization of sporadic isolates of the dominant clone of <i>Mycobacterium abscessus</i> subspecies <i>massiliense</i> . <i>Scientific Reports</i> , 2021, 11, 15336.	1.6	11
3388	Description of the Fifth New Species of <i>Russula</i> subsect. <i>Maculatinae</i> from Pakistan Indicates Local Diversity Hotspot of Ectomycorrhizal Fungi in Southwestern Himalayas. <i>Life</i> , 2021, 11, 662.	1.1	2
3389	Strong host-specific selection and over-dominance characterize arbuscular mycorrhizal fungal root colonizers of coastal sand dune plants of the Mediterranean region. <i>FEMS Microbiology Ecology</i> , 2021, 97, .	1.3	7
3390	Homogeneity and Possible Replacement of Populations of the Dengue Vectors <i>Aedes aegypti</i> and <i>Aedes albopictus</i> in Indonesia. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 705129.	1.8	5
3391	Identification and molecular characterization of oomycete isolates from trout farms in Croatia, and their upstream and downstream water environments. <i>Aquaculture</i> , 2021, 540, 736652.	1.7	12
3392	<i>Caloplaca tephromelae</i> (Teloschistaceae), a new lichenicolous species from Tasmania. <i>Lichenologist</i> , 2021, 53, 317-325.	0.5	0
3393	Bioprospecting of cyanobacterium in Chilean coastal desert, <i>Geitlerinema</i> sp. molecular identification and pressurized liquid extraction of bioactive compounds. <i>Food and Bioproducts Processing</i> , 2021, 128, 227-239.	1.8	17
3394	“Pink round stones” rhodolith beds: an overlooked habitat in Madeira Archipelago. <i>Biodiversity and Conservation</i> , 2021, 30, 3359-3383.	1.2	9
3395	The evolution of the phenylpropanoid pathway entailed pronounced radiations and divergences of enzyme families. <i>Plant Journal</i> , 2021, 107, 975-1002.	2.8	67
3396	Two isoforms of the essential <i>C. elegans</i> Argonaute CSR-1 differentially regulate sperm and oocyte fertility. <i>Nucleic Acids Research</i> , 2021, 49, 8836-8865.	6.5	23
3397	Lentic and lotic environments affect morphological diversity in characiformes fishes in the Neotropical São Francisco River Basin, Brazil. <i>Environmental Biology of Fishes</i> , 2021, 104, 977-987.	0.4	3
3398	Species delimitation and phylogenetic analyses reveal cryptic diversity within <i>Cerebratulus marginatus</i> (Nemertea: Pilidiophora). <i>Systematics and Biodiversity</i> , 0, , 1-11.	0.5	2
3399	The apicoplast of <i>Haemoproteus columbae</i> : A comparative study of this organelle genome in Haemosporida. <i>Molecular Phylogenetics and Evolution</i> , 2021, 161, 107185.	1.2	8
3400	Morpho-anatomical and molecular reassessments of <i>Rhodymenia prostrata</i> (Rhodymeniaceae.) <i>Tj ETQq1 1 0.784314 rgBT /Over</i> 2021, 60, 582-588.	0.6	2
3401	Feminising <i>Wolbachia</i> disrupt <i>Armadillidium vulgare</i> insulin-like signalling pathway. <i>Cellular Microbiology</i> , 2021, 23, e13381.	1.1	3
3402	Genome Evolution in Bacteria Isolated from Million-Year-Old Subseafloor Sediment. <i>MBio</i> , 2021, 12, e0115021.	1.8	9
3404	Giant spoon worms pumped out of their deep burrows: First collection of the main bodies of <i>Ikeda taenioides</i> (Annelida: Thalassematidae: Bonelliinae) in 88 years. <i>Plankton and Benthos Research</i> , 2021, 16, 155-164.	0.2	0
3405	Aln2tbl: building a mitochondrial features table from a assembly alignment in fasta format. <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 2732-2735.	0.2	0

#	ARTICLE	IF	CITATIONS
3406	The genomic epidemiology of multi-drug resistant invasive non-typhoidal <i>Salmonella</i> in selected sub-Saharan African countries. <i>BMJ Global Health</i> , 2021, 6, e005659.	2.0	16
3407	<i>Hemiselmis aquamarina</i> sp. nov. (Cryptomonadales, Cryptophyceae), A Cryptophyte with A Novel Phycobiliprotein Type (Cr-PC 564). <i>Protist</i> , 2021, 172, 125832.	0.6	4
3408	New Contributions to the Diversity of Hypotrichous Ciliates: Description of a New Genus and Two New Species (Protozoa, Ciliophora). <i>Frontiers in Microbiology</i> , 2021, 12, 712269.	1.5	4
3409	First molecular characterization of poxviruses in cattle, sheep, and goats in Botswana. <i>Virology Journal</i> , 2021, 18, 167.	1.4	8
3410	Transcriptome Profiling of the Pacific Oyster <i>Crassostrea gigas</i> Visceral Ganglia over a Reproduction Cycle Identifies Novel Regulatory Peptides. <i>Marine Drugs</i> , 2021, 19, 452.	2.2	4
3412	Multilocus sequence typing (MLST) of <i>Entamoeba histolytica</i> identifies <i>kerp2</i> as a genetic marker associated with disease outcomes. <i>Parasitology International</i> , 2021, 83, 102370.	0.6	4
3413	Chikungunya nsP4 homology modeling reveals a common motif with Zika and Dengue RNA polymerases as a potential therapeutic target. <i>Journal of Molecular Modeling</i> , 2021, 27, 247.	0.8	4
3414	DNA methylation atlas and machinery in the developing and regenerating annelid <i>Platynereis dumerilii</i> . <i>BMC Biology</i> , 2021, 19, 148.	1.7	18
3415	Insight into the bacterial communities of the subterranean aphid <i>Anoecia corni</i> . <i>PLoS ONE</i> , 2021, 16, e0256019.	1.1	0
3416	First Coronavirus Active Survey in Rodents From the Canary Islands. <i>Frontiers in Veterinary Science</i> , 2021, 8, 708079.	0.9	7
3417	Single-Strand Conformation Polymorphism Fingerprint Method for Dictyostelids. <i>Frontiers in Microbiology</i> , 2021, 12, 708685.	1.5	2
3418	Positive selection as a key player for SARS-CoV-2 pathogenicity: Insights into ORF1ab, S and E genes. <i>Virus Research</i> , 2021, 302, 198472.	1.1	27
3420	<i>Amblyomma aureolatum</i> Genetic Diversity and Population Dynamics Are Not Related to Spotted Fever Epidemiological Scenarios in Brazil. <i>Pathogens</i> , 2021, 10, 1146.	1.2	4
3422	<i>Xanthomonas sontii</i> sp. nov., a non-pathogenic bacterium isolated from healthy basmati rice (<i>Oryza</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 0.7 822	0.7	822
3423	Morphological and molecular characterization of <i>Ameloblastella pirarara</i> sp. n. (Monogenoidea: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 10 Pathogenesis, 2021, 158, 105077.	1.3	2
3424	Prokaryotic diversity and activity in contrasting productivity regimes in late summer in the Kerguelen region (Southern Ocean). <i>Journal of Marine Systems</i> , 2021, 221, 103561.	0.9	6
3425	Genetic Connectivity of Seamount Populations of Bluenose Warehou (<i>Hyperoglyphe antarctica</i>). <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	0
3426	Epistatic interactions promote persistence of NS3-Q80K in HCV infection by compensating for protein folding instability. <i>Journal of Biological Chemistry</i> , 2021, 297, 101031.	1.6	2

#	ARTICLE	IF	CITATIONS
3427	Comparative transcriptome analysis at the onset of speciation in a mimetic butterflyâ€™The Ithomiini <i>Melinaea marsaeus</i>. <i>Journal of Evolutionary Biology</i> , 2021, 34, 1704-1721.	0.8	2
3428	Growth Promotion of Rapeseed (<i>Brassica napus</i> L.) and Blackleg Disease (<i>Leptosphaeria maculans</i>) Suppression Mediated by Endophytic Bacteria. <i>Agronomy</i> , 2021, 11, 1966.	1.3	10
3429	The ADP-glucose pyrophosphorylase from Melainabacteria: a comparative study between photosynthetic and non-photosynthetic bacterial sources. <i>Biochimie</i> , 2022, 192, 30-37.	1.3	3
3430	Presence of male mitochondria in somatic tissues and their functional importance at the whole animal level in the marine bivalve <i>Arctica islandica</i> . <i>Communications Biology</i> , 2021, 4, 1104.	2.0	3
3431	Spread of Mink SARS-CoV-2 Variants in Humans: A Model of Sarbecovirus Interspecies Evolution. <i>Frontiers in Microbiology</i> , 2021, 12, 675528.	1.5	35
3433	Is scaleâ€™s structure still a good character to delimitate species of Amoebozoa? case of the genus <i>Korotnevela</i> (Amoebozoa, Dactylopodida). <i>Organisms Diversity and Evolution</i> , 0, , 1.	0.7	1
3434	Puumala Virus Variants Circulating in Forests of Ardennes, France: Ten Years of Genetic Evolution. <i>Pathogens</i> , 2021, 10, 1164.	1.2	1
3435	Expression and Functional Analyses of <i>Nymphaea caerulea</i> MADS-Box Genes Contribute to Clarify the Complex Flower Patterning of Water Lilies. <i>Frontiers in Plant Science</i> , 2021, 12, 730270.	1.7	5
3436	Truly ubiquitous CRESS DNA viruses scattered across the eukaryotic tree of life. <i>Journal of Evolutionary Biology</i> , 2021, 34, 1901-1916.	0.8	13
3438	Identification and characterization of expression profiles of neuropeptides and their GPCRs in the swimming crab, <i>Portunus trituberculatus</i>. <i>PeerJ</i> , 2021, 9, e12179.	0.9	5
3439	The thermal proteome stability profile of <i>Trypanosoma cruzi</i> in epimastigote and trypomastigote life stages. <i>Journal of Proteomics</i> , 2021, 248, 104339.	1.2	5
3440	Solving the Coral Species Delimitation Conundrum. <i>Systematic Biology</i> , 2022, 71, 461-475.	2.7	16
3441	Large-scale genomic analysis of antimicrobial resistance in the zoonotic pathogen <i>Streptococcus suis</i> . <i>BMC Biology</i> , 2021, 19, 191.	1.7	26
3442	Heimdallarchaea encodes profilin with eukaryotic-like actin regulation and polyproline binding. <i>Communications Biology</i> , 2021, 4, 1024.	2.0	11
3443	Phylogenetic Relationships of the Species of Asian Russia of the Subgenera <i>Phacoxytropis</i> and <i>Tragacanthoxytropis</i> Genus <i>Oxytropis</i> Based on the Polymorphism of Markers of the Chloroplast and Nuclear Genomes. <i>Russian Journal of Genetics</i> , 2021, 57, 1042-1056.	0.2	3
3444	Is Toxin-Producing <i>Planktothrix</i> sp. an Emerging Species in Lake Constance?. <i>Toxins</i> , 2021, 13, 666.	1.5	9
3445	The wastewater protist <i>Rhogostoma minus</i> (Thecofilosea, Rhizaria) is abundant, widespread, and hosts Legionellales. <i>Water Research</i> , 2021, 203, 117566.	5.3	11
3446	<i>Acidisoma silvae</i> sp. nov. and <i>Acidisomacellulosilytica</i> sp. nov., Two Acidophilic Bacteria Isolated from Decaying Wood, Hydrolyzing Cellulose and Producing Poly-3-hydroxybutyrate. <i>Microorganisms</i> , 2021, 9, 2053.	1.6	12

#	ARTICLE	IF	CITATIONS
3447	Taxonomy and Phylogeny of the Dileptid Ciliate Genus <i>Paradileptus</i> (Protista: Ciliophora), With a Brief Review and Redescriptions of Two Species Isolated From a Wetland in Northern China. <i>Frontiers in Microbiology</i> , 2021, 12, 709566.	1.5	4
3448	Weeds Harbor <i>Fusarium</i> Species that Cause Malformation Disease of Economically Important Trees in Western Mexico. <i>Plant Disease</i> , 2022, 106, 612-622.	0.7	1
3449	Origin of COVID-19: Dismissing the Mojiang mine theory and the laboratory accident narrative. <i>Environmental Research</i> , 2022, 204, 112141.	3.7	15
3450	<i>Anaerocolumna chitinilytica</i> sp. nov., a chitin-decomposing anaerobic bacterium isolated from anoxic soil subjected to biological soil disinfection. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	0.8	10
3451	Functional impairment of HIV-specific CD8+ T cells precedes aborted spontaneous control of viremia. <i>Immunity</i> , 2021, 54, 2372-2384.e7.	6.6	20
3452	<i>Aggregata polibraxiona</i> n. sp. (Apicomplexa: Aggregatidae) from <i>Octopus bimaculatus</i> Verrill, 1883 (Mollusca: Cephalopoda) from the Gulf of California, Mexico. <i>European Journal of Protistology</i> , 2021, 81, 125825.	0.5	5
3453	Phylogeny and evolution of mycophagy in the <i>Zygothrica</i> genus group (Diptera: Drosophilidae). <i>Molecular Phylogenetics and Evolution</i> , 2021, 163, 107257.	1.2	11
3454	Complex evolutionary history of felid anelloviruses. <i>Virology</i> , 2021, 562, 176-189.	1.1	13
3455	The Emergence of the New P.4 Lineage of SARS-CoV-2 With Spike L452R Mutation in Brazil. <i>Frontiers in Public Health</i> , 2021, 9, 745310.	1.3	8
3456	The large mimosoid genus <i>Inga</i> Mill. (tribe Ingeae, Caesalpinioideae) is nodulated by diverse <i>Bradyrhizobium</i> strains in its main centers of diversity in Brazil. <i>Systematic and Applied Microbiology</i> , 2021, 44, 126268.	1.2	5
3457	The power of two: An artificial microbial consortium for the conversion of inulin into Polyhydroxyalkanoates. <i>International Journal of Biological Macromolecules</i> , 2021, 189, 494-502.	3.6	16
3458	Design and structural bioinformatic analysis of polypeptide antigens useful for the SRLV serodiagnosis. <i>Journal of Virological Methods</i> , 2021, 297, 114266.	1.0	2
3459	Revisiting the Cool family, a potential chaperone for nickel delivery to [NiFe] carbon monoxide dehydrogenase. <i>Journal of Inorganic Biochemistry</i> , 2021, 225, 111588.	1.5	1
3460	Negligible evidence for detrimental effects of <i>Leucocytozoon</i> infections among Emperor Geese (<i>Anser</i>) Tj ETQq1 1 0.784314 rgBT /Over <i>Parasites and Wildlife</i> , 2021, 16, 103-112.	0.6	2
3461	Elimination of aromatic fusel alcohols as by-products of <i>Saccharomyces cerevisiae</i> strains engineered for phenylpropanoid production by 2-oxo-acid decarboxylase replacement. <i>Metabolic Engineering Communications</i> , 2021, 13, e00183.	1.9	1
3462	The Neighborhood of the Spike Gene Is a Hotspot for Modular Intertypic Homologous and Nonhomologous Recombination in Coronavirus Genomes. <i>Molecular Biology and Evolution</i> , 2022, 39, .	3.5	30
3464	Genome-wide macroevolutionary signatures of key innovations in butterflies colonizing new host plants. <i>Nature Communications</i> , 2021, 12, 354.	5.8	43
3465	Conserved sequence motifs in human TMTC1, TMTC2, TMTC3, and TMTC4, new O-mannosyltransferases from the GT-C/PMT clan, are rationalized as ligand binding sites. <i>Biology Direct</i> , 2021, 16, 4.	1.9	9

#	ARTICLE	IF	CITATIONS
3466	Phylogenetic diversity, trichothecene potential, and pathogenicity within <i>Fusarium sambucinum</i> species complex. <i>PLoS ONE</i> , 2021, 16, e0245037.	1.1	49
3467	Physicochemical Properties of Photoconvertible Fluorescent Protein from <i>Montastraea cavernosa</i> . <i>Russian Journal of Bioorganic Chemistry</i> , 2021, 47, 244-251.	0.3	1
3468	Evolutionary relationships of <i>Metchnikovella dogieli</i> Paskerova et al., 2016 (Microsporidia: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 667 Td 525-534.	0.6	6
3469	Nitrate-induced CLE35 signaling peptides inhibit nodulation through the SUNN receptor and miR2111 repression. <i>Plant Physiology</i> , 2021, 185, 1216-1228.	2.3	37
3470	Integrative taxonomy of West African <i>Magelona</i> (Annelida: Magelonidae): species with thoracic pigmentation. <i>Zoological Journal of the Linnean Society</i> , 2022, 194, 1134-1176.	1.0	1
3471	Origin of the Phosphoprotein Phosphatase (PPP) sequence family in Bacteria: Critical ancestral sequence changes, radiation patterns and substrate binding features. <i>BBA Advances</i> , 2021, 1, 100005.	0.7	3
3473	<i>Streptomyces gossypiisoli</i> sp. nov., isolated from cotton soil in Xinjiang, PR China. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	0.8	4
3475	High dispersal capacity and biogeographic breaks shape the genetic diversity of a globally distributed reef-dwelling calcifier. <i>Ecology and Evolution</i> , 2020, 10, 5976-5989.	0.8	18
3476	Seaview Version 5: A Multiplatform Software for Multiple Sequence Alignment, Molecular Phylogenetic Analyses, and Tree Reconciliation. <i>Methods in Molecular Biology</i> , 2021, 2231, 241-260.	0.4	79
3477	Aligning Protein-Coding Nucleotide Sequences with MACSE. <i>Methods in Molecular Biology</i> , 2021, 2231, 51-70.	0.4	11
3478	Identifying Conjugative Plasmids and Integrative Conjugative Elements with CONJscan. <i>Methods in Molecular Biology</i> , 2020, 2075, 265-283.	0.4	51
3479	Molecular Phylogeny of Entomopathogens. <i>Sustainability in Plant and Crop Protection</i> , 2019, , 43-113.	0.2	6
3480	Identification of Distinctive Variants of the Olive Pollen Allergen Ole e 5 (Cu,Zn Superoxide) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 267 Td Science, 2015, , 460-470.	1.0	2
3481	An update to modern taxonomy (2011) of freshwater planktic heterocytous cyanobacteria. , 2012, , 327-351.		2
3482	Co-circulation of Araraquara and Juquitiba Hantavirus in Brazilian Cerrado. <i>Microbial Ecology</i> , 2018, 75, 783-789.	1.4	8
3483	Temporal analysis of the microbial communities in a nitrate-contaminated aquifer and the co-occurrence of anammox, n-damo and nitrous-oxide reducing bacteria. <i>Journal of Contaminant Hydrology</i> , 2020, 234, 103657.	1.6	13
3484	Ultrastructure and distribution of kleptoplasts in benthic foraminifera from shallow-water (photic) habitats. <i>Marine Micropaleontology</i> , 2018, 138, 46-62.	0.5	49
3485	A phylogenetic study of <i>Haemocystidium</i> parasites and other Haemosporida using complete mitochondrial genome sequences. <i>Infection, Genetics and Evolution</i> , 2020, 85, 104576.	1.0	9

#	ARTICLE	IF	CITATIONS
3486	Anaerobic oxidation of methane and associated microbiome in anoxic water of Northwestern Siberian lakes. <i>Science of the Total Environment</i> , 2020, 736, 139588.	3.9	67
3487	The tropics as an ancient cradle of oribatid mite diversity. <i>Acarologia</i> , 0, 57, 309-322.	0.2	16
3488	PACAP is a pathogen-inducible resident antimicrobial neuropeptide affording rapid and contextual molecular host defense of the brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	26
3489	Extensive plastid-nuclear discordance in a recent radiation of <i>Nicotiana</i> section <i>Suaveolentes</i> (Solanaceae). <i>Botanical Journal of the Linnean Society</i> , 2020, 193, 546-559.	0.8	19
3490	Exploring the abundance, metabolic potential and gene expression of subseafloor Chloroflexi in million-year-old oxic and anoxic abyssal clay. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	1.3	34
3491	First Report of <i>Orobanche laxissima</i> Parasitizing <i>Palisade™ Ash</i> (<i>Fraxinus pallisiae</i>) in Georgia. <i>Plant Disease</i> , 2020, 104, 1878-1878.	0.7	4
3492	<i>Chlamydia trachomatis</i> Genotypes Among Men Who Have Sex With Men in Australia. <i>Sexually Transmitted Diseases</i> , 2011, 38, 279-285.	0.8	34
3493	<i>Mesorhizobium waimense</i> sp. nov. isolated from <i>Sophora longicarinata</i> root nodules and <i>Mesorhizobium cantuariense</i> sp. nov. isolated from <i>Sophora microphylla</i> root nodules. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 3419-3426.	0.8	35
3494	<i>Paraglycomyces xinjiangensis</i> gen. nov., sp. nov., a halophilic actinomycete. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 4263-4269.	0.8	9
3495	<i>Halorubrum halodurans</i> sp. nov., an extremely halophilic archaeon isolated from a hypersaline lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 435-444.	0.8	16
3496	<i>Mesorhizobium calcicola</i> sp. nov., <i>Mesorhizobium waitakense</i> sp. nov., <i>Mesorhizobium sophorae</i> sp. nov., <i>Mesorhizobium newzealandense</i> sp. nov. and <i>Mesorhizobium kowhailii</i> sp. nov. isolated from <i>Sophora</i> root nodules. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 786-795.	0.8	49
3497	<i>Streptomyces indoligenes</i> sp. nov., isolated from rhizosphere soil of <i>Populus euphratica</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 2424-2428.	0.8	10
3498	<i>Wickerhamomyces orientalis</i> f.a., sp. nov.: an ascomycetous yeast species belonging to the <i>Wickerhamomyces</i> clade. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 2534-2539.	0.8	5
3499	<i>Pyrococcus kukulkanii</i> sp. nov., a hyperthermophilic, piezophilic archaeon isolated from a deep-sea hydrothermal vent. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 3142-3149.	0.8	22
3500	<i>Varunaivibrio sulfuroxidans</i> gen. nov., sp. nov., a facultatively chemolithoautotrophic, mesophilic alphaproteobacterium from a shallow-water gas vent at Tor Caldara, Tyrrhenian Sea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 3579-3584.	0.8	19
3501	<i>Rhizobium altiplani</i> sp. nov., isolated from effective nodules on <i>Mimosa pudica</i> growing in untypically alkaline soil in central Brazil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 4118-4124.	0.8	52
3502	<i>Mycobacterium talmoniae</i> sp. nov., a slowly growing mycobacterium isolated from human respiratory samples. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 2640-2645.	0.8	10
3503	Proposal of 'Candidatus <i>Frankia californiensis</i> ', the uncultured symbiont in nitrogen-fixing root nodules of a phylogenetically broad group of hosts endemic to western North America. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 3706-3715.	0.8	28

#	ARTICLE	IF	CITATIONS
3504	Molecular characterization and phylogeny of four new species of the genus <i>Trichonympha</i> (<i>Parabasalia</i> , <i>Trichonympha</i>) from lower termite hindguts. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 3570-3575.	0.8	12
3505	<i>Streptomyces boninensis</i> sp. nov., isolated from soil from a limestone cave in the Ogasawara Islands. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 1795-1799.	0.8	15
3506	<i>Streptomyces aqsuensis</i> sp. nov., isolated from ditch sediment in Xinjiang, China. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 2178-2182.	0.8	6
3507	Symbiotic and non-symbiotic <i>Paraburkholderia</i> isolated from South African <i>Lebeckia ambigua</i> root nodules and the description of <i>Paraburkholderia fynbosensis</i> sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 2607-2614.	0.8	28
3508	<i>Penicillium tunisiense</i> sp. nov., a novel species of <i>Penicillium</i> section <i>Ramosa</i> discovered from Tunisian orchard apples. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 3217-3225.	0.8	8
3509	<i>Mesorhizobium carmichaelinearum</i> sp. nov., isolated from <i>Carmichaelia</i> spp. root nodules. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 146-152.	0.8	11
3510	<i>Pectobacterium aquaticum</i> sp. nov., isolated from waterways. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 745-751.	0.8	64
3511	Genome-based taxonomic classification within the family <i>Thermoactinomycetaceae</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 2028-2036.	0.8	33
3512	Elevation of <i>Pectobacterium carotovorum</i> subsp. <i>odoriferum</i> to species level as <i>Pectobacterium odoriferum</i> sp. nov., proposal of <i>Pectobacterium brasiliense</i> sp. nov. and <i>Pectobacterium actinidiae</i> sp. nov., emended description of <i>Pectobacterium carotovorum</i> and description of <i>Pectobacterium versatile</i> sp. nov., isolated from streams and symptoms on diverse plants. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 3207-3216.	0.8	148
3513	<i>Bradyrhizobium niftali</i> sp. nov., an effective nitrogen-fixing symbiont of partridge pea [<i>Chamaecrista fasciculata</i> (Michx.) Greene], a native caesalpinoid legume broadly distributed in the USA. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 3448-3459.	0.8	21
3514	<i>Streptomyces roseicoloratus</i> sp. nov., isolated from cotton soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 738-743.	0.8	8
3515	<i>Bradyrhizobium ivorense</i> sp. nov. as a potential local bioinoculant for <i>Cajanus cajan</i> cultures in Côte d'Ivoire. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 1421-1430.	0.8	17
3516	<i>Methylicorpusculum oleiharenae</i> gen. nov., sp. nov., an aerobic methanotroph isolated from an oil sands tailings pond. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 2499-2508.	0.8	10
3517	<i>Dickeya poaceiphila</i> sp. nov., a plant-pathogenic bacterium isolated from sugar cane (<i>Saccharum</i>) Tj ETQq1 1 0.784314 rgBT / Overlook	0.8	30
3518	<i>Ovalopodium rosalinum</i> sp. nov., <i>Planopodium haveli</i> gen. nov, sp. nov., <i>Planopodium desertum</i> comb. nov. and new insights into phylogeny of the deeply branching members of the order <i>Himantozoa</i> (<i>Amoebozoa</i>). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 71, .	0.8	3
3519	Additional heritable virus in the parasitic wasp <i>Leptopilina boulardi</i> : prevalence, transmission and phenotypic effects. <i>Journal of General Virology</i> , 2016, 97, 523-535.	1.3	33
3520	A novel simian retrovirus subtype discovered in cynomolgus monkeys (<i>Macaca fascicularis</i>). <i>Journal of General Virology</i> , 2016, 97, 3017-3023.	1.3	9
3521	Whole-genome sequences of <i>Odocoileus hemionus</i> deer adenovirus isolates from deer, moose and elk are highly conserved and support a new species in the genus <i>Atadenovirus</i> . <i>Journal of General Virology</i> , 2017, 98, 2320-2328.	1.3	12

#	ARTICLE	IF	CITATIONS
3522	Isolation and full-genome sequences of Japanese encephalitis virus genotype I strains from Cambodian human patients, mosquitoes and pigs. <i>Journal of General Virology</i> , 2017, 98, 2287-2296.	1.3	16
3523	Molecular evolution and phylogeography of infectious hematopoietic necrosis virus with a focus on its presence in France over the last 30 years. <i>Journal of General Virology</i> , 2017, 98, 2438-2446.	1.3	10
3524	Characterization of five unclassified orthobunyaviruses (Bunyaviridae) from Africa and the Americas. <i>Journal of General Virology</i> , 2017, 98, 2258-2266.	1.3	13
3525	Genome sequence and analysis of resistance and virulence determinants in a strain of <i>Neisseria mucosa</i> causing native-valve endocarditis. <i>JMM Case Reports</i> , 2015, 2, .	1.3	2
3526	<i>Vibrio cholerae</i> genomic diversity within and between patients. <i>Microbial Genomics</i> , 2017, 3, .	1.0	37
3527	The lytic Myoviridae of Enterobacteriaceae form tight recombining assemblages separated by discontinuities in genome average nucleotide identity and lateral gene flow. <i>Microbial Genomics</i> , 2018, 4, .	1.0	3
3528	Variation at the capsule locus, cps, of mistyped and non-typable <i>Streptococcus pneumoniae</i> isolates. <i>Microbiology (United Kingdom)</i> , 2012, 158, 1560-1569.	0.7	70
3529	Rat cytomegalovirus (RCMV) English isolate and a newly identified Berlin isolate share similarities with but are separate as an anciently diverged clade from Mouse CMV and the Maastricht isolate of RCMV. <i>Journal of General Virology</i> , 2015, 96, 1873-1882.	1.3	15
3592	Structure of mammalian plasma fetuin-B and its mechanism of selective metallopeptidase inhibition. <i>IUCr</i> , 2019, 6, 317-330.	1.0	28
3593	Surprising low diversity of the plant pathogen <i>Phytophthora</i> in Amazonian forests. <i>Environmental Microbiology</i> , 2020, 22, 5019-5032.	1.8	17
3594	Assessing SSU rDNA Barcodes in Foraminifera: A Case Study using <i>Bolivina quadrata</i> . <i>Journal of Eukaryotic Microbiology</i> , 2018, 65, 220-235.	0.8	6
3595	Phylogeny and Redescription of the Testate Amoeba <i>Diaphoropodon archeri</i> (Chlamydropyridae,) Tj ETQq1 1 0.784314 rgBT /Ov Agglutinated Tests in the Cercozoa. <i>Journal of Eukaryotic Microbiology</i> , 2018, 65, 308-314.	0.8	15
3596	New Insights into Vertebrate Thyroid Hormone Receptor Evolution. <i>Nuclear Receptor Research</i> , 2017, 4, .	2.5	3
3597	Ancient cattle genomics, origins, and rapid turnover in the Fertile Crescent. <i>Science</i> , 2019, 365, 173-176.	6.0	138
3598	Microstructural characterization of the body key scale morphology in six Iranian endemic <i>Aphanius</i> species (Cyprinodontidae): Their taxonomic and evolutionary significance. <i>Journal of Ichthyology</i> , 2017, 57, 533-546.	0.2	17
3599	Phylogenetic Relationships of <i>Oxytropis</i> Section <i>Arctobia</i> of Northeast Asia according to Sequencing of the Intergenic Spacers of Chloroplast and ITS of Nuclear Genomes. <i>Russian Journal of Genetics</i> , 2020, 56, 1424-1434.	0.2	7
3601	Genomic and phenotypic characterisation of invasive neonatal and colonising group B <i>Streptococcus</i> isolates from Slovenia, 2001–2018. <i>BMC Infectious Diseases</i> , 2020, 20, 958.	1.3	9
3602	Clinical spectrum of POLR3-related leukodystrophy caused by biallelic <i>POLR1C</i> pathogenic variants. <i>Neurology: Genetics</i> , 2019, 5, e369.	0.9	38

#	ARTICLE	IF	CITATIONS
3603	Expansion segments in bacterial and archaeal 5S ribosomal RNAs. <i>Rna</i> , 2021, 27, 133-150.	1.6	9
3604	Diversity and Molecular Characterization of Mosquitoes (Diptera: Culicidae) in selected ecological regions in Kenya. <i>F1000Research</i> , 2019, 8, 262.	0.8	1
3605	Widespread use of the "ascidian" mitochondrial genetic code in tunicates. <i>F1000Research</i> , 2019, 8, 2072.	0.8	3
3606	Directed evolution induces tributyrin hydrolysis in a virulence factor of <i>Xylella fastidiosa</i> using a duplicated gene as a template. <i>F1000Research</i> , 2014, 3, 215.	0.8	1
3607	Characterizing alpha helical properties of Ebola viral proteins as potential targets for inhibition of alpha-helix mediated protein-protein interactions. <i>F1000Research</i> , 2014, 3, 251.	0.8	9
3608	Correlating the ability of VP24 protein from Ebola and Marburg viruses to bind human karyopherin to their immune suppression mechanism and pathogenicity using computational methods. <i>F1000Research</i> , 0, 3, 265.	0.8	8
3609	Correlating the ability of VP24 protein from Ebola and Marburg viruses to bind human karyopherin to their immune suppression mechanism and pathogenicity using computational methods. <i>F1000Research</i> , 0, 3, 265.	0.8	3
3610	The PDB database is a rich source of alpha-helical anti-microbial peptides to combat disease causing pathogens. <i>F1000Research</i> , 2014, 3, 295.	0.8	9
3611	The PDB database is a rich source of alpha-helical anti-microbial peptides to combat disease causing pathogens. <i>F1000Research</i> , 2014, 3, 295.	0.8	8
3612	YeATS - a tool suite for analyzing RNA-seq derived transcriptome identifies a highly transcribed putative extensin in heartwood/sapwood transition zone in black walnut. <i>F1000Research</i> , 2015, 4, 155.	0.8	10
3613	YeATS - a tool suite for analyzing RNA-seq derived transcriptome identifies a highly transcribed putative extensin in heartwood/sapwood transition zone in black walnut. <i>F1000Research</i> , 2015, 4, 155.	0.8	23
3614	An improved <i>Plasmodium cynomolgi</i> genome assembly reveals an unexpected methyltransferase gene expansion. <i>Wellcome Open Research</i> , 2017, 2, 42.	0.9	43
3615	Evaluation of phylogenetic reconstruction methods using bacterial whole genomes: a simulation based study. <i>Wellcome Open Research</i> , 0, 3, 33.	0.9	18
3616	Long read assemblies of geographically dispersed <i>Plasmodium falciparum</i> isolates reveal highly structured subtelomeres. <i>Wellcome Open Research</i> , 2018, 3, 52.	0.9	114
3617	Evolutionary analysis of the most polymorphic gene family in falciparum malaria. <i>Wellcome Open Research</i> , 2019, 4, 193.	0.9	64
3618	Short Communication: Diversity of culturable epiphytic bacteria isolated from seagrass (<i>Halodule</i>) Tj ETQq1 1 0.784314 rgBT _g /Overlook _{0,2}	0.2	0
3619	One Tree to Link Them All: A Phylogenetic Dataset for the European Tetrapoda. <i>PLOS Currents</i> , 2014, 6, .	1.4	18
3620	Improvement in Protein Domain Identification Is Reached by Breaking Consensus, with the Agreement of Many Profiles and Domain Co-occurrence. <i>PLoS Computational Biology</i> , 2016, 12, e1005038.	1.5	38

#	ARTICLE	IF	CITATIONS
3621	Improving pairwise comparison of protein sequences with domain co-occurrence. <i>PLoS Computational Biology</i> , 2018, 14, e1005889.	1.5	7
3622	Genome-Wide Analysis Identifies Germ-Line Risk Factors Associated with Canine Mammary Tumours. <i>PLoS Genetics</i> , 2016, 12, e1006029.	1.5	22
3623	Phylogeographic Reconstruction of African Yellow Fever Virus Isolates Indicates Recent Simultaneous Dispersal into East and West Africa. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e1910.	1.3	26
3624	Evolution of the Transmission-Blocking Vaccine Candidates Pvs28 and Pvs25 in <i>Plasmodium vivax</i> : Geographic Differentiation and Evidence of Positive Selection. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004786.	1.3	19
3625	Evolution and spread of Venezuelan equine encephalitis complex alphavirus in the Americas. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005693.	1.3	56
3626	Two Origins for the Gene Encoding Î±-Isopropylmalate Synthase in Fungi. <i>PLoS ONE</i> , 2010, 5, e11605.	1.1	16
3627	The Armadillo Repeat Protein PF16 Is Essential for Flagellar Structure and Function in <i>Plasmodium</i> Male Gametes. <i>PLoS ONE</i> , 2010, 5, e12901.	1.1	57
3628	New Implications on Genomic Adaptation Derived from the <i>Helicobacter pylori</i> Genome Comparison. <i>PLoS ONE</i> , 2011, 6, e17300.	1.1	15
3629	Unraveling a 146 Years Old Taxonomic Puzzle: Validation of Malabar Snakehead, Species-Status and Its Relevance for Channid Systematics and Evolution. <i>PLoS ONE</i> , 2011, 6, e21272.	1.1	25
3630	A Signature in HIV-1 Envelope Leader Peptide Associated with Transition from Acute to Chronic Infection Impacts Envelope Processing and Infectivity. <i>PLoS ONE</i> , 2011, 6, e23673.	1.1	54
3631	Validation and Application of a PCR Primer Set to Quantify Fungal Communities in the Soil Environment by Real-Time Quantitative PCR. <i>PLoS ONE</i> , 2011, 6, e24166.	1.1	198
3632	Comparing COI and ITS as DNA Barcode Markers for Mushrooms and Allies (Agaricomycotina). <i>PLoS ONE</i> , 2011, 6, e25081.	1.1	105
3633	Influence of Uranium on Bacterial Communities: A Comparison of Natural Uranium-Rich Soils with Controls. <i>PLoS ONE</i> , 2011, 6, e25771.	1.1	75
3634	Worldwide Genotyping in the Planktonic Foraminifer <i>Globoconella inflata</i> : Implications for Life History and Paleoceanography. <i>PLoS ONE</i> , 2011, 6, e26665.	1.1	46
3635	Metatranscriptomics Reveals the Diversity of Genes Expressed by Eukaryotes in Forest Soils. <i>PLoS ONE</i> , 2012, 7, e28967.	1.1	149
3636	There's No Place Like Home: Crown-of-Thorns Outbreaks in the Central Pacific Are Regionally Derived and Independent Events. <i>PLoS ONE</i> , 2012, 7, e31159.	1.1	53
3637	Putative Chemosensory Receptors of the Codling Moth, <i>Cydia pomonella</i> , Identified by Antennal Transcriptome Analysis. <i>PLoS ONE</i> , 2012, 7, e31620.	1.1	166
3638	Species History Masks the Effects of Human-Induced Range Loss – Unexpected Genetic Diversity in the Endangered Giant Mayfly <i>Palingenia longicauda</i> . <i>PLoS ONE</i> , 2012, 7, e31872.	1.1	22

#	ARTICLE	IF	CITATIONS
3639	De-Novo Assembly and Analysis of the Heterozygous Triploid Genome of the Wine Spoilage Yeast <i>Dekkera bruxellensis</i> AWRI1499. PLoS ONE, 2012, 7, e33840.	1.1	110
3640	Description of Two Species of Early Branching Dinoflagellates, <i>Psammosa pacifica</i> n. g., n. sp. and <i>P. atlantica</i> n. sp. PLoS ONE, 2012, 7, e34900.	1.1	38
3641	Naturally Occurring Culturable Aerobic Gut Flora of Adult <i>Phlebotomus papatasi</i> , Vector of <i>Leishmania major</i> in the Old World. PLoS ONE, 2012, 7, e35748.	1.1	51
3642	Specific Evolution of F1-Like ATPases in Mycoplasmas. PLoS ONE, 2012, 7, e38793.	1.1	40
3643	Genes for the Major Structural Components of Thermotogales Speciesâ€™™ Togas Revealed by Proteomic and Evolutionary Analyses of OmpA and OmpB Homologs. PLoS ONE, 2012, 7, e40236.	1.1	22
3644	Molecular Characterization of Antimicrobial Peptide Genes of the Carpenter Ant <i>Camponotus floridanus</i> . PLoS ONE, 2012, 7, e43036.	1.1	21
3645	Pitfalls of Establishing DNA Barcoding Systems in Protists: The Cryptophyceae as a Test Case. PLoS ONE, 2012, 7, e43652.	1.1	26
3646	Identification of a Novel Bat Papillomavirus by Metagenomics. PLoS ONE, 2012, 7, e43986.	1.1	44
3647	Human Immunodeficiency Virus Type-1 (HIV-1) Continues to Evolve in Presence of Broadly Neutralizing Antibodies More than Ten Years after Infection. PLoS ONE, 2012, 7, e44163.	1.1	15
3648	TAXODIUM Version 1.0: A Simple Way to Generate Uniform and Fractionally Weighted Three-Item Matrices from Various Kinds of Biological Data. PLoS ONE, 2012, 7, e48813.	1.1	42
3649	Profiling Nematode Communities in Unmanaged Flowerbed and Agricultural Field Soils in Japan by DNA Barcode Sequencing. PLoS ONE, 2012, 7, e51785.	1.1	37
3650	Inhibition of the Pim1 Oncogene Results in Diminished Visual Function. PLoS ONE, 2012, 7, e52177.	1.1	20
3651	Diversity, Ecology and Biogeochemistry of Cyst-Forming Acantharia (Radiolaria) in the Oceans. PLoS ONE, 2013, 8, e53598.	1.1	66
3652	Patterns of Post-Glacial Genetic Differentiation in Marginal Populations of a Marine Microalga. PLoS ONE, 2012, 7, e53602.	1.1	49
3653	Phylogenetics and Differentiation of Salmonella Newport Lineages by Whole Genome Sequencing. PLoS ONE, 2013, 8, e55687.	1.1	63
3654	Phylogenetic and Structural Diversity in the Feline Leukemia Virus Env Gene. PLoS ONE, 2013, 8, e61009.	1.1	32
3655	A Scallop Nitric Oxide Synthase (NOS) with Structure Similar to Neuronal NOS and Its Involvement in the Immune Defense. PLoS ONE, 2013, 8, e69158.	1.1	49
3656	Evidence of Coat Color Variation Sheds New Light on Ancient Canids. PLoS ONE, 2013, 8, e75110.	1.1	27

#	ARTICLE	IF	CITATIONS
3657	Is Bocourt's Terrific Skink Really So Terrific? Trophic Myth and Reality. PLoS ONE, 2013, 8, e78638.	1.1	5
3658	A Metatranscriptomic Approach to the Identification of Microbiota Associated with the Ant <i>Formica exsecta</i> . PLoS ONE, 2013, 8, e79777.	1.1	52
3659	Phylogenetic Relatedness of Circulating HIV-1C Variants in Mochudi, Botswana. PLoS ONE, 2013, 8, e80589.	1.1	33
3660	Genetic Diversity and Population Genetic Structure Analysis of <i>Echinococcus granulosus sensu stricto</i> Complex Based on Mitochondrial DNA Signature. PLoS ONE, 2013, 8, e82904.	1.1	51
3661	Sequencing of Chloroplast Genomes from Wheat, Barley, Rye and Their Relatives Provides a Detailed Insight into the Evolution of the Triticeae Tribe. PLoS ONE, 2014, 9, e85761.	1.1	190
3662	Floral Evolution of <i>Philodendron</i> Subgenus <i>Meconostigma</i> (Araceae). PLoS ONE, 2014, 9, e89701.	1.1	10
3663	Cyclotide Structure-Activity Relationships: Qualitative and Quantitative Approaches Linking Cytotoxic and Anthelmintic Activity to the Clustering of Physicochemical Forces. PLoS ONE, 2014, 9, e91430.	1.1	21
3664	New Insights into 1-Aminocyclopropane-1-Carboxylate (ACC) Deaminase Phylogeny, Evolution and Ecological Significance. PLoS ONE, 2014, 9, e99168.	1.1	206
3665	The More We Search, the More We Find: Discovery of a New Lineage and a New Species Complex in the Genus <i>Asparagopsis</i> . PLoS ONE, 2014, 9, e103826.	1.1	58
3666	Expression, Purification, and Structural Insights for the Human Uric Acid Transporter, GLUT9, Using the <i>Xenopus laevis</i> Oocytes System. PLoS ONE, 2014, 9, e108852.	1.1	34
3667	A Toolkit for ARB to Integrate Custom Databases and Externally Built Phylogenies. PLoS ONE, 2015, 10, e0109277.	1.1	1
3668	Morphological Examination and Phylogenetic Analyses of <i>Phycopeltis</i> spp. (Trentepohliales), Tj ETQq1 1 0.784314 r _{BT} / Overlock 10	1.1	8
3669	PCR Primers to Study the Diversity of Expressed Fungal Genes Encoding Lignocellulolytic Enzymes in Soils Using High-Throughput Sequencing. PLoS ONE, 2014, 9, e116264.	1.1	33
3670	The Use of Genus-Specific Amplicon Pyrosequencing to Assess <i>Phytophthora</i> Species Diversity Using eDNA from Soil and Water in Northern Spain. PLoS ONE, 2015, 10, e0119311.	1.1	71
3671	Application of the Phylogenetic Species Concept to <i>Wallemia sebi</i> from House Dust and Indoor Air Revealed by Multi-Locus Genealogical Concordance. PLoS ONE, 2015, 10, e0120894.	1.1	23
3672	Phylogenetic Relationships of American Willows (<i>Salix</i> L., Salicaceae). PLoS ONE, 2015, 10, e0121965.	1.1	63
3673	Adaptation of the Mitochondrial Genome in Cephalopods: Enhancing Proton Translocation Channels and the Subunit Interactions. PLoS ONE, 2015, 10, e0135405.	1.1	15
3674	Shedding of Infectious Borna Disease Virus-1 in Living Bicolored White-Toothed Shrews. PLoS ONE, 2015, 10, e0137018.	1.1	59

#	ARTICLE	IF	CITATIONS
3675	Adaptation in Toxic Environments: Arsenic Genomic Islands in the Bacterial Genus <i>Thiomonas</i> . PLoS ONE, 2015, 10, e0139011.	1.1	24
3676	The Gondwana Breakup and the History of the Atlantic and Indian Oceans Unveils Two New Clades for Early Neobatrachian Diversification. PLoS ONE, 2015, 10, e0143926.	1.1	32
3677	Population Genetic Structure and Potential Incursion Pathways of the Bluetongue Virus Vector <i>Culicoides brevitarsis</i> (Diptera: Ceratopogonidae) in Australia. PLoS ONE, 2016, 11, e0146699.	1.1	15
3678	Next-Generation Sequencing of Aquatic Oligochaetes: Comparison of Experimental Communities. PLoS ONE, 2016, 11, e0148644.	1.1	34
3679	High Prevalence and Putative Lineage Maintenance of Avian Coronaviruses in Scandinavian Waterfowl. PLoS ONE, 2016, 11, e0150198.	1.1	30
3680	The Value of Molecular vs. Morphometric and Acoustic Information for Species Identification Using Sympatric Molossid Bats. PLoS ONE, 2016, 11, e0150780.	1.1	30
3681	Historical and Current Perspectives on the Systematics of the "Enigmatic" Diatom Genus <i>Rhoicosphenia</i> (Bacillariophyta), with Single and Multi-Molecular Marker and Morphological Analyses and Discussion on the Monophyly of "Monoraphid" Diatoms. PLoS ONE, 2016, 11, e0152797.	1.1	41
3682	Local versus Generalized Phenotypes in Two Sympatric <i>Aurelia</i> Species: Understanding Jellyfish Ecology Using Genetics and Morphometrics. PLoS ONE, 2016, 11, e0156588.	1.1	15
3683	<i>Bacillus pumilus</i> SAFR-032 Genome Revisited: Sequence Update and Re-Annotation. PLoS ONE, 2016, 11, e0157331.	1.1	21
3684	Functional Comparison of Bacteria from the Human Gut and Closely Related Non-Gut Bacteria Reveals the Importance of Conjugation and a Paucity of Motility and Chemotaxis Functions in the Gut Environment. PLoS ONE, 2016, 11, e0159030.	1.1	9
3685	Phylogeny of Elatinaceae and the Tropical Gondwanan Origin of the Centroplacaceae (Malpighiaceae). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf</i>	1.1	22
3686	Diversification of <i>Angraecum</i> (Orchidaceae, Vandae) in Madagascar: Revised Phylogeny Reveals Species Accumulation through Time Rather than Rapid Radiation. PLoS ONE, 2016, 11, e0163194.	1.1	22
3687	Evolution of the Tetrapyrrole Biosynthetic Pathway in Secondary Algae: Conservation, Redundancy and Replacement. PLoS ONE, 2016, 11, e0166338.	1.1	33
3688	Unbiased RNA Shotgun Metagenomics in Social and Solitary Wild Bees Detects Associations with Eukaryote Parasites and New Viruses. PLoS ONE, 2016, 11, e0168456.	1.1	46
3689	High Abundance of the Epibenthic Trachymedusa <i>Ptychogastria polaris</i> Allman, 1878 (Hydrozoa,). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50</i>	1.1	11
3690	Identification of extensive drug resistant <i>Pseudomonas aeruginosa</i> strains: New clone ST1725 and high-risk clone ST233. PLoS ONE, 2017, 12, e0172882.	1.1	21
3691	The high prevalence of HPV and HPV16 European variants in cervical and anal samples of HIV-seropositive women with normal Pap test results. PLoS ONE, 2017, 12, e0176422.	1.1	17
3692	Dynammin-like proteins in <i>Trypanosoma brucei</i> : A division of labour between two paralogs?. PLoS ONE, 2017, 12, e0177200.	1.1	13

#	ARTICLE	IF	CITATIONS
3693	Molecular cloning and biochemical characterization of two cation chloride cotransporter subfamily members of <i>Hydra vulgaris</i> . PLoS ONE, 2017, 12, e0179968.	1.1	9
3694	Chronic <i>Plasmodium brasilianum</i> infections in wild Peruvian tamarins. PLoS ONE, 2017, 12, e0184504.	1.1	16
3695	Genetic diversity of <i>Entamoeba</i> : Novel ribosomal lineages from cockroaches. PLoS ONE, 2017, 12, e0185233.	1.1	12
3696	Highly divergent 16S rRNA sequences in ribosomal operons of <i>Scytonema hyalinum</i> (Cyanobacteria). PLoS ONE, 2017, 12, e0186393.	1.1	67
3697	Impact of extensive antibiotic treatment on faecal carriage of antibiotic-resistant enterobacteria in children in a low resistance prevalence setting. PLoS ONE, 2017, 12, e0187618.	1.1	14
3698	Thermotolerant isolates of <i>Beauveria bassiana</i> as potential control agent of insect pest in subtropical climates. PLoS ONE, 2019, 14, e0211457.	1.1	23
3699	Ancestry of the AUTS2 family—A novel group of polycomb-complex proteins involved in human neurological disease. PLoS ONE, 2020, 15, e0232101.	1.1	4
3700	<i>Nitrosophilus alvini</i> gen. nov., sp. nov., a hydrogen-oxidizing chemolithoautotroph isolated from a deep-sea hydrothermal vent in the East Pacific Rise, inferred by a genome-based taxonomy of the phylum <i>Campylobacterota</i> . PLoS ONE, 2020, 15, e0241366.	1.1	22
3701	Rapidly Evolving Genes Are Key Players in Host Specialization and Virulence of the Fungal Wheat Pathogen <i>Zymoseptoria tritici</i> (<i>Mycosphaerella graminicola</i>). PLoS Pathogens, 2015, 11, e1005055.	2.1	107
3702	Cyclin-Dependent Kinase CRK9, Required for Spliced Leader trans Splicing of Pre-mRNA in Trypanosomes, Functions in a Complex with a New L-Type Cyclin and a Kinetoplastid-Specific Protein. PLoS Pathogens, 2016, 12, e1005498.	2.1	19
3703	A leucine aminopeptidase is involved in kinetoplast DNA segregation in <i>Trypanosoma brucei</i> . PLoS Pathogens, 2017, 13, e1006310.	2.1	21
3704	Phylogenomics of 8,839 <i>Clostridioides difficile</i> genomes reveals recombination-driven evolution and diversification of toxin A and B. PLoS Pathogens, 2020, 16, e1009181.	2.1	35
3705	Diversity of adipokinetic hormones in termites (Isoptera). European Journal of Entomology, 0, 113, 364-371.	1.2	2
3706	Two new species and one new record for the genus <i>Copris</i> (Coleoptera: Scarabaeidae: Scarabaeinae) from Vietnam with a key to Vietnamese species. European Journal of Entomology, 0, 115, 167-191.	1.2	6
3707	How many species of whipworms do we share? Whipworms from man and other primates form two phylogenetic lineages. Folia Parasitologica, 2015, 62, .	0.7	17
3708	Combining morphology, scanning electron microscopy, and molecular phylogeny to evaluate the taxonomic power of scales in genus <i>Aphanius</i> Nardo, 1827 (Teleostei: Cyprinodontidae). Archives of Polish Fisheries, 2017, 25, 77-87.	0.6	12
3709	Pyruvate kinase variant of fission yeast tunes carbon metabolism, cell regulation, growth and stress resistance. Molecular Systems Biology, 2020, 16, e9270.	3.2	27
3710	Phylogenetic Position and Biogeography of Three-Lined Snakes (<i>Atractus trilineatus</i> : Squamata.) Tj ETQq1 1 0.784314 rgBT /Overlock	0.2	8

#	ARTICLE	IF	CITATIONS
3711	Steinernema tbilisiensis sp. n. (Nematoda: Steinernematidae) – A New Species of Entomopathogenic Nematode from Georgia. Journal of Agricultural Science and Technology A, 2015, 5, .	0.2	3
3712	Phylogenetic analysis of S-RNase-like genes from Fragaria provides evidence for ancestral S-RNase duplication in the Rosaceae lineage. Acta Horticulturae, 2019, , 365-370.	0.1	1
3713	Mass occurrence of the liverwort Herbertus sendtneri in a glacial lake in the Andes of Colombia. Revista De La Academia Colombiana De Ciencias Exactas, Fisicas Y Naturales, 2018, 42, 221.	0.0	6
3714	alv: a console-based viewer for molecular sequence alignments. Journal of Open Source Software, 2018, 3, 955.	2.0	3
3715	MOLECULAR PHYLOGENY OF CARTERINA SPICULOTESTA AND RELATED SPECIES FROM NEW CALEDONIA. Journal of Foraminiferal Research, 2014, 44, 440-450.	0.1	5
3716	Description of Aphelenchoides macrospica n. sp. (Nematoda: Aphelenchoididae) from Northwestern Iran. Journal of Nematology, 2017, 49, 67-76.	0.4	8
3717	Maternal Broadly Neutralizing Antibodies Select for Neutralization-Resistant Infant Transmitted/Founder HIV Variants. SSRN Electronic Journal, 0, , .	0.4	4
3718	B1-Metallo- β -Lactamases: Where Do We Stand?. Current Drug Targets, 2016, 17, 1029-1050.	1.0	158
3719	Identification of Fungal DNA Barcode Targets and PCR Primers Based on Pfam Protein Families and Taxonomic Hierarchy. The Open Applied Informatics Journal, 2011, 5, 30-44.	1.0	7
3720	Mitogenomic phylogeny of the Asian colobine genus <i>Trachypitecus</i> with special focus on <i>Trachypitecus phayrei</i> (Blyth, 1847) and description of a new species. Zoological Research, 2020, 41, 656-669.	0.9	13
3721	New species of Capronia (Herpotrichiellaceae, Ascomycota) from Patagonian forests, Argentina. Plant and Fungal Systematics, 2019, 64, 81-90.	0.7	8
3722	Lichenicolous fungi from Florida growing on Graphidales. Plant and Fungal Systematics, 2019, 64, 249-282.	0.7	7
3723	Taxonomic Position of Anastrangalia reyi and A. sequensi (Coleoptera, Cerambycidae) Based on Molecular and Morphological Data. Vestnik Zoologii, 2019, 53, 209-226.	0.7	7
3724	Systematics of the genus Auricularia with an emphasis on species from the southeastern United States.. North American Fungi, 0, , .	0.4	16
3725	Genomic non-coding regions reveal hidden patterns of mumps virus circulation in Spain, 2005 to 2015. Eurosurveillance, 2018, 23, .	3.9	13
3726	Molecular and epidemiological characteristics of human Puumala and Dobrava-Belgrade hantavirus infections, Germany, 2001 to 2017. Eurosurveillance, 2019, 24, .	3.9	30
3727	Whole genome sequencing reveals potential spread of Clostridium difficile between humans and farm animals in the Netherlands, 2002 to 2011. Eurosurveillance, 2014, 19, 20954.	3.9	188
3728	Sareomycetes cl. nov.: A new proposal for placement of the resinicolous genus Sarea (Ascomycota,) Tj ETQq1 1 0.784314 rgBT /Overl	0.9	7

#	ARTICLE	IF	CITATIONS
3729	Biomass Yield, Nitrogen Content and Uptake, And Nutritive Value of Alfalfa Co-Inoculated with Plant-Growth Promoting Bacteria. International Journal for Innovation Education and Research, 2020, 8, 400-420.	0.0	2
3730	Marine Sediment Recovered <i>Salinispora</i> sp. Inhibits the Growth of Emerging Bacterial Pathogens and other Multi-Drug-Resistant Bacteria. Polish Journal of Microbiology, 2020, 69, 321-330.	0.6	6
3731	Phylum-targeted pyrosequencing reveals diverse planctomycete populations in a eutrophic lake. Aquatic Microbial Ecology, 2011, 64, 41-49.	0.9	8
3732	Genetic diversity associated with N-cycle pathways in microbialites from Lake Alchichica, Mexico. Aquatic Microbial Ecology, 2017, 78, 121-133.	0.9	13
3733	Cyanobacterial diversity in the marine sponge <i>Hymeniacidon perlevis</i> from a temperate region (Portuguese coast, Northeast Atlantic). Aquatic Microbial Ecology, 2017, 79, 259-272.	0.9	9
3734	First report of fibropapillomatosis in an olive ridley turtle <i>Lepidochelys olivacea</i> from the southeastern Pacific. Diseases of Aquatic Organisms, 2019, 135, 43-48.	0.5	3
3735	Distribution and genetic diversity of the Endangered Abbott's duiker <i>Cephalophus spadix</i> in the Udzungwa Mountains, Tanzania. Endangered Species Research, 2014, 24, 105-114.	1.2	7
3736	Molecular and morphological evidence reveals a new smut fungus, <i>Microbotryum arcticum</i> (Microbotryaceae), on <i>Silene uralensis</i> (Caryophyllaceae) from Greenland and Canada. Willdenowia, 2019, 49, 241.	0.5	8
3737	The Genus <i>Pachyma</i> (Syn. <i>Wolfiporia</i>) Reinstated and Species Clarification of the Cultivated Medicinal Mushroom "Fuling" in China. Frontiers in Microbiology, 2020, 11, 590788.	1.5	19
3738	Biocontrol Traits Correlate With Resistance to Predation by Protists in Soil <i>Pseudomonads</i> . Frontiers in Microbiology, 2020, 11, 614194.	1.5	24
3739	Combining Standard Molecular Typing and Whole Genome Sequencing to Investigate <i>Pseudomonas aeruginosa</i> Epidemiology in Intensive Care Units. Frontiers in Public Health, 2020, 8, 3.	1.3	28
3740	Fungal Planet description sheets: 785–867. Persoonia: Molecular Phylogeny and Evolution of Fungi, 2018, 41, 238-417.	1.6	163
3741	Widening the host range of the ectosymbiotic scale-worm <i>Asterophilia culcitae</i> ; (Annelida: Polynoidae) to three echinoderm classes, with data on its body color variation. Plankton and Benthos Research, 2020, 15, 289-295.	0.2	6
3742	Surveys of stink bug egg parasitism in Asia, Europe and North America, morphological taxonomy, and molecular analysis reveal the Holarctic distribution of <i>Acroclisoides sinicus</i> (Huang & Liao) (Hymenoptera, Pteromalidae). Journal of Hymenoptera Research, 0, 74, 123-151.	0.8	24
3743	Genomics and metagenomics technologies to recover ribosomal DNA and single-copy genes from old fruit-body and ectomycorrhiza specimens. MycoKeys, 0, 13, 1-20.	0.8	21
3744	The genus <i>Podaxis</i> in arid regions of Mexico: preliminary ITS phylogeny and ethnomycological use. MycoKeys, 0, 20, 17-36.	0.8	6
3745	Read quality-based trimming of the distal ends of public fungal DNA sequences is nowhere near satisfactory. MycoKeys, 0, 26, 13-24.	0.8	10
3746	Short-spored <i>Subulicystidium</i> (Trechisporales, Basidiomycota): high morphological diversity and only partly clear species boundaries. MycoKeys, 2018, 35, 41-99.	0.8	11

#	ARTICLE	IF	CITATIONS
3747	Description of Aeminiaceae fam. nov., Aeminium gen. nov. and Aeminium ludgeri sp. nov. (Capnodiales), isolated from a biodeteriorated art-piece in the Old Cathedral of Coimbra, Portugal. MycoKeys, 2019, 45, 57-73.	0.8	20
3748	Phylogenetic placement of <i>Lepraria cryptovouauxii</i> sp. nov. (Lecanorales, Lecanoromycetes). Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	0.8	10
3749	Understanding the evolution of phenotypical characters in the <i>Micarea prasina</i> group (Pilocarpaceae) and descriptions of six new species within the group. MycoKeys, 2019, 57, 1-30.	0.8	14
3750	Morphology and secondary chemistry in species recognition of <i>Parmelia omphalodes</i> group "evidence from molecular data with notes on the ecological niche modelling and genetic variability of photobionts. MycoKeys, 2019, 61, 39-74.	0.8	6
3751	Shedding light on a cryptic cavernicole: A second species of <i>Zenkevitchia</i> Birstein (Crustacea). Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 582	0.5	2
3752	Revision of <i>Mandarella</i> Duvivier from Taiwan, with a new species, new synonymies and identities of highly variable species (Insecta, Chrysomelidae, Galerucinae, Alticini). ZooKeys, 2016, 568, 23-49.	0.5	4
3753	Taxonomic revision of the Carpathian endemic <i>Pedicia</i> (Crunobia) <i>staryi</i> species "group (Diptera). Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.5	5
3754	The phylogenetic position of a new species of <i>Plakobranthus</i> from West Papua, Indonesia (Mollusca). Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	0.5	5
3755	Phylogenetic relationships within the Phyllidiidae (Opisthobranchia, Nudibranchia). ZooKeys, 2016, 605, 1-35.	0.5	15
3756	Eleven nominal species of <i>Burmoniscus</i> are junior synonyms of <i>B. kathmandius</i> (Schmalfuss, 1983) (Crustacea, Isopoda, Oniscidea). ZooKeys, 2016, 607, 1-24.	0.5	9
3757	A new species of leech of the genus <i>Placobdella</i> (Hirudinida, Glossiphoniidae) from the American alligator (<i>Alligator mississippiensis</i>) in Mississippi, USA. ZooKeys, 2017, 667, 39-49.	0.5	8
3758	A new species of <i>Erythrolamprus</i> from the oceanic island of Tobago (Squamata, Dipsadidae). ZooKeys, 2019, 817, 131-157.	0.5	7
3759	Uncovering the shell game with barcodes: diversity of meiofaunal Caecidae snails (Truncatelloidea). Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.5	2
3760	Remarks on the taxonomy and nomenclature of the genus <i>Hypsilurus</i> Peters, 1867 (Reptilia, Agamidae). Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	0.4	1
3761	Occurrence of Arbuscular Mycorrhizal Fungi and <i>Fusarium</i> in TC Banana Rhizosphere Inoculated with Microbiological Products in Different Soils in Kenya. International Journal of Soil Science, 2015, 10, 45-62.	0.7	9
3762	Inter-population differences in otolith morphology are genetically encoded in the killifish <i>Aphanius fasciatus</i> (Cyprinodontiformes). Scientia Marina, 2013, 77, 269-279.	0.3	25
3763	D "couverte d "un c "ur-reliquaire " Douai (ancienne "glise Saint-Jacques, place Carnot): "approche pluridisciplinaire " de l "embaumement " l " "poque moderne. Archeologie Medievale, 2012, , 23-42.	0.0	3
3764	Quantification de la Charge Virale et tests de r "sistance du VIH-1 aux ARV " partir d "chantillons DBS (Dried Blood Spots) chez des patients Guin "ens sous traitement antir "troviral. African Journal of Laboratory Medicine, 2015, 4, .	0.2	2

#	ARTICLE	IF	CITATIONS
3765	Efficiency of matK, rbcL, trnH-psbA, and trnL-F (cpDNA) to molecularly authenticate Philippine ethnomedicinal Apocynaceae through DNA barcoding. <i>Pharmacognosy Magazine</i> , 2016, 12, 384.	0.3	30
3766	African and Asian Zika Virus Isolates Display Phenotypic Differences Both In Vitro and In Vivo. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 98, 432-444.	0.6	65
3767	Identification of Clinical Infections of Leishmania Imported into Australia: Revising Speciation with Polymerase Chain Reaction-RFLP of the Kinetoplast Maxicircle. <i>American Journal of Tropical Medicine and Hygiene</i> , 2019, 101, 590-601.	0.6	5
3770	On the genus Rhodella, the emended orders Dixoniellales and Rhodellales with a new order Glaucosphaerales (Rhodellophyceae, Rhodophyta). <i>Algae</i> , 2011, 26, 277-288.	0.9	13
3773	Is <i>Colobus guereza gallarum</i> a valid endemic Ethiopian taxon?. <i>Primate Biology</i> , 2019, 6, 7-16.	0.6	15
3774	First report of Maize yellow mosaic virus infecting maize in Ecuador. <i>New Disease Reports</i> , 2017, 36, 11-11.	0.4	15
3775	Antifungal activity of lemon, eucalyptus, thyme, oregano, sage and lavender essential oils against <i>Aspergillus niger</i> and <i>Aspergillus tubingensis</i> isolated from grapes. <i>Potravinarstvo</i> , 2016, 10, 83-88.	0.5	23
3776	DNA Barcoding Sheds Light on Novel Records in the Tunisian Red Algal Flora. <i>Cryptogamie, Algologie</i> , 2019, 40, 5.	0.3	13
3777	A new red colonial <i>Pseudanabaena</i> (Cyanoprokaryota, Oscillatoriales) from North American large lakes.. <i>Fottea</i> , 2012, 12, 327-339.	0.4	12
3778	Phylogenetic position of <i>Ecballocystis</i> and <i>Ecballocystopsis</i> (Chlorophyta).. <i>Fottea</i> , 2013, 13, 65-75.	0.4	11
3779	Phenotype diversity and phylogeny of selected <i>Scytonema</i> -species (Cyanoprokaryota) from SE Brazil.. <i>Fottea</i> , 2013, 13, 173-200.	0.4	34
3780	<i>Ulvella tongshanensis</i> (Ulvellaceae, Chlorophyta), a new freshwater species from China, and an emended morphological circumscription of the genus <i>Ulvella</i> . <i>Fottea</i> , 2015, 15, 95-104.	0.4	5
3781	A detailed morphological, phylogenetic and ecophysiological analysis of four benthic <i>Anabaena</i> (Nostocales, Cyanobacteria) strains confirms deep heterogeneity within the genus. <i>Fottea</i> , 2015, 15, 191-202.	0.4	9
3782	Phylogenetic position of <i>Geitleribactron purpureum</i> (Synechococcales, Cyanobacteria / Cyanophyceae) and its implications for the taxonomy of <i>Chamaesiphonaceae</i> and <i>Leptolyngbyaceae</i> . <i>Fottea</i> , 2016, 16, 104-111.	0.4	3
3783	The potential of High-Throughput Sequencing (HTS) of natural samples as a source of primary taxonomic information for reference libraries of diatom barcodes. <i>Fottea</i> , 2018, 18, 37-54.	0.4	40
3784	<i>Nunduva</i> , a new marine genus of Rivulariaceae (Nostocales, Cyanobacteria) from marine rocky shores. <i>Fottea</i> , 2018, 18, 86-105.	0.4	33
3785	New simple trichal cyanobacterial taxa isolated from radioactive thermal springs. <i>Fottea</i> , 2018, 18, 137-149.	0.4	54
3786	Evolutionary relationships between the varieties of green algae <i>Pediastrum boryanum</i> and <i>P. duplex</i> s.l. (Chlorophyceae, Hydrodictyceae). <i>Fottea</i> , 2018, 18, 170-188.	0.4	8

#	ARTICLE	IF	CITATIONS
3787	Taxonomic Evaluation of <i>Hedera crebescens</i> : A Potentially Invasive Ivy in Central Europe. <i>Acta Societatis Botanicorum Poloniae</i> , 2020, 89, .	0.8	3
3788	An Evolutionary Perspective on Human Cross-sensitivity to Tree Nut and Seed Allergens. <i>Aliso</i> , 2015, 33, 91-110.	0.4	3
3789	Molecular phylogeny of Blaberidae (Dictyoptera, Blattodea) with implications for taxonomy and evolutionary studies. <i>European Journal of Taxonomy</i> , 2017, , .	0.6	3
3790	Incorporating molecular data in fungal systematics: a guide for aspiring researchers. <i>Current Research in Environmental and Applied Mycology</i> , 2013, 3, 1-32.	0.3	65
3791	Characterization and antimicrobial activity of <i>Streptomyces</i> strains from soils in southern Thailand. <i>Journal of Applied Pharmaceutical Science</i> , 2014, 4, 24-31.	0.7	12
3792	Super Spy variants implicate flexibility in chaperone action. <i>ELife</i> , 2014, 3, e01584.	2.8	48
3793	Spectrin binding motifs regulate Scribble cortical dynamics and polarity function. <i>ELife</i> , 2015, 4, .	2.8	14
3794	Evidence of human infection by a new mammarenavirus endemic to Southeastern Asia. <i>ELife</i> , 2016, 5, .	2.8	49
3795	Phylogenomic analysis supports the ancestral presence of LPS-outer membranes in the Firmicutes. <i>ELife</i> , 2016, 5, .	2.8	69
3796	Insights into electrosensory organ development, physiology and evolution from a lateral line-enriched transcriptome. <i>ELife</i> , 2017, 6, .	2.8	38
3797	Deconstruction of the beaten Path-Sidestep interaction network provides insights into neuromuscular system development. <i>ELife</i> , 2017, 6, .	2.8	41
3798	Molecular basis of synaptic specificity by immunoglobulin superfamily receptors in <i>Drosophila</i> . <i>ELife</i> , 2019, 8, .	2.8	35
3799	A florigen paralog is required for short-day vernalization in a pooid grass. <i>ELife</i> , 2019, 8, .	2.8	28
3800	Combinations of Spok genes create multiple meiotic drivers in <i>Podospora</i> . <i>ELife</i> , 2019, 8, .	2.8	60
3801	A new family of cell surface located purine transporters in Microsporidia and related fungal endoparasites. <i>ELife</i> , 2019, 8, .	2.8	24
3802	Demographic reconstruction from ancient DNA supports rapid extinction of the great auk. <i>ELife</i> , 2019, 8, .	2.8	15
3803	The yeast mating-type switching endonuclease HO is a domesticated member of an unorthodox homing genetic element family. <i>ELife</i> , 2020, 9, .	2.8	15
3804	Mitochondrial genomes of twelve species of hyperdiverse <i>Trigonopterus</i> weevils. <i>PeerJ</i> , 2020, 8, e10017.	0.9	10

#	ARTICLE	IF	CITATIONS
3805	Evolution of <i>Philodendron</i> (Araceae) species in Neotropical biomes. PeerJ, 2016, 4, e1744.	0.9	17
3806	Breakdown of coevolution between symbiotic bacteria <i>Wolbachia</i> and their filarial hosts. PeerJ, 2016, 4, e1840.	0.9	86
3807	Similarities between decapod and insect neuropeptidomes. PeerJ, 2016, 4, e2043.	0.9	117
3808	Systematic relationships of five newly sequenced cervid species. PeerJ, 2016, 4, e2307.	0.9	42
3809	Arrival and diversification of mabuyine skinks (Squamata: Scincidae) in the Neotropics based on a fossil-calibrated timetree. PeerJ, 2017, 5, e3194.	0.9	10
3810	A laid-back trip through the Hennigian Forests. PeerJ, 2017, 5, e3578.	0.9	38
3811	Phylogeographic and population insights of the Asian common toad (<i>Bufo gargarizans</i>) in Korea and China: population isolation and expansions as response to the ice ages. PeerJ, 2017, 5, e4044.	0.9	29
3812	Cytochrome c oxidase barcodes for aquatic oligochaete identification: development of a Swiss reference database. PeerJ, 2017, 5, e4122.	0.9	21
3813	First Guatemalan record of natural hybridisation between Neotropical species of the Lady's Slipper orchid (Orchidaceae, Cyripedioideae). PeerJ, 2017, 5, e4162.	0.9	13
3814	Virus-host co-evolution under a modified nuclear genetic code. PeerJ, 2013, 1, e50.	0.9	27
3815	Weak population structure in the ant <i>Formica fusca</i> . PeerJ, 2018, 6, e5024.	0.9	11
3816	Evidence that ebolaviruses and cuevaviruses have been diverging from marburgviruses since the Miocene. PeerJ, 2014, 2, e556.	0.9	26
3817	Identification of an aquaculture poriferan pest with Potential and its phylogenetic implications. PeerJ, 2018, 6, e5586.	0.9	13
3818	Simultaneous preservation of the DNA quality, the community composition and the density of freshwater oligochaetes for the development of genetically based biological indices. PeerJ, 2018, 6, e6050.	0.9	6
3819	Blood parasites infecting the Hoatzin (<i>Opisthocomus hoazin</i>), a unique neotropical folivorous bird. PeerJ, 2019, 7, e6361.	0.9	8
3820	Environmental modulation of the proteomic profiles from closely phylogenetically related populations of the red seaweed <i>Plocamium brasiliense</i> . PeerJ, 2019, 7, e6469.	0.9	3
3821	Coleoptera genome and transcriptome sequences reveal numerous differences in neuropeptide signaling between species. PeerJ, 2019, 7, e7144.	0.9	72
3822	Nucleotide variation and balancing selection at the <i>Ckma</i> gene in Atlantic cod: analysis with multiple merger coalescent models. PeerJ, 2015, 3, e786.	0.9	45

#	ARTICLE	IF	CITATIONS
3823	Warm temperatures, cool sponges: the effect of increased temperatures on the Antarctic sponge <i>Isodictya</i> sp.. PeerJ, 2019, 7, e8088.	0.9	22
3824	The systematics of the Cervidae: a total evidence approach. PeerJ, 2020, 8, e8114.	0.9	66
3825	The mitochondrial phylogeny of land plants shows support for Setaphyta under composition-heterogeneous substitution models. PeerJ, 2020, 8, e8995.	0.9	18
3826	Arthropod IGF, relaxin and gonadulin, putative orthologs of <i>Drosophila</i> insulin-like peptides 6, 7 and 8, likely originated from an ancient gene triplication. PeerJ, 2020, 8, e9534.	0.9	37
3827	Trans-species polymorphism at antimicrobial innate immunity cathelicidin genes of Atlantic cod and related species. PeerJ, 2015, 3, e976.	0.9	22
3828	A taxonomic review of the genus <i>Astrocladus</i> (Echinodermata, Ophiuroidea, Euryalida,) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.9	5
3830	New Record of the non-Native Seaweed <i>Gracilaria parvisporain</i> Baja California - A Note on Vergara-Rodarte et al.(2016). Cryptogamie, Algologie, 2016, 37, 257-263.	0.3	3
3831	When Invaders Go Unnoticed: The Case of <i>Gracilaria vermiculophylla</i> in the British Isles. Cryptogamie, Algologie, 2017, 38, 379-400.	0.3	11
3832	Assessment of Coralline Species Diversity in the European Coasts Supported by Sequencing of Type Material: The Case Study of <i>Lithophyllum nitorum</i> (Corallinales, Rhodophyta). Cryptogamie, Algologie, 2018, 39, 123-137.	0.3	22
3833	A DNA Barcoding Survey of <i>Ulva</i> (Chlorophyta) in Tunisia and Italy Reveals the Presence of the Overlooked Alien <i>U. ohnoi</i> . Cryptogamie, Algologie, 2018, 39, 85-107.	0.3	30
3834	In Silico Mutagenesis Reveals Specific Binding Residues that Regulate KSRP microRNA Precursor Interactions in Human. Annual Research & Review in Biology, 2014, 4, 143-153.	0.4	1
3835	Cryptic diversity in non-geniculate coralline algae: a new genus <i>Roseolithon</i> (Hapalidiales,) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.9	9
3836	Genetically related <i>Clostridium difficile</i> from water sources and human CDI cases revealed by whole-genome sequencing. Environmental Microbiology, 2022, 24, 1221-1230.	1.8	7
3837	HPV16-Genotyper: A Computational Tool for Risk-Assessment, Lineage Genotyping and Recombination Detection in HPV16 Sequences, Based on a Large-Scale Evolutionary Analysis. Diversity, 2021, 13, 497.	0.7	3
3838	Parasitological and molecular characterization of the avian schistosomatid cercariae infecting lymnaeidae snails in Phayao, Northern Thailand. Veterinary World, 2021, 14, 2655-2661.	0.7	7
3839	Better detection of Torque teno virus in children with leukemia by metagenomic sequencing than by quantitative PCR. Journal of Medical Virology, 2022, 94, 634-641.	2.5	10
3840	<i>Pectobacterium quasiaquaticum</i> sp. nov., isolated from waterways. International Journal of Systematic and Evolutionary Microbiology, 2021, 71, .	0.8	27
3841	Pharmacological characterization of novel heteromeric GluCl subtypes from <i>Caenorhabditis elegans</i> and parasitic nematodes. British Journal of Pharmacology, 2022, 179, 1264-1279.	2.7	9

#	ARTICLE	IF	CITATIONS
3842	New insights into the past and recent evolutionary history of the Corsican mouflon (<i>Ovis gmelini</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.8	8
3843	DNA barcoding and genetic variability of earthworms (Clitellata: Oligochaeta) with new records from Mizoram, India. <i>Organisms Diversity and Evolution</i> , 2021, 21, 737-751.	0.7	2
3844	Taxonomy and molecular phylogeny of a new freshwater ciliate <i>Frontonia apoacuminata</i> sp. nov. (Protista, Ciliophora, Oligohymenophorea) from Qingdao, PR China. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	0.8	4
3845	Greenhead (<i>Tabanus nigrovittatus</i>) <i>Wolbachia</i> and Its Microbiome: A Preliminary Study. <i>Microbiology Spectrum</i> , 2021, 9, e0051721.	1.2	3
3846	Surveillance of SARS-CoV-2 lineage B.1.1.7 in Slovakia using a novel, multiplexed RT-qPCR assay. <i>Scientific Reports</i> , 2021, 11, 20494.	1.6	24
3847	Foraminiferal Mn/Ca as Bottomâ€Water Hypoxia Proxy: An Assessment of <i>Nonionella stella</i> in the Santa Barbara Basin, USA. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2020PA004167.	1.3	5
3848	Duplication of spiralian-specific TALE genes and evolution of the blastomere specification mechanism in the bivalve lineage. <i>EvoDevo</i> , 2021, 12, 11.	1.3	4
3849	Differentiation of <i>Penicillium roqueforti</i> from Closely Related Species Contaminating Cheeses and Dairy Environment. <i>Fermentation</i> , 2021, 7, 222.	1.4	1
3850	Comprehensive analysis of lectin-glycan interactions reveals determinants of lectin specificity. <i>PLoS Computational Biology</i> , 2021, 17, e1009470.	1.5	16
3851	Dynamics and origin of rebound viremia in SHIV-infected infant macaques following interruption of long-term ART. <i>JCI Insight</i> , 2021, 6, .	2.3	6
3852	Opportunistic free-living amoebal pathogens. <i>Pathogens and Global Health</i> , 2022, 116, 70-84.	1.0	14
3853	Population genomics and evidence of clonal replacement of <i>Plasmodium falciparum</i> in the Peruvian Amazon. <i>Scientific Reports</i> , 2021, 11, 21212.	1.6	8
3854	Taxonomic Composition of Iris Subser. <i>Chrysographes</i> (Iridaceae) Inferred from Chloroplast DNA and Morphological Analyses. <i>Plants</i> , 2021, 10, 2232.	1.6	3
3855	Species Phylogeny versus Gene Trees: A Case Study of an Incongruent Data Matrix Based on <i>Paphiopedilum</i> Pfitz. (Orchidaceae). <i>International Journal of Molecular Sciences</i> , 2021, 22, 11393.	1.8	3
3856	Comparative Genomics of Copia and Gypsy Retroelements in Three Banana Genomes: A, B, and S Genomes. <i>Pertanika Journal of Science and Technology</i> , 2021, 44, .	0.1	2
3857	The MttB superfamily member MtyB from the human gut symbiont <i>Eubacterium limosum</i> is a cobalamin-dependent Î³-butyrobetaine methyltransferase. <i>Journal of Biological Chemistry</i> , 2021, 297, 101327.	1.6	14
3858	Mechanistic insights into an atypical interaction between ATG8 and SH3P2 in<i>Arabidopsis thaliana</i>. <i>Autophagy</i> , 2022, 18, 1350-1366.	4.3	12
3859	Taxonomic status of grey-headed Yellow Wagtails breeding in western China. <i>Avian Research</i> , 2021, 12, .	0.5	0

#	ARTICLE	IF	CITATIONS
3860	Cenozoic climatic changes drive evolution and dispersal of coastal benthic foraminifera in the Southern Ocean. <i>Scientific Reports</i> , 2021, 11, 19869.	1.6	8
3861	Genomic epidemiology of rifampicin ADP-ribosyltransferase (Arr) in the Bacteria domain. <i>Scientific Reports</i> , 2021, 11, 19775.	1.6	8
3863	Molecular phylogeny of glass sponges (Porifera, Hexactinellida): increased taxon sampling and inclusion of the mitochondrial protein-coding gene, cytochrome oxidase subunit I, 2011, , 11-20.		0
3864	First evaluation of mitochondrial DNA as a marker for phylogeographic studies of <i>Calcarea</i> : a case study from <i>Leucetta chagosensis</i> . , 2012, , 101-106.		1
3865	Genome-wide comparison inferred the origin and evolution of B-cell epitopes on the proteins of human influenza A virus. <i>Health</i> , 2012, 04, 946-954.	0.1	0
3866	Sequence Diversity in the Coat Protein of SCMV Infecting Maize and Sorghum in Brazil. <i>Revista Brasileira De Milho E Sorgo</i> , 2012, 11, 120-136.	0.2	1
3867	Phylogeny. <i>Computational Biology</i> , 2013, , 55-87.	0.1	0
3868	Tree and Network Building. <i>Computational Biology</i> , 2013, , 367-415.	0.1	0
3869	Bacterial Community Structure Shift Driven by Salinity: Analysis of DGGE Band Patterns from Freshwater to Seawater of Hyeongsan River, Korea. <i>Journal of Life Science</i> , 2013, 23, 406-414.	0.2	1
3870	A fragmented alignment method detects a phosphorylation site and a new BRC repeat in the <i>Drosophila melanogaster</i> BRCA2 protein, and a new HAT repeat in Utp6 from yeast. <i>F1000Research</i> , 2013, 2, 143.	0.8	0
3871	A fragmented alignment method detects a putative phosphorylation site and a putative BRC repeat in the <i>Drosophila melanogaster</i> BRCA2 protein. <i>F1000Research</i> , 2013, 2, 143.	0.8	2
3875	Integrated assessment of the state of steppe perennial plant populations in Ukraine as exemplified by <i>Iris pumila</i> . <i>Ukrainian Botanical Journal</i> , 2014, 71, 471-480.	0.1	0
3879	Characterizing alpha helical properties of Ebola viral proteins as potential targets for inhibition of alpha-helix mediated protein-protein interactions. <i>F1000Research</i> , 2014, 3, 251.	0.8	7
3880	Genetic structure and diffusion of population of <i>Coilia ectenes taihuensis</i> in Lake Nansi inferred from the mitochondrial control region. <i>Hupo Kexue/Journal of Lake Sciences</i> , 2015, 27, 686-692.	0.3	2
3881	The Actinobacteria. , 2015, , 505-546.		0
3885	Transcriptome-Based Identification of a Seed Olive Legumin (11S Globulin). Characterization of Subunits, 3D Modelling and Molecular Assessment of Allergenicity. <i>Lecture Notes in Computer Science</i> , 2016, , 59-70.	1.0	0
3886	An Analysis on Host Vulnerability Evaluation of Modern Operating Systems. <i>International Journal of Advanced Computer Science and Applications</i> , 2016, 7, .	0.5	2
3891	Spatial and temporal genetic homogeneity of the Monterey Spanish mackerel, <i>Scomberomorus concolor</i> , in the Gulf of California. <i>PeerJ</i> , 2016, 4, e2583.	0.9	2

#	ARTICLE	IF	CITATIONS
3896	Two new species of Sabulina (Caryophyllaceae) from Washington State, U.S.A.. PhytoKeys, 2017, 81, 79-102.	0.4	2
3898	Morphological and molecular characterization of <i>Theloderma moloch</i> (Anura: Rhacophoridae) from Indo-Burma biodiversity hotspot of northeast India. Science Vision, 2017, 17, 148-159.	1.2	0
3899	A new large tellinid species of the genus <i>Pharaonella</i> from the Ryukyu Archipelago, Japan (Mollusca, Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 34)	0.5	2
3906	<i>Oleiharenicola alkalitolerans</i> gen. nov., sp. nov., a new member of the phylum Verrucomicrobia isolated from an oilsands tailings pond. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 1078-1084.	0.8	11
3909	Taksonomski status misterioznoga <i>Quercus viridis</i> (Trinajsti) iz Hrvatske, temeljen na filogenetskoj analizi. Sumarski List, 2018, 142, 268-268.	0.1	0
3919	Structural and Functional Features of Glutathione Reductase Transcripts from Olive (<i>Olea europaea</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 34	1.0	8
3921	Fully automated sequence alignment methods are comparable to, and much faster than, traditional methods in large data sets: an example with hepatitis B virus. PeerJ, 2019, 7, e6142.	0.9	3
3931	<i>Clostridium fungisolvans</i> sp. nov., a new β -1,3-glucan-decomposing bacterium isolated from anoxic soil subjected to biological soil disinfestation. International Journal of Systematic and Evolutionary Microbiology, 2019, 71, .	0.8	7
3932	<i>Bradyrhizobium agreste</i> sp. nov., <i>Bradyrhizobium glycinis</i> sp. nov. and <i>Bradyrhizobium diversitatis</i> sp. nov., isolated from a biodiversity hotspot of the genus <i>Glycine</i> in Western Australia. International Journal of Systematic and Evolutionary Microbiology, 2021, 71, .	0.8	20
3936	Phylogenetic analysis of Na ⁺ /H ⁺ (NuoL/MrpA) antiporters. Ecorfan, 0, , 8-15.	0.0	0
3941	Additional records of the tropical nest fly, <i>Passeromyia heterochaeta</i> Villeneuve, 1915 (Diptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 34)	0.2	0
3942	Diversity and Molecular Characterization of Mosquitoes (Diptera: Culicidae) in Selected Ecological Regions in Kenya.. F1000Research, 2019, 8, 262.	0.8	2
3945	Redescription and Molecular Characterization of <i>Placobdella pediculata</i> Hemingway, 1908 (Hirudinida: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 34)	0.6	3
3946	Draft Genome Sequence of a Red Basidiomycete Yeast, <i>Symmetrospora coprosmae</i> Strain UCD350, Isolated from Soil in Ireland. Microbiology Resource Announcements, 2019, 8, .	0.3	2
3948	Exploring Toxin Evolution: Venom Protein Transcript Sequencing and Transcriptome-Guided High-Throughput Proteomics. Methods in Molecular Biology, 2020, 2068, 97-127.	0.4	3
3951	Computational Management of Alignment of Multiple Protein Sequences Using ClustalW. Advances in Intelligent Systems and Computing, 2020, , 177-186.	0.5	0
3962	Higher Atazanavir Plasma Exposure in Rats is Associated with Gut Microbiota Changes Induced by Cotrimoxazole. Current Drug Metabolism, 2019, 20, 898-906.	0.7	1
3965	Molecular and physiological characterization of the monosaccharide transporters gene family in <i>Medicago truncatula</i> . Journal of Experimental Botany, 2020, 71, 3110-3125.	2.4	5

#	ARTICLE	IF	CITATIONS
3968	Expression of the zinc finger transcription factor Sp6â€™9 in the velvet worm Euperipatoides kanangrensis suggests a conserved role in appendage development in Panarthropoda. Development Genes and Evolution, 2020, 230, 239-245.	0.4	1
3969	Molecular identification of some Haemaphysalis species (Acari: Ixodidae) using mitochondrial and nuclear evidences in parts of Iran. Systematic and Applied Acarology, 2020, 25, 809-820.	0.5	1
3980	FGF Pyramus Has a Transmembrane Domain and Cell-Autonomous Function in Polarity. Current Biology, 2020, 30, 3141-3153.e5.	1.8	7
3984	Morphological, Molecular, and Biogeographic Evidence for Specific Recognition of Euthamia hirtipes and Euthamia scabra (Asteraceae, Astereae). Systematic Botany, 2020, 45, 658-667.	0.2	1
3985	The Antiviral Activity of Andrographolide, the Active Metabolite from Andrographis paniculata (Burm.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Science and Technology, 2020, 17, 851-866.	0.5	3
3989	Cryptic genetic variation enhances primate L1 retrotransposon survival by enlarging the functional coiled coil sequence space of ORF1p. PLoS Genetics, 2020, 16, e1008991.	1.5	6
3990	Genomic Analysis of a Hospital-Associated Outbreak of Mycobacterium abscessus: Implications on Transmission. Journal of Clinical Microbiology, 2022, 60, JCM0154721.	1.8	10
3991	Toward the robust resolution of taxonomic ambiguity within Lepocinclis (Euglenida) based on DNA sequencing and morphology. Journal of Phycology, 2022, 58, 105-120.	1.0	4
3993	Morphology and molecular phylogeny of Pauciconfibuloides amazonica gen. n. sp. n. (Platyhelminthes,). Tj ETQq0 0 0 rgBT /Overlock 10 Tf International, 2021, 87, 102489.	0.6	1
3994	Phylogenetic Analyses of Chemokine Receptors from Sequence Retrieval to Phylogenetic Trees. Methods in Molecular Biology, 2020, 2108, 313-343.	0.4	0
3996	Preferential dipeptide incorporation of Porphyromonas gingivalis mediated by proton-dependent oligopeptide transporter (Pot). FEMS Microbiology Letters, 2021, 367, .	0.7	5
3997	Variability of the mtDNA Control Region in the Bean Goose, Anser fabalis Latham 1787, in the Russian Far East. Biology Bulletin, 2020, 47, 782-790.	0.1	0
3998	Shewanella baltica strain JD0705 isolated from the mangrove wetland soils in Thailand and characterization of its ligninolytic performance. Biodiversitas, 2020, 22, .	0.2	3
4000	A refined panel of 42 microsatellite loci to universally genotype catarrhine primates. Ecology and Evolution, 2021, 11, 498-505.	0.8	1
4002	Identification and functional characterization of the siRNA pathway in Taenia crassiceps by silencing Enolase A. Acta Tropica, 2022, 225, 106197.	0.9	2
4003	An Easy Protocol for Evolutionary Analysis of Intrinsically Disordered Proteins. Methods in Molecular Biology, 2020, 2141, 147-177.	0.4	4
4004	Exogenous Protein as an Environmental Stimulus of Biofilm Formation in Select Bacterial Strains. Advances in Microbiology, 2020, 10, 123-144.	0.3	2
4005	MARCO Gene Variations and Their Association with Cardiovascular Diseases Development: An In-Silico Analysis. Lecture Notes in Computer Science, 2020, , 203-212.	1.0	0

#	ARTICLE	IF	CITATIONS
4006	Morphological and molecular characterization of <i>Epidorylaimus procerus</i> sp. n. (Dorylaimida: Tj ETQq0 0 0 rgBT /Oyerlock 10 Tf 50 742	0.4	0
4007	<i>Gracilariopsis lemaneiformis</i> (Gracilariaceae, Rhodophyta) in the Mexican Coasts: A Case of Disjunct Distribution?. <i>American Journal of Plant Sciences</i> , 2020, 11, 111-124.	0.3	3
4008	<i>Leptospira interrogans</i> infection in tegu lizard (<i>Tupinambis merianae</i>), Brazil. <i>Ciencia Rural</i> , 2020, 50, .	0.3	4
4009	GGERV20, a recently integrated, segregating endogenous retrovirus in <i>Gallus gallus</i> . <i>Journal of General Virology</i> , 2020, 101, 299-308.	1.3	0
4012	Redescription of the highly endangered species <i>Scutellastra mexicana</i> (Broderip & G.B. Sowerby I, 1829) (Mollusca, Gastropoda). <i>Journal of Natural History</i> , 2020, 54, 991-1007.	0.2	1
4014	Orientation-dependent toxic effect of human papillomavirus type 33 long control region DNA in <i>Escherichia coli</i> cells. <i>Virus Genes</i> , 2020, 56, 298-305.	0.7	2
4015	Widespread use of the â€œascidianâ€•mitochondrial genetic code in tunicates. <i>F1000Research</i> , 2019, 8, 2072.	0.8	2
4018	Type studies and fourteen new North American species of <i>Cortinarius</i> section <i>Anomali</i> reveal high continental species diversity. <i>Mycological Progress</i> , 2021, 20, 1399-1439.	0.5	5
4019	The Sulawesi Thrush (<i>Cataponera turdoides</i> ; Aves: Passeriformes) belongs to the genus <i>Turdus</i> . <i>Zoologica Scripta</i> , 2022, 51, 32.	0.7	2
4020	In Silico End-to-End Proteinâ€“Ligand Interaction Characterization Pipeline: The Case of SARS-CoV-2. <i>ACS Synthetic Biology</i> , 2021, 10, 3209-3235.	1.9	9
4021	Genetic diversification and life-cycle of the polychaete <i>Capitella</i> spp. from the English Channel: evidence for sympatric cryptic species and alternative reproductive strategies. <i>Marine Biology</i> , 2021, 168, 1.	0.7	2
4022	Taxonomic studies of crust fungi with spines in <i>Radulomyces</i> , <i>Sarcodontia</i> , and the new genus <i>Noblesia</i> . <i>Mycological Progress</i> , 2021, 20, 1479-1501.	0.5	5
4023	The nucleoporin Nup50 activates the Ran guanine nucleotide exchange factor RCC1 to promote NPC assembly at the end of mitosis. <i>EMBO Journal</i> , 2021, 40, e108788.	3.5	10
4024	From a case-control survey to a diagnostic viral gastroenteritis panel for testing of general practitionersâ€™ patients. <i>PLoS ONE</i> , 2021, 16, e0258680.	1.1	4
4025	<i>Txikispora philomaios</i> n. sp., n. g., a microâ€“eukaryotic pathogen of amphipods, reveals parasitism and hidden diversity in Class Filasterea. <i>Journal of Eukaryotic Microbiology</i> , 2022, 69, e12875.	0.8	6
4030	<i>Lichenomphalia meridionalis</i> , an agaricoid basidiolichen species new to Central Europe. <i>Herzogia</i> , 2020, 33, 25.	0.1	0
4034	<i>Iris sanguinea</i> is conspecific with <i>I. sibirica</i> (Iridaceae) according to morphology and plastid DNA sequence data. <i>PeerJ</i> , 2020, 8, e10088.	0.9	7
4039	Geographically structured genomic diversity of non-human primate-infecting <i>Treponema pallidum</i> subsp. <i>pertenue</i> . <i>Microbial Genomics</i> , 2020, 6, .	1.0	2

#	ARTICLE	IF	CITATIONS
4040	Molecular Variation and Biogeography of the Common North American Turtle Leech, <i>Placobdella parasitica</i> . <i>Bulletin of the Peabody Museum of Natural History</i> , 2020, 61, .	0.6	1
4041	Redescription and Molecular Characterization of <i>Placobdella michiganensis</i> (Sawyer, 1972) (Hirudinida: Glossiphoniidae). <i>Bulletin of the Peabody Museum of Natural History</i> , 2020, 61, .	0.6	3
4044	Bali Bananas (<i>Musa</i> spp. L.) Genetic Relationship Based on Internal Transcribed Spacer 2 (ITS-2). <i>Pertanika Journal of Science and Technology</i> , 2020, 43, .	0.1	0
4045	Morphology, morphogenesis and molecular phylogeny of the new soil ciliate <i>Sterkiella paratricirrata</i> n. sp. (Ciliophora, Hypotrichia, Oxytrichidae). <i>Journal of Natural History</i> , 2020, 54, 2471-2488.	0.2	0
4046	Additional records of the African fig fly <i>Zaprionus indianus</i> Gupta, 1970 (Diptera: Drosophilidae) for western Iran supported by DNA barcoding. <i>Journal of Animal Diversity</i> , 2020, 2, 16-23.	0.2	2
4047	Assessment of the Genetic Diversity of <i>Ulex europaeus</i> in Maui, California, Hawaii and New Zealand by a Method of Microsatellite Markers. , 2020, 4, .		1
4051	Molecular Detection of <i>Anaplasma marginale</i> and <i>Anaplasma ovis</i> (Rickettsiales: Anaplasmataceae) in Ixodid Tick Species in Iran. <i>Archives of Razi Institute</i> , 2020, 75, 39-46.	0.4	2
4052	Molecular Detection of Spotted Fever Group <i>Rickettsia</i> (Rickettsiales: Rickettsiaceae) in Ticks of Iran. <i>Archives of Razi Institute</i> , 2020, 75, 317-325.	0.4	3
4053	Invasive Japanese foraminifera in a south-west Australian estuary. <i>Marine and Freshwater Research</i> , 2021, , .	0.7	1
4054	Computational molecular phylogeny: concepts and applications. , 2022, , 67-89.		2
4055	Diagnosis, risk factors analysis and first molecular characterization of <i>Cryptosporidium</i> spp. in horses from Rio de Janeiro, Brazil. <i>Veterinary Parasitology: Regional Studies and Reports</i> , 2022, 27, 100665.	0.3	1
4056	Molecular detection and characterization of the endosymbiont <i>Wolbachia</i> in the European hedgehog flea, <i>Archaeopsylla erinacei</i> . <i>Infection, Genetics and Evolution</i> , 2022, 97, 105161.	1.0	2
4057	Monitoring newt communities in urban area using eDNA metabarcoding. <i>PeerJ</i> , 2021, 9, e12357.	0.9	3
4058	<i>Streptococcus bovis</i> -bacteremia: subspecies distribution and association with colorectal cancer: a retrospective cohort study. <i>Epidemiology and Infection</i> , 2022, 150, .	1.0	2
4059	5S rDNA in wind-pollinated trees (<i>Fagus</i> L.) encapsulates 55 million years of reticulate evolution and hybrid origins of modern species. <i>Plant Journal</i> , 2022, 109, 909-926.	2.8	16
4061	New data on the fine structure of <i>Deuteroamoeba mycophaga</i> CCAP 1586/1 (Amoebozoa, Tubulinea). <i>European Journal of Protistology</i> , 2021, 82, 125853.	0.5	0
4062	Rapid Divergence of Key Spermatogenesis Genes in <i>nasuta</i> -Subgroup of <i>Drosophila</i> . <i>Journal of Molecular Evolution</i> , 2022, 90, 2-16.	0.8	0
4063	Comparative Genomic and Transcriptomic Analyses of CHHs and Their Putative Receptors in <i>Scylla paramamosain</i> , <i>Portunus trituberculatus</i> , and <i>Eriocheir sinensis</i> . <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	3

#	ARTICLE	IF	CITATIONS
4064	Population genomics of <i>Monadenia</i> (Gastropoda: Stylommatophora: Xanthonychidae) land snails reveals structuring but gene-flow across distinct species and morphotypes. <i>Conservation Genetics</i> , 2022, 23, 299-311.	0.8	1
4065	A morphological and molecular reinvestigation of <i>Janickina pigmentifera</i> (Grassi, 1881) Chatton 1953 as an amoebozoan parasite of arrow-worms (Chaetognatha). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	0.8	4
4067	Analysis of <i>pir</i> gene expression across the <i>Plasmodium</i> life cycle. <i>Malaria Journal</i> , 2021, 20, 445.	0.8	9
4068	Structure-function analysis of the <i>nsp14 N7</i> guanine methyltransferase reveals an essential role in <i>Betacoronavirus</i> replication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	26
4069	Presence of <i>Notahypsibius pallidoides</i> (Tardigrada: Hypsibiidae) in the fauna of Russia confirmed with the methods of DNA barcoding. <i>Biological Communications</i> , 2021, 66, .	0.4	3
4070	Population analysis of retrotransposons in giraffe genomes supports RTE decline and widespread LINE1 activity in Giraffidae. <i>Mobile DNA</i> , 2021, 12, 27.	1.3	2
4071	Unexpected cryptic species among streptophyte algae most distant to land plants. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20212168.	1.2	22
4072	Detection of <i>Orientia tsutsugamushi</i> in Novel Trombiculid Mite Species in Northern Tamil Nadu, India: Use of Targeting the Multicopy <i>traD</i> Gene. <i>Journal of Medical Entomology</i> , 2022, 59, 693-699.	0.9	7
4073	Molecular Survey of <i>Babesia</i> spp. and <i>Anaplasma phagocytophilum</i> in Roe Deer from a Wildlife Rescue Center in Italy. <i>Animals</i> , 2021, 11, 3335.	1.0	7
4074	Phylogenetic analysis of the Neotropical <i>Albitarsis</i> Complex based on mitogenome data. <i>Parasites and Vectors</i> , 2021, 14, 589.	1.0	4
4075	Genomic Analysis of Global <i>Staphylococcus argenteus</i> Strains Reveals Distinct Lineages With Differing Virulence and Antibiotic Resistance Gene Content. <i>Frontiers in Microbiology</i> , 2021, 12, 795173.	1.5	10
4076	Identification and pathogenicity of <i>Alternaria</i> species associated with leaf blotch disease and premature defoliation in French apple orchards. <i>PeerJ</i> , 2021, 9, e12496.	0.9	13
4078	The Chemosensory Transcriptome of a Diving Beetle. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	1
4079	<i>Vannella mustalahtiana</i> sp. nov. (Amoebozoa, Vannellida) and rainbow trout nodular gill disease (NGD) in Russia. <i>Diseases of Aquatic Organisms</i> , 2022, 148, 29-41.	0.5	5
4080	<i>Mycobacterium fortuitum</i> genomic epidemiology, resistome and virulome. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2022, 116, e210247.	0.8	8
4081	Molecular detection of <i>Leishmania infantum</i> in donkeys and mules under semiarid conditions in Brazil. <i>Brazilian Journal of Veterinary Parasitology</i> , 2021, 30, e015021.	0.2	0
4082	Fungal Planet description sheets: 1284-1382. <i>Persoonia: Molecular Phylogeny and Evolution of Fungi</i> , 2021, 47, 178-374.	1.6	44
4083	Trypanin Disruption Affects the Motility and Infectivity of the Protozoan <i>Trypanosoma cruzi</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 807236.	1.8	3

#	ARTICLE	IF	CITATIONS
4084	Detection of Rickettsia spp. in ring-tailed coatis (<i>Nasua nasua</i>) and ticks of the Iguaçu National Park, Brazilian Atlantic Rainforest. <i>Ticks and Tick-borne Diseases</i> , 2022, 13, 101891.	1.1	8
4085	Rhizosphere analysis of auxin producers harboring the phenylpyruvate decarboxylase pathway. <i>Applied Soil Ecology</i> , 2022, 173, 104363.	2.1	5
4086	Phylogenetic position of <i>Atriophallophorus minutus</i> (Trematoda: Microphallidae), the type-species of the genus <i>Atriophallophorus</i> Deblock & Ros, 1964, based on partial 28S rDNA gene sequence. <i>Parasitology International</i> , 2022, 87, 102534.	0.6	3
4087	The first record of <i>Rickettsia hoogstraalii</i> (Rickettsiales: Tj ETQq1 1 0.784314 rgBT /Overlock 10) Applied <i>Acarology</i> , 2020, 25, 1611-1617.	0.5	4
4088	Identification of a novel type of glucose dehydrogenase involved in the mineral weathering ability of <i>Collimonas pratensis</i> strain PMB3(1). <i>FEMS Microbiology Ecology</i> , 2020, 97, .	1.3	3
4089	Contribution to the taxonomic revision of <i>Brachycorythis</i> -complex (Orchidaceae, Orchidoideae). <i>Biodiversity Research and Conservation</i> , 2021, 62, 5-117.	0.2	0
4091	HIV-2/SIV Vpx antagonises NF- κ B activation by targeting p65. <i>Retrovirology</i> , 2022, 19, 2.	0.9	7
4092	<i>Thecamoeba vumurta</i> n. sp. (Amoebozoa, Discosea, Thecamoebida) from freshwater pond sediment – a sibling species of <i>T. striata</i> (Penard, 1890) Schaeffer, 1926. <i>European Journal of Protistology</i> , 2022, 83, 125866.	0.5	2
4093	Phylogenetic Diversity and Mycotoxin Potential of Emergent Phytopathogens Within the <i>Fusarium tricinctum</i> Species Complex. <i>Phytopathology</i> , 2022, 112, 1284-1298.	1.1	12
4094	Global diversity and distribution of aerobic anoxygenic phototrophs in the tropical and subtropical oceans. <i>Environmental Microbiology</i> , 2022, 24, 2222-2238.	1.8	10
4095	Prokaryotic diversity across a pH gradient in the El Chichón crater-lake: a naturally thermo-acidic environment. <i>Extremophiles</i> , 2022, 26, 8.	0.9	2
4097	Shedding light on species boundaries in small endogeic animals through an integrative approach: species delimitation in the centipede <i>Clinopodes carinthiacus</i> (Chilopoda: Geophilidae) in the south-eastern Alps. <i>Zoological Journal of the Linnean Society</i> , 2022, 196, 902-923.	1.0	5
4099	Changes in Metabolic Regulation and the Microbiota Composition after Supplementation with Different Fatty Acids in db/db Mice. <i>International Journal of Food Science</i> , 2022, 2022, 1-14.	0.9	1
4100	Horizontal and vertical distribution of <i>Gambierdiscus</i> spp. (Dinophyceae) including novel phylotypes in Japan identified by 18S rDNA metabarcoding. <i>Harmful Algae</i> , 2022, 111, 102163.	2.2	7
4101	Weak population spatial genetic structure and low infraspecific specificity for fungal partners in the rare mycoheterotrophic orchid <i>Epipogium aphyllum</i> . <i>Journal of Plant Research</i> , 2022, 135, 275.	1.2	2
4102	Rapid genetic divergence and mitonuclear discordance in the Taliang knobby newt (&Liangshantriton taliangensis; Salamandridae, Caudata) and their driving forces. <i>Zoological Research</i> , 2022, 43, 129-146.	0.9	8
4104	The Odilorhabdin Antibiotic Biosynthetic Cluster and Acetyltransferase Self-Resistance Locus Are Niche and Species Specific. <i>MBio</i> , 2022, 13, e0282621.	1.8	8
4105	Phylogenetics and host-specificity of the mega-diverse louse genus <i>Myrsidea</i> (Amblycera: Tj ETQq1 1 0.784314 rgBT /Overlock 10)	1.7	5

#	ARTICLE	IF	CITATIONS
4106	Balamuthia spinosa n. sp. (Amoebozoa, Discosea) from the brackish-water sediments of NivÅ¥ Bay (Baltic) Tj ETQq0 0 0 rgBT /Overlock Research, 2022, 121, 713-724.	0.6	3
4107	Neofunctionalization of Glycolytic Enzymes: An Evolutionary Route to Plant Parasitism in the Oomycete Phytophthora nicotianae. Microorganisms, 2022, 10, 281.	1.6	3
4108	Structure-function relationship between soluble epoxide hydrolases structure and their tunnel network. Computational and Structural Biotechnology Journal, 2022, 20, 193-205.	1.9	4
4109	Prevotella herbatica sp. nov., a plant polysaccharide-decomposing anaerobic bacterium isolated from a methanogenic reactor. International Journal of Systematic and Evolutionary Microbiology, 2022, 72, .	0.8	4
4110	Organelle Phylogenomics and Extensive Conflicting Phylogenetic Signals in the Monocot Order Poales. Frontiers in Plant Science, 2021, 12, 824672.	1.7	9
4111	Genome analysis of Pseudomonas sp. 14A reveals metabolic capabilities to support epiphytic behavior. World Journal of Microbiology and Biotechnology, 2022, 38, 49.	1.7	1
4112	Sequence and Structure-Based Analyses of Human Ankyrin Repeats. Molecules, 2022, 27, 423.	1.7	0
4113	Indirect Routes to Aminoacyl-tRNA: The Diversity of Prokaryotic Cysteine Encoding Systems. Frontiers in Genetics, 2021, 12, 794509.	1.1	4
4114	High prevalence of Paramarteilia canceri infecting velvet swimming crabs Necora puber in Ireland. Diseases of Aquatic Organisms, 2022, 148, 167-181.	0.5	3
4115	cpSSR and High-Resolution Melting Analysis (HRM) for Pinus pseudostrobus Lindl. Variety Genotyping and Discrimination. Forests, 2022, 13, 200.	0.9	1
4116	Habitat fragmentation in the Brazilian Atlantic Forest is associated with erosion of frog immunogenetic diversity and increased fungal infections. Immunogenetics, 2022, 74, 431-441.	1.2	8
4118	Multi-Gene Phylogeny of the Ciliate Genus Trachelostyla (Ciliophora, Hypotrichia), With Integrative Description of Two Species, Trachelostyla multinucleata Spec. nov. and T. pediculiformis (Cohn, 1866). Frontiers in Microbiology, 2021, 12, 775570.	1.5	5
4119	Morphogenesis and molecular phylogeny of a freshwater ciliate, Oxytricha multilineata n. sp. (Ciliophora, Hypotrichia). European Journal of Protistology, 2022, 82, 125864.	0.5	5
4120	Strong Philopatry, Isolation by Distance, and Local Habitat Have Promoted Genetic Structure in Heermannâ€™s Gull. Diversity, 2022, 14, 108.	0.7	3
4121	Widespread sharing of pneumococcal strains in a rural African setting: proximate villages are more likely to share similar strains that are carried at multiple timepoints. Microbial Genomics, 2022, 8, .	1.0	1
4122	The barley mutant happy under the sun 1 (hus1): An additional contribution to pale green crops. Environmental and Experimental Botany, 2022, 196, 104795.	2.0	6
4124	Complete pan-plastome sequences enable high resolution phylogenetic classification of sugar beet and closely related crop wild relatives. BMC Genomics, 2022, 23, 113.	1.2	10
4126	First insights on the diversity of the genus Ostreopsis (Dinophyceae, Gonyaulacales) in Guadeloupe Island, with emphasis on the phylogenetic position of O. heptagona. European Journal of Protistology, 2022, 83, 125875.	0.5	5

#	ARTICLE	IF	CITATIONS
4127	Tracking ebolavirus genomic drift with a resequencing microarray. PLoS ONE, 2022, 17, e0263732.	1.1	1
4129	Molecular identification and post-prandial regulation of glucose carrier proteins in the hindgut of Pacific hagfish, <i>Eptatretus stoutii</i> . American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2022, , .	0.9	1
4130	Advances in the Molecular Cytogenetics of Bananas, Family Musaceae. Plants, 2022, 11, 482.	1.6	7
4131	A New Gene Family Diagnostic for Intracellular Biomineralization of Amorphous Ca Carbonates by Cyanobacteria. Genome Biology and Evolution, 2022, 14, .	1.1	14
4132	New species of <i>Gromia</i> (Protista, Rhizaria) from South Georgia and the Falkland Islands. Polar Biology, 2022, 45, 647-666.	0.5	3
4133	Molecular characterization of methicillin-resistant <i>Staphylococcus aureus</i> genotype ST764-SCCmec type II in Thailand. Scientific Reports, 2022, 12, 2085.	1.6	8
4134	Redescription of <i>Bakuella</i> (<i>Bakuella</i>) <i>marina</i> Agamaliyev and Alekperov, 1976 (Protozoa, Hypotrichia), With Notes on Its Morphology, Morphogenesis, and Molecular Phylogeny. Frontiers in Microbiology, 2021, 12, 774226.	1.5	4
4135	Species authentication of canned mackerel: Challenges in molecular identification and potential drivers of mislabelling. Food Control, 2022, 137, 108880.	2.8	14
4136	Reproductive isolation among lineages of <i>Silene nutans</i> (Caryophyllaceae): A potential involvement of plastid-nuclear incompatibilities. Molecular Phylogenetics and Evolution, 2022, 169, 107436.	1.2	8
4137	Molecular Analysis Reveals a High Diversity of Anopheline Mosquitoes in Yanomami Lands and the Pantanal Region of Brazil. Genes, 2021, 12, 1995.	1.0	2
4138	Carbon assimilating fungi from surface ocean to seafloor revealed by coupled phylogenetic and stable isotope analysis. ISME Journal, 2022, 16, 1245-1261.	4.4	22
4139	Whole-genome sequencing links <i>Clostridium</i> (<i>Clostridioides</i>) <i>difficile</i> in a single hospital to diverse environmental sources in the community. Journal of Applied Microbiology, 2022, 133, 1156-1168.	1.4	13
4140	End of a mystery: Integrative approach reveals the phylogenetic position of an enigmatic Antarctic tardigrade genus <i>Ramajendas</i> (Tardigrada, Eutardigrada). Zoologica Scripta, 2022, 51, 217-231.	0.7	5
4142	Morphology and Morphogenesis of the Hypotrich Ciliate <i>Parentocirrus hortualis</i> ; Voss, 1997, With Notes on the Phylogeny of <i>Parentocirrus</i> (Ciliophora, Hypotrichia). SSRN Electronic Journal, 0, , .	0.4	0
4143	First Report of <i>Neusicoccum luteum</i> as the Causal Agent of Canker and Die-Back of <i>Cupressus sempervirens</i> . Silva Lusitana, 2021, 29, 101-114.	0.1	0
4144	<i>Cyphellostereum ushimanum</i> sp. nov. (Hygrophoraceae, Agaricales) described from Amami-Oshima Island (Kagoshima Prefecture, Ryukyu Islands), Japan, with ultrastructural observations of its Rhizonema photobiont filaments penetrated longitudinally by a central haustorium. Mycological Progress, 2022, 21, 167-179.	0.5	1
4145	First molecular phylogeny and species delimitation of West Palaearctic <i>Pollenia</i> (Diptera): Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 100	1.0	5
4147	Microbial Biofilms Along a Geochemical Gradient at the Shallow-Water Hydrothermal System of Vulcano Island, Mediterranean Sea. Frontiers in Microbiology, 2022, 13, 840205.	1.5	6

#	ARTICLE	IF	CITATIONS
4148	Evaluation of Genetic Variations of <i>Mangifera</i> sp. in Southern Vietnam. <i>Asian Journal of Plant Sciences</i> , 2022, 21, 169-182.	0.2	0
4149	Functional Classification and Characterization of the Fungal Glycoside Hydrolase 28 Protein Family. <i>Journal of Fungi</i> (Basel, Switzerland), 2022, 8, 217.	1.5	6
4150	A Fast-Growing Oleaginous Strain of <i>Coelastrella</i> Capable of Astaxanthin and Canthaxanthin Accumulation in Phototrophy and Heterotrophy. <i>Life</i> , 2022, 12, 334.	1.1	7
4152	Phylogenetic Relationships and Taxonomy of the Carp Fish of Genus <i>Hemiculter</i> (Cyprinidae.) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 182</i>	0.2	3
4153	The species of <i>Oxytropis</i> DC. of section <i>Gloecephala</i> Bunge (Fabaceae) from Northeast Asia: genetic diversity and relationships based on sequencing of the intergenic spacers of cpDNA and ITS nrDNA. <i>Genetica</i> , 2022, 150, 117-128.	0.5	3
4154	Mosaic cis-regulatory evolution drives transcriptional partitioning of HERVH endogenous retrovirus in the human embryo. <i>ELife</i> , 2022, 11, .	2.8	31
4155	Phylogenetic Position of Whitefish <i>Coregonus lavaretus</i> (L.) from Teletskoye Lake (Siberia) Based on Complete Mitochondrial DNA. <i>Russian Journal of Genetics</i> , 2022, 58, 235-240.	0.2	1
4156	Low Endosymbiont Incidence in <i>Drosophila</i> Species Across Peninsula Thailand. <i>Microbial Ecology</i> , 2022, , 1.	1.4	0
4158	Murine Model for Measuring Effects of Humanized-Dosing of Antibiotics on the Gut Microbiome. <i>Frontiers in Microbiology</i> , 2022, 13, 813849.	1.5	1
4159	Phylogenetic Evidence for the Lissorchiid Concept of the Genus <i>Anarhichotrema</i> Shimazu, 1973 (Trematoda, Digenea). <i>Diversity</i> , 2022, 14, 147.	0.7	2
4160	The oleaginous yeast <i>Pichia manshurica</i> isolated from <i>Lansium domesticum</i> fruit in Thailand and its fatty acid composition of single cell oil. <i>Biodiversitas</i> , 2022, 23, .	0.2	3
4161	The Diversity and Abundance of Soft Rot <i>Pectobacteriaceae</i> Along the Durance River Stream in the Southeast of France Revealed by Multiple Seasonal Surveys. <i>Phytopathology</i> , 2022, 112, 1676-1685.	1.1	10
4162	Multiple Arbuscular Mycorrhizal Fungal Consortia Enhance Yield and Fatty Acids of <i>Medicago sativa</i> : A Two-Year Field Study on Agronomic Traits and Tracing of Fungal Persistence. <i>Frontiers in Plant Science</i> , 2022, 13, 814401.	1.7	13
4163	From Phenotypes to Genotypes and Back: Toward an Integrated Evaluation of Biodiversity in Calanoid Copepods. <i>Frontiers in Marine Science</i> , 2022, 9, .	1.2	4
4164	Morphology and spicules elemental composition of <i>Marophrys nikolaevi</i> spec. nov. (Haptista:) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 182</i>	0.5	3
4165	A severe microsporidian disease in cultured Atlantic Bluefin Tuna (<i>Thunnus thynnus</i>). <i>IMA Fungus</i> , 2022, 13, 5.	1.7	0
4166	Cryo-EM structure of the plant 26S proteasome. <i>Plant Communications</i> , 2022, 3, 100310.	3.6	7
4168	Molecular Phylogeny and Taxonomic Revision of the Genus <i>Diastatea</i> (Campanulaceae:) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 182</i>	0.2	3

#	ARTICLE	IF	CITATIONS
4169	Resistome characterization of extended-spectrum beta-lactamase (ESBL)-producing <i>Escherichia coli</i> isolated from wastewater treatment utilities in Oregon. <i>Journal of Water and Health</i> , 2022, 20, 670-679.	1.1	0
4170	<i>Cicada</i> minimum age tree: Cryptic speciation and exponentially increasing base substitution rates in recent geologic time. <i>F1000Research</i> , 0, 11, 308.	0.8	1
4171	A new obligate groundwater species of <i>Asellus</i> (Isopoda, Asellidae) from Iran. <i>Subterranean Biology</i> , 0, 42, 97-124.	5.0	4
4172	Morphoanatomy and phylogenetics reveals a distinct species of <i>Oxalis</i> sect. <i>Polymorphae</i> (Oxalidaceae) from the Brazilian Atlantic forest. <i>Plant Systematics and Evolution</i> , 2022, 308, .	0.3	3
4173	Compatibility of Diatom Valve Records With Sedimentary Ancient DNA Amplicon Data: A Case Study in a Brackish, Alkaline Tibetan Lake. <i>Frontiers in Earth Science</i> , 2022, 10, .	0.8	8
4174	Insights From the <i>Lactobacillus johnsonii</i> Genome Suggest the Production of Metabolites With Antibiofilm Activity Against the Pathobiont <i>Candida albicans</i> . <i>Frontiers in Microbiology</i> , 2022, 13, 853762.	1.5	23
4175	Stasis and diversity in living fossils: Species delimitation and evolution of lingulid brachiopods. <i>Molecular Phylogenetics and Evolution</i> , 2022, 175, 107460.	1.2	5
4176	Production of Putrescine and Cadaverine by <i>Paucilactobacillus wasatchensis</i> . <i>Frontiers in Microbiology</i> , 2022, 13, 842403.	1.5	7
4177	Molecular phylogeny and speciation patterns in host-specific monogeneans (<i>Cichlidogyrus</i>). <i>Journal for Parasitology</i> , 2022, , .	1.3	9
4179	Draft Sequencing Crested Wheatgrass Chromosomes Identified Evolutionary Structural Changes and Genes and Facilitated the Development of SSR Markers. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3191.	1.8	6
4180	Sequential development of several RT-qPCR tests using LNA nucleotides and dual probe technology to differentiate SARS-CoV-2 from influenza A and B. <i>Microbial Biotechnology</i> , 2022, 15, 1995-2021.	2.0	6
4182	The Type IV Pilus of Plasmid TP114 Displays Adhesins Conferring Conjugation Specificity and Is Important for DNA Transfer in the Mouse Gut Microbiota. <i>Microbiology Spectrum</i> , 2022, 10, e0230321.	1.2	5
4184	Evaluating thermal performance of closely related taxa: Support for hotter is not better, but for unexpected reasons. <i>Ecological Monographs</i> , 2022, 92, .	2.4	7
4185	Evaluation of the Taxonomic Status of Lesser Egyptian Jerboa, <i>Jaculus jaculus</i> : First Description of New Phylogroups in Tunisia. <i>Animals</i> , 2022, 12, 758.	1.0	2
4186	Characterization of the glutathione S-transferase genes in the sand flies <i>Phlebotomus papatasi</i> and <i>Lutzomyia longipalpis</i> shows expansion of the novel glutathione S-transferase (X) class. <i>Insect Molecular Biology</i> , 2022, 31, 417-433.	1.0	4
4187	Phylogeography of the Chocó Endemic Rainbow Characin (Teleostei: Rhoadsia). <i>Ichthyology and Herpetology</i> , 2022, 110, .	0.3	1
4188	Crimean-Congo hemorrhagic fever virus in ticks collected from imported camels in Egypt. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 2597-2603.	1.8	8
4189	New data in Porotheleaceae and Cyphellaceae: epitypification of <i>Prunulus scabripes</i> Murrill, the status of <i>Mycopan Redhead</i> , <i>Moncalvo</i> & <i>Vilgaly</i> s and a new combination in <i>Pleurella</i> Horak emend.. <i>Mycological Progress</i> , 2022, 21, 1.	0.5	6

#	ARTICLE	IF	CITATIONS
4190	Microbialites show a distinct cyanobacterial phylogenetic structure and functional redundancy in Bacalar lagoon and Cenote Azul sinkhole, Yucatan peninsula, Mexico. <i>FEMS Microbiology Ecology</i> , 2022, , .	1.3	0
4191	Genetic Diversity and Structure of <i>Quercus hondae</i> , a Rare Evergreen Oak Species in Southwestern Japan. <i>Forests</i> , 2022, 13, 579.	0.9	0
4192	Occurrence of hepatitis E virus (HEV) in Calabrian wild boars. <i>International Journal of Food Microbiology</i> , 2022, 371, 109671.	2.1	8
4194	Australian <i>Bryobia</i> mites (Trombidiformes: Tetranychidae) form a complex of cryptic taxa with unique climatic niches and insecticide responses. <i>Pest Management Science</i> , 2022, , .	1.7	0
4195	Assessing methods for mitigating fungal contamination in freshwater mussel in vitro propagation. <i>Hydrobiologia</i> , 0, , 1.	1.0	0
4196	Pollinator sharing, copollination, and speciation by host shifting among six closely related dioecious fig species. <i>Communications Biology</i> , 2022, 5, 284.	2.0	11
4199	Light-harvesting complex gene regulation by a MYB-family transcription factor in the marine diatom, <i>Phaeodactylum tricornutum</i> . <i>Photosynthesis Research</i> , 2022, 153, 59-70.	1.6	3
4200	Development of a 17-Plex of Penta- and Tetra-Nucleotide Microsatellites for DNA Profiling and Paternity Testing in Horses. <i>Frontiers in Veterinary Science</i> , 2022, 9, 861623.	0.9	3
4201	Morphological and phylogenetic investigations shed light on evolutionary relationships of the enigmatic genus <i>Copemetopus</i> (Ciliophora, Alveolata), with the proposal of <i>Copemetopus verae</i> sp. nov.. <i>European Journal of Protistology</i> , 2022, 83, 125878.	0.5	10
4202	Orphan gene in <i>Littorina</i> : An unexpected role of symbionts in the host evolution. <i>Gene</i> , 2022, 824, 146389.	1.0	4
4203	Toxicity and growth characteristics of epiphytic dinoflagellate <i>Gambierdiscus silvae</i> in Japan. <i>Harmful Algae</i> , 2022, 115, 102230.	2.2	1
4204	NSDPY: A python package to download DNA sequences from NCBI. <i>SoftwareX</i> , 2022, 18, 101038.	1.2	4
4205	Functional characterization of monothiol and dithiol glutaredoxins from <i>Leptospira interrogans</i> . <i>Biochimie</i> , 2022, 197, 144-159.	1.3	3
4206	Molecular identification and morphological description of <i>Theloderma albopunctatum</i> tadpoles from the Phu Khiao-Nam Nao Forest Complex, northeastern Thailand. <i>Biodiversitas</i> , 2021, 22, .	0.2	0
4207	Ecology, conservation status, and phylogenetic placement of endemic <i>Pristimantis</i> frogs (Anura: Craugastoridae) in Trinidad and Tobago and genetic affinities to northern Venezuela. <i>Population Ecology</i> , 0, , .	0.7	0
4209	DNA Sequence-Based Identification of <i>Fusarium</i> : A Work in Progress. <i>Plant Disease</i> , 2022, 106, 1597-1609.	0.7	48
4210	↳ Intraspecific variation of some brown <i>Parmeliae</i> (in Poland) – a comparison of ITS rDNA and non-molecular characters. <i>Mycologia</i> , 2021, 85, 127-160.	0.8	4
4211	Découverte d'une nouvelle population de <i>Rhithrogena delphinensis</i> Sowa & Degrange, 1987, dans le massif des Arves, et compléments à la description de la larve (Ephemeroptera, Heptageniidae). <i>Bulletin De La Société Entomologique De France</i> , 2021, 126, 401-420.	0.1	2

#	ARTICLE	IF	CITATIONS
4212	A Novel Target (Oxidation Resistant 2) in <i>Arabidopsis thaliana</i> to Reduce Clubroot Disease Symptoms via the Salicylic Acid Pathway without Growth Penalties. <i>Horticulturae</i> , 2022, 8, 9.	1.2	3
4213	Insertion Specificity of the hATx-6 Transposase of <i>Hydra magnipapillata</i> . <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 734154.	1.6	2
4214	Genome-Wide Identification of Key Components of RNA Silencing in Two <i>Phaseolus vulgaris</i> Genotypes of Contrasting Origin and Their Expression Analyses in Response to Fungal Infection. <i>Genes</i> , 2022, 13, 64.	1.0	4
4217	Beta hemolysin gene of <i>Staphylococcus</i> phage 3AJ_2017 genome is a suitable molecular marker for identification and characterization of pathogenic <i>Staphylococcus aureus</i> . <i>Veterinary Medicine and Science</i> , 2022, 8, 845-851.	0.6	2
4218	Finding Aquaporins in Annelids: An Evolutionary Analysis and a Case Study. <i>Cells</i> , 2021, 10, 3562.	1.8	2
4219	Polyclonal Broadly Neutralizing Antibody Activity Characterized by CD4 Binding Site and V3-Glycan Antibodies in a Subset of HIV-1 Virus Controllers. <i>Frontiers in Immunology</i> , 2021, 12, 670561.	2.2	3
4220	<i>Talaromyces saxoxalicus</i> sp. nov., isolated from the limestone walls of the Old Cathedral of Coimbra, Portugal. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	0.8	1
4221	Evidence for the agricultural origin of resistance to multiple antimicrobials in <i>Aspergillus fumigatus</i> , a fungal pathogen of humans. <i>G3: Genes, Genomes, Genetics</i> , 2022, 12, .	0.8	24
4222	DNA Barcoding of <i>Adiantum</i> (Pteridaceae: Vittarioideae) in Puerto Rico. <i>Caribbean Journal of Science</i> , 2021, 51, .	0.2	1
4226	Linear plasmids in <i>Klebsiella</i> and other Enterobacteriaceae. <i>Microbial Genomics</i> , 2022, 8, .	1.0	3
4227	Molecular and morphological diversity in the <i>Rhombisporum</i> clade of the genus <i>Entoloma</i> with a note on <i>E. cocles</i> . <i>Mycological Progress</i> , 2022, 21, 1.	0.5	1
4228	A New Species of the Pond Loaches <i>Misgurnus</i> (Cobitidae) from the South of Sakhalin Island. <i>Journal of Ichthyology</i> , 2022, 62, 356-372.	0.2	8
4229	<i>Streptomyces griseicoloratus</i> sp. nov., isolated from soil in cotton fields in Xinjiang, China. <i>Archives of Microbiology</i> , 2022, 204, 254.	1.0	1
4230	Microbial Activities and Selection from Surface Ocean to Subseafloor on the Namibian Continental Shelf. <i>Applied and Environmental Microbiology</i> , 2022, 88, e0021622.	1.4	4
4231	Hospital outbreak of carbapenem-resistant Enterobacterales associated with a bla OXA-48 plasmid carried mostly by <i>Escherichia coli</i> ST399. <i>Microbial Genomics</i> , 2022, 8, .	1.0	3
4232	Dynamic evolutionary history of spiralian-specific <i>scp>TALE</scp></i> homeobox genes in mollusks. <i>Development Growth and Differentiation</i> , 2022, 64, 198-209.	0.6	2
4233	Functional differentiation and complementation of alkaline phosphatases and choreography of DOP scavenging in a marine diatom. <i>Molecular Ecology</i> , 2022, 31, 3389-3399.	2.0	12
4234	A newly emerging alphasatellite affects banana bunchy top virus replication, transcription, siRNA production and transmission by aphids. <i>PLoS Pathogens</i> , 2022, 18, e1010448.	2.1	11

#	ARTICLE	IF	CITATIONS
4235	Polychlorinated cyclopentenes from a marine derived <i>Periconia</i> sp. (strain G1144). <i>Phytochemistry</i> , 2022, 199, 113200.	1.4	2
4476	Genetic and geographical delineation of zoonotic vector-borne helminths of canids. <i>Scientific Reports</i> , 2022, 12, 6699.	1.6	6
4478	<i>Carterina Labinea</i> Sp. Nov. – a New Alien Foraminifer from the Southeastern Mediterranean Shelf. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
4479	Discovery of a new scale worm (Annelida: Polynoidae) with presumed deep-sea affinities from an anchialine cave in the Balearic Islands (western Mediterranean). <i>Zoological Journal of the Linnean Society</i> , 2022, 196, 479-502.	1.0	1
4480	<i>Typha lepechinii</i> Mavrodiev et Kapit. sp. nov. (Typhaceae Juss.) – A New Endangered Endemic Cattail in the Outmost East of European Russia. <i>Taxonomy</i> , 2022, 2, 180-195.	0.4	2
4481	Phylogenetic inferences using nuclear ribosomal ITS and chloroplast sequences provide insights into the biogeographic origins, diversification timescales and trait evolution of <i>Rubus</i> in the Japanese Archipelago. <i>Plant Systematics and Evolution</i> , 2022, 308, 1.	0.3	5
4482	Coexistence mechanisms of <i>Colocasiomyia</i> species (Diptera: Drosophilidae) sharing inflorescences of <i>Alocasia odora</i> (Araceae) as a host plant: Comparison between two and three species systems. <i>Entomological Science</i> , 2022, 25, .	0.3	2
4483	First record of <i>Patagifer bilobus</i> (Rudolphi, 1819) Dietz, 1909 (Digenea: Echinostomatidae), with a morphological and molecular characterization from two threskiornithid species in Mexico. <i>Parasitology Research</i> , 2022, 121, 1921-1935.	0.6	3
4484	Diversity Patterns of Protists Are Highly Affected by Methods Disentangling Biological Variants: A Case Study in <i>Oligotrich</i> (s.l.) Ciliates. <i>Microorganisms</i> , 2022, 10, 913.	1.6	2
4485	Protease and gag diversity and drug resistance mutations among treatment-naïve Mexican people living with HIV. <i>BMC Infectious Diseases</i> , 2022, 22, 447.	1.3	2
4486	Taxonomy and phylogeny of the phlegmacioid clade <i>Camptori</i> (<i>Cortinarius</i> s.l., Basidiomycota) in Europe with description of four new species. <i>Mycological Progress</i> , 2022, 21, .	0.5	0
4487	Integrative studies on the taxonomy and molecular phylogeny of four new <i>Pleuronema</i> species (Protozoa, Ciliophora, Scuticociliatia). <i>Marine Life Science and Technology</i> , 2022, 4, 179-200.	1.8	19
4488	Phenotypic plasticity in <i>Cassiopea ornata</i> (Cnidaria: Scyphozoa: Rhizostomeae) suggests environmentally driven morphology. <i>Zoomorphology</i> , 2022, 141, 115-131.	0.4	5
4489	The Broad Host Range Plant Pathogen <i>Dickeya dianthicola</i> Shows a High Genetic Diversity. <i>Microorganisms</i> , 2022, 10, 1024.	1.6	2
4490	Membrane trafficking functions of the ANTH/ENTH/VHS domain-containing proteins in plants. <i>FEBS Letters</i> , 2022, 596, 2256-2268.	1.3	7
4491	Vertical HIV-1 Transmission in the Setting of Maternal Broad and Potent Antibody Responses. <i>Journal of Virology</i> , 2022, 96, e0023122.	1.5	2
4492	Host plants and insecticides shape the evolution of genetic and clonal diversity in a major aphid crop pest. <i>Evolutionary Applications</i> , 2022, 15, 1653-1669.	1.5	5
4493	From the comparative study of a circRNA originating from an mammalian ATXN2L intron to understanding the genesis of intron lariat-derived circRNAs. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2022, 1865, 194815.	0.9	1

#	ARTICLE	IF	CITATIONS
4494	Nucleotide substitutions in the <i>mexR</i> , <i>nalC</i> and <i>nalD</i> regulator genes of the MexAB-OprM efflux pump are maintained in <i>Pseudomonas aeruginosa</i> genetic lineages. <i>PLoS ONE</i> , 2022, 17, e0266742.	1.1	10
4495	Non-canonical nematode endogenous retroviruses resulting from RNA virus glycoprotein gene capture by a metavirus. <i>Journal of General Virology</i> , 2022, 103, .	1.3	1
4496	Cryptic Diversity in <i>Paramecium multimicronucleatum</i> Revealed with a Polyphasic Approach. <i>Microorganisms</i> , 2022, 10, 974.	1.6	7
4497	Global phylogeny of the Shiitake mushroom and related <i>Lentinula</i> species uncovers novel diversity and suggests an origin in the Neotropics. <i>Molecular Phylogenetics and Evolution</i> , 2022, 173, 107494.	1.2	8
4498	The lichen photobiont genus <i>Rhizonema</i> (Cyanobacteria) exhibits diverse modes of branching, both false and true. <i>Journal of Phycology</i> , 2022, , .	1.0	1
4499	Unique genetic structure of the human tapeworm <i>Dibothriocephalus latus</i> from the Alpine lakes region – a successful adaptation?. <i>Parasitology</i> , 2022, 149, 1106-1118.	0.7	5
4500	Species identification of bacterial communities in the small brown planthopper, <i>Laodelphax striatellus</i> (Hemiptera: Delphacidae). <i>Journal of Applied Entomology</i> , 0, , .	0.8	1
4503	Circumscription and typification of sphagnicolous omphalinoid species of <i>Arrhenia</i> (Hygrophoraceae) in Newfoundland and Labrador: three obligate and one facultative species. <i>Mycological Progress</i> , 2022, 21, .	0.5	2
4504	Is <i>Gymnophallus</i> Odhner, 1900 (Trematoda: Gymnophallidae) polyphyletic? A new hypothesis based on phylogenetic position of <i>Gymnophallus deliciosus</i> (Olsson, 1893). <i>Parasitology Research</i> , 0, , .	0.6	1
4506	Do not judge a book by its cover: would <i>Triatoma tibiamaculata</i> (Pinto, 1926) belong to <i>Triatoma Laporte</i> , 1832, or to <i>Panstrongylus</i> Berg, 1879, with misleading homoplasies?. <i>Parasites and Vectors</i> , 2022, 15, .	1.0	2
4507	New Insights into the Taxonomy of Bacteria in the Genomic Era and a Case Study with Rhizobia. <i>International Journal of Microbiology</i> , 2022, 2022, 1-19.	0.9	12
4509	PhyloHerb: A high-throughput phylogenomic pipeline for processing genome skimming data. <i>Applications in Plant Sciences</i> , 2022, 10, .	0.8	14
4513	Genital Transmission of <i>Leptospira</i> Spp from Female Goats Managed in the Brazilian Semi-arid. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
4514	Performance of Xpert HIV-1 viral load test in Senegal: a country of high circulation of CRF02_AG. <i>Pan African Medical Journal</i> , 0, 42, .	0.3	0
4515	Tepache: A Pre-Hispanic Fermented Beverage as a Potential Source of Probiotic Yeasts. <i>ACS Symposium Series</i> , 0, , 135-147.	0.5	0
4517	First report of <i>Meloidogyne enterolobii</i> on chard (<i>Beta vulgaris</i> subsp. <i>vulgaris</i>) and carrot (<i>Daucus</i>) Tj ETQq1 1 0.784314 rgBJ /Overlo	1.6	2
4518	iBIS2Analyzer: a web server for a phylogeny-driven coevolution analysis of protein families. <i>Nucleic Acids Research</i> , 0, , .	6.5	3
4519	Trematodes of Genera <i>Cyrabascus</i> and <i>Parabascus</i> from Bats in European Russia: Morphology and Molecular Phylogeny. <i>Biology</i> , 2022, 11, 878.	1.3	3

#	ARTICLE	IF	CITATIONS
4520	Transcriptional Basis for Haustorium Formation and Host Establishment in Hemiparasitic <i>Psittacanthus schiedeanus</i> Mistletoes. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	4
4521	Polyphasic Characterization of Four <i>Aspergillus</i> Species as Potential Biocontrol Agents for White Mold Disease of Bean. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 626.	1.5	7
4522	Phylogenetic study of the New Caledonian endemic genus <i>Adenodaphne</i> (<i>Lauraceae</i>) confirms its synonymy with <i>Litsea</i> . <i>Botany Letters</i> , 2023, 170, 479-487.	0.7	1
4523	Rhodolith Physiology Across the Atlantic: Towards a Better Mechanistic Understanding of Intra- and Interspecific Differences. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	2
4524	Evolution of Multiple Domains of the HIV-1 Envelope Glycoprotein during Coreceptor Switch with CCR5 Antagonist Therapy. <i>Microbiology Spectrum</i> , 0, , .	1.2	1
4525	Possible regulation of Toll-like receptor 4 by lysine acetylation through LPCAT2 activity in RAW264.7 cells. <i>Bioscience Reports</i> , 2022, 42, .	1.1	1
4526	Mitochondrial Lineage Diversity and Phylogeography of <i>Daphnia</i> (<i>Daphnia</i>) (<i>Crustacea: Cladocera</i>) in North-East Russia. <i>Water (Switzerland)</i> , 2022, 14, 1946.	1.2	1
4527	Compartmentalization of casein kinase 1 β CSNK1G controls the intracellular trafficking of ceramide. <i>IScience</i> , 2022, 25, 104624.	1.9	8
4528	Isolation, Molecular Identification and Antibacterial Potential of Marine Bacteria from Deep Atlantic Ocean of Morocco. <i>Avicenna Journal of Medical Biotechnology</i> , 0, , .	0.2	1
4529	Bioaerosol Diversity and Ice Nucleating Particles in the North-Western Himalayan Region. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	1.2	8
4530	Integrated Metabolomic, Molecular Networking, and Genome Mining Analyses Uncover Novel Angucyclines From <i>Streptomyces</i> sp. RO-S4 Strain Isolated From Bejaia Bay, Algeria. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	2
4531	A phylogenetic overview of <i>Squamanita</i> , with descriptions of nine new species and four new combinations. <i>Mycologia</i> , 2022, 114, 769-797.	0.8	1
4533	Ancient DNA from a 2700-year-old goitered gazelle (<i>Gazella subgutturosa</i>) supports gazelle hunting in Iron Age Central Asia. <i>Royal Society Open Science</i> , 2022, 9, .	1.1	1
4534	Molecular phylogenetics of the avian feather louse <i>Philopterus</i> -complex (<i>Phthiraptera</i>): Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 22	1.2	2
4535	Taxon-rich transcriptomics supports higher-level phylogeny and major evolutionary trends in Foraminifera. <i>Molecular Phylogenetics and Evolution</i> , 2022, 174, 107546.	1.2	6
4536	The evolution of primate malaria parasites: A study on the origin and diversification of <i>Plasmodium</i> in lemurs. <i>Molecular Phylogenetics and Evolution</i> , 2022, 174, 107551.	1.2	3
4537	Regulation of the Zinc Deficiency Response in the Legume Model <i>Medicago truncatula</i> . <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	8
4538	Phylogenetic Assessment of Two Antarctic Representatives of <i>Paralepidapedon</i> Shimazu & Shimura, 1984 (<i>Trematoda: Lepidapedidae</i>). <i>Russian Journal of Marine Biology</i> , 2022, 48, 202-212.	0.2	1

#	ARTICLE	IF	CITATIONS
4539	Global distribution of cryptic native, introduced and hybrid lineages in the widespread estuarine amphipod <i>Ampithoe valida</i> . <i>Conservation Genetics</i> , 2022, 23, 791-806.	0.8	2
4540	<i>Fusarium abutilonis</i> and <i>F. guadeloupense</i> , two novel species in the <i>Fusarium buharicum</i> clade supported by multilocus molecular phylogenetic analyses. <i>Mycologia</i> , 2022, 114, 682-696.	0.8	4
4541	An integrative phylogenetic approach for inferring relationships of fossil gobioids (Teleostei): Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 662	1.1	6
4543	A diverse group of underappreciated zygnematophytes deserves in-depth exploration. <i>Applied Phycology</i> , 2022, 3, 306-323.	0.6	6
4544	Aliens Coming by Ships: Distribution and Origins of the Ocellated Skink Populations in Peninsular Italy. <i>Animals</i> , 2022, 12, 1709.	1.0	3
4545	Assessment of Absolute Substitution Model Fit Accommodating Time-Reversible and Non-Time-Reversible Evolutionary Processes. <i>Systematic Biology</i> , 0, , .	2.7	0
4546	Demographic Expansions and the Emergence of Host Specialization in Genetically Distinct Ecotypes of the Tick-Transmitted Bacterium <i>Anaplasma phagocytophilum</i> . <i>Applied and Environmental Microbiology</i> , 0, , .	1.4	2
4547	New insights on <i>Leptospira</i> sp. infection in ewes maintained in field semiarid conditions. <i>Acta Tropica</i> , 2022, 234, 106610.	0.9	3
4548	Rumen ciliates (Alveolata, Ciliophora) associated with goats: checklist, geographic distribution, host specificity, phylogeny and molecular dating. <i>Zootaxa</i> , 2022, 5165, 191-216.	0.2	1
4549	Widespread emergence of OmpK36 loop 3 insertions among multidrug-resistant clones of <i>Klebsiella pneumoniae</i> . <i>PLoS Pathogens</i> , 2022, 18, e1010334.	2.1	16
4550	Absence of genetic isolation across highly fragmented landscape in the ant <i>Temnothorax nigriceps</i> . <i>Bmc Ecology and Evolution</i> , 2022, 22, .	0.7	1
4551	Carpenter Bees (<i>Xylocopa</i>) Harbor a Distinctive Gut Microbiome Related to That of Honey Bees and Bumble Bees. <i>Applied and Environmental Microbiology</i> , 2022, 88, .	1.4	15
4552	Molecular and morphological diversity of monothalamous foraminifera from South Georgia and the Falkland Islands: Description of four new species. <i>European Journal of Protistology</i> , 2022, 85, 125909.	0.5	10
4553	Origin, diversity, and biogeography of Antarctic scale worms (Polychaeta: Polynoidae): a wide-scale barcoding approach. <i>Ecology and Evolution</i> , 2022, 12, .	0.8	1
4555	Identification of <i>Streptococcus infantarius</i> subsp. <i>infantarius</i> as the species primarily responsible for acid production in Izmir Brined Tulum Cheese from the Aegean Region of TAArkiye. <i>Food Research International</i> , 2022, 160, 111707.	2.9	6
4556	Genome Analysis Revives a Forgotten Hybrid Crop Edo-dokoro in the Genus <i>Dioscorea</i> . <i>Plant and Cell Physiology</i> , 0, , .	1.5	1
4557	New Insights Into the Evolution of Corticotropin-Releasing Hormone Family With a Special Focus on Teleosts. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	4
4559	The DNA replication protein <i>Orc1</i> from the yeast <i>Torulaspora delbrueckii</i> is required for heterochromatin formation but not as a silencer-binding protein. <i>Genetics</i> , 2022, 222, .	1.2	1

#	ARTICLE	IF	CITATIONS
4560	Concatenator, a user-friendly program to concatenate DNA sequences, implementing graphical user interfaces for MAFFT and FastTree. <i>Bioinformatics Advances</i> , 2022, 2, .	0.9	11
4561	Insights from cyanobacterial genomic and transcriptomic analyses into adaptation strategies in terrestrial environments. <i>Genomics</i> , 2022, , 110438.	1.3	1
4562	Chromosome-scale assembly of the <i>Moringa oleifera</i> Lam. genome uncovers polyploid history and evolution of secondary metabolism pathways through tandem duplication. <i>Plant Genome</i> , 2022, 15, .	1.6	8
4563	New Variants of <i>Pseudomonas aeruginosa</i> High-Risk Clone ST233 Associated with an Outbreak in a Mexican Paediatric Hospital. <i>Microorganisms</i> , 2022, 10, 1533.	1.6	4
4564	Leveraging antigenic seniority for maternal vaccination to prevent mother-to-child transmission of HIV-1. <i>Npj Vaccines</i> , 2022, 7, .	2.9	1
4566	First Report of Two <i>Jaculus</i> Rodents as Potential Reservoir Hosts of <i>Leishmania</i> Parasites in Tunisia. <i>Microorganisms</i> , 2022, 10, 1502.	1.6	1
4568	Thecochaos is not a myth: study of the genus <i>Thecochaos</i> (Amoebozoa, Discosea) – a rediscovered group of lobose amoeba, with short SSU gene. <i>Organisms Diversity and Evolution</i> , 2023, 23, 7-24.	0.7	2
4569	Studies in <i>Gyromitra</i> II: cryptic speciation in the <i>Gyromitra gigas</i> species complex; rediscovery of <i>G. ussuriensis</i> and <i>G. americanigigas</i> sp. nov.. <i>Mycological Progress</i> , 2022, 21, .	0.5	2
4570	What snakes and caecilians have in common? Molecular interaction units and the independent origins of similar morphotypes in Tetrapoda. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, .	1.2	1
4571	A diversified and segregated mRNA spliced-leader system in the parasitic Perkinsozoa. <i>Open Biology</i> , 2022, 12, .	1.5	3
4572	Great-tailed Grackles (<i>Quiscalus mexicanus</i>) as a tolerant host of avian malaria parasites. <i>PLoS ONE</i> , 2022, 17, e0268161.	1.1	3
4573	Genome sequencing and analysis uncover the regulatory elements involved in the development and oil biosynthesis of <i>Pongamia pinnata</i> (L.) – A potential biodiesel feedstock. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	2
4575	Molecular phylogenetics and tribal classification of Japanese Pyraustinae and Spilomelinae (Lepidoptera: Crambidae). <i>Insect Systematics and Evolution</i> , 2022, 54, 77-106.	0.2	7
4576	Early divergence of translation initiation and elongation factors. <i>Protein Science</i> , 2022, 31, .	3.1	3
4577	Morphology and SSU rRNA gene-based phylogeny of three peniculid ciliates (Ciliophora,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 187 Td (C Protistology, 2022, 85, 125910.	0.5	5
4578	Southern hemisphere tectonics in the Cenozoic shaped the pantropical distribution of parrots and passerines. <i>Journal of Biogeography</i> , 2022, 49, 1753-1766.	1.4	3
4579	<i>Circumfusicillium cavernae</i> gen. et sp. nov. (Bionectriaceae, Hypocreales) Isolated from a Hypogean Roman Cryptoporticus. <i>Journal of Fungi</i> (Basel, Switzerland), 2022, 8, 837.	1.5	2
4580	A cross-sectional analysis identifies a low prevalence of <i>Plasmodium ovale curtisi</i> infections in symptomatic and asymptomatic individuals in Kilifi county, Kenya.. <i>Wellcome Open Research</i> , 0, 7, 207.	0.9	0

#	ARTICLE	IF	CITATIONS
4581	Unveiling the Genetic Diversity of Declining Population of the Harvest Mouse <i>Micromys minutus</i> in Italy. <i>Diversity</i> , 2022, 14, 627.	0.7	2
4582	Deep Population Genomics Reveals Systematic and Parallel Evolution at a Lipopolysaccharide Biosynthetic Locus in <i>Xanthomonas</i> Pathogens That Infect Rice and Sugarcane. <i>Applied and Environmental Microbiology</i> , 2022, 88, .	1.4	1
4583	<i>Clostridium gelidum</i> sp. nov., a psychrotrophic anaerobic bacterium isolated from rice field soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	0.8	2
4584	<i>Carterina labinea</i> sp. nov. "A new alien foraminifer from the Southeastern Mediterranean shelf. <i>European Journal of Protistology</i> , 2022, 85, 125911.	0.5	0
4585	Disjunct resident population of Melodious Lark <i>Mirafra cheniana</i> discovered in East Africa. <i>Journal of Ornithology</i> , 2023, 164, 55-71.	0.5	1
4586	Hairy root transformation system as a tool for CRISPR/Cas9-directed genome editing in oilseed rape (<i>Brassica napus</i>). <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	10
4587	Plant <i>N</i> -glycan breakdown by human gut <i>Bacteroides</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	6
4588	Genome Sequence Data Reveal at Least Two Distinct Incursions of the Tropical Race 4 Variant of <i>Fusarium Wilt</i> into South America. <i>Phytopathology</i> , 2023, 113, 90-97.	1.1	5
4589	Detection of <i>Leptospira</i> spp. in genitourinary tract of female goats managed in the brazilian semiarid. <i>Microbial Pathogenesis</i> , 2022, 172, 105763.	1.3	3
4590	Insights into the phylogeny of the family Deviatidae (Protozoa, Ciliophora, Hypotrichia) based on multi-gene, morphological and ontogenetic information, with the establishment of a new species <i>Deviatea multilineae</i> n. sp.. <i>Molecular Phylogenetics and Evolution</i> , 2022, 177, 107623.	1.2	4
4591	Role of spike compensatory mutations in the interspecies transmission of SARS-CoV-2. <i>One Health</i> , 2022, 15, 100429.	1.5	7
4592	Evaluation of the mycobiome of ballast water and implications for fungal pathogen distribution. <i>Aquatic Microbial Ecology</i> , 0, , .	0.9	0
4593	Morphological and Molecular Diversity of Monothalamids (Rhizaria, Foraminifera), Including Two New Species and a New Genus, from Sw Greenland. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
4594	Relative Time Inference Using Lateral Gene Transfers. <i>Methods in Molecular Biology</i> , 2022, , 75-94.	0.4	0
4595	Molecular Detection of <i>Trypanosoma Cruzi</i> in Donkeys and Mules Under Semiarid Conditions in Brazil. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
4596	Genomic and transcriptomic characterization of the <i>Collimonas</i> quorum sensing genes and regulon. <i>FEMS Microbiology Ecology</i> , 0, , .	1.3	0
4597	Deposit-feeding of <i>Nonionellina labradorica</i> (foraminifera) from an Arctic methane seep site and possible association with a methanotroph. <i>Biogeosciences</i> , 2022, 19, 3897-3909.	1.3	0
4598	A new large tortoise from the early Oligocene (Arikareean NALMA) of Oaxaca, southern Mexico and its phylogenetic position within <i>Pan-Testudinidae</i> . <i>Historical Biology</i> , 0, , 1-14.	0.7	1

#	ARTICLE	IF	CITATIONS
4599	Shedding light on taxonomic chaos: Diversity and distribution of South Asian skipper frogs (Anura,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.5	5
4601	Systematic Analysis of Copy Number Variations in the Pathogenic Yeast <i>Candida parapsilosis</i> Identifies a Gene Amplification in <i>RTA3</i> That is Associated with Drug Resistance. <i>MBio</i> , 2022, 13, .	1.8	13
4602	Genome-wide <i>scp</i> SNPs confirm plumage polymorphism and hybridisation within a <i>Cyornis</i> flycatcher species complex. <i>Zoologica Scripta</i> , 2023, 52, 1-16.	0.7	5
4604	Mitochondrial Genomes in <i>Perkinsus</i> Decode Conserved Frameshifts in All Genes. <i>Molecular Biology and Evolution</i> , 2022, 39, .	3.5	1
4605	Ancestral archaea expanded the genetic code with pyrrolysine. <i>Journal of Biological Chemistry</i> , 2022, 298, 102521.	1.6	10
4606	Colistin Resistance Mechanism in <i>Enterobacter hormaechei</i> subsp. <i>steigerwaltii</i> Isolated from Wild Boar (<i>Sus scrofa</i>) in France. <i>Pathogens</i> , 2022, 11, 1022.	1.2	1
4609	Next-Generation Sequencing of Ancient and Recent Fungarium Specimens. <i>Journal of Fungi (Basel)</i> , Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.5	3
4610	Discovery of prolactin-like in lamprey: Role in osmoregulation and new insight into the evolution of the growth hormone/prolactin family. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	5
4611	Complete chloroplast genome sequence of <i>Lens ervoides</i> and comparison to <i>Lens culinaris</i> . <i>Scientific Reports</i> , 2022, 12, .	1.6	5
4612	Recurrent emergence of <i>Klebsiella pneumoniae</i> carbapenem resistance mediated by an inhibitory <i>ompK36</i> mRNA secondary structure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	8
4614	Metabarcoding of mycetangia from the <i>Dendroctonus frontalis</i> species complex (Curculionidae:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.5	3
4615	Genetic differentiation pattern and evidence of an early speciation process in the genus <i>Reithrodon</i> (Rodentia: Sigmodontinae). <i>Mammalian Biology</i> , 2023, 103, 161-171.	0.8	1
4616	Tracing the oomycete pathogen <i>Saprolegnia parasitica</i> in aquaculture and the environment. <i>Scientific Reports</i> , 2022, 12, .	1.6	9
4618	Survey of bacterial and protozoan agents in ticks and fleas found on wild animals in the state of Rio de Janeiro, Brazil. <i>Ticks and Tick-borne Diseases</i> , 2022, 13, 102037.	1.1	1
4619	Phylogenomics of a <i>Saccharomyces cerevisiae</i> cocoa strain reveals adaptation to a West African fermented food population. <i>IScience</i> , 2022, 25, 105309.	1.9	1
4620	<i>Daphnia japonica</i> sp. nov. (Crustacea: Cladocera) an eastern Palearctic montane species with mitochondrial discordance. <i>PeerJ</i> , 0, 10, e14113.	0.9	1
4621	Identification and expression of a transforming growth factor beta (TGF- β) ² homologue in the tropical liver fluke <i>Fasciola gigantica</i> . <i>Parasitology Research</i> , 2022, 121, 3547-3559.	0.6	1
4622	Operculina and Neoassilina: A Revision of Recent Nummulitid Genera Based on Molecular and Morphological Data Reveals a New Genus. <i>Journal of Earth Science (Wuhan, China)</i> , 2022, 33, 1411-1424.	1.1	4

#	ARTICLE	IF	CITATIONS
4623	Two new Bryodelphax Thulin, 1928 species (Heterotardigrada: Echiniscidae) from the Republic of Ireland with comments on the <i>Weglarskae</i> group and other heterotardigrade taxa, including the controversial genus <i>Bryochoerus</i> Marcus, 1936. <i>Journal of Animal Diversity</i> , 2022, 4, 1-52.	0.2	0
4625	Morphology, morphogenesis and phylogeny of a new soil ciliate, <i>Bistichella sinensis</i> n. sp., and morphology of two oxytrichids (Ciliophora, Hypotrichia). <i>European Journal of Protistology</i> , 2022, 86, 125934.	0.5	2
4626	<i>Kinopus chlorellivorus</i> gen. nov., sp. nov. (Vampyrellida, Rhizaria), a New Algivorous Protist Predator Isolated from Large-Scale Outdoor Cultures of <i>Chlorella sorokiniana</i> . <i>Applied and Environmental Microbiology</i> , 2022, 88, .	1.4	3
4627	Kiwira Virus, a Newfound Hantavirus Discovered in Free-tailed Bats (Molossidae) in East and Central Africa. <i>Viruses</i> , 2022, 14, 2368.	1.5	4
4628	Biodegradation of chlorpyrifos by bacterial strains isolated from Lebanese soil and its association with plant growth improvement. <i>Bioremediation Journal</i> , 0, , 1-20.	1.0	8
4629	The discovery of a new giant legume tree species in a severely fragmented landscape underscores the alarming threats to the biodiversity of the Brazilian Atlantic Forest. <i>Botanical Journal of the Linnean Society</i> , 2023, 201, 215-229.	0.8	2
4630	Aphid BCR4 Structure and Activity Uncover a New Defensin Peptide Superfamily. <i>International Journal of Molecular Sciences</i> , 2022, 23, 12480.	1.8	3
4631	Shedding Light on the Origin of Egyptian Sheep Breeds by Evolutionary Comparison of Mitochondrial D-Loop. <i>Animals</i> , 2022, 12, 2738.	1.0	2
4632	ICEScreen: a tool to detect Firmicute ICEs and IMEs, isolated or enclosed in composite structures. <i>NAR Genomics and Bioinformatics</i> , 2022, 4, .	1.5	10
4633	Genetic characterization and pollen viability of a natural putative hybrid of <i>Begonia boliviensis</i> and <i>B. micranthera</i> (Begoniaceae) from Argentina. <i>Botany Letters</i> , 0, , 1-17.	0.7	0
4634	Geographic Range Overlap Rather than Phylogenetic Distance Explains Rabies Virus Transmission among Closely Related Bat Species. <i>Viruses</i> , 2022, 14, 2399.	1.5	4
4636	Morphology and morphogenesis of the hypotrich ciliate <i>Parentocirrus hortualis</i> Vol ² , 1997, with notes on the phylogeny of <i>Parentocirrus</i> (Ciliophora, Hypotrichia). <i>European Journal of Protistology</i> , 2022, 86, 125936.	0.5	2
4637	Dephospho-Coenzyme A Kinase Is an Exploitable Drug Target against <i>Plasmodium falciparum</i> : Identification of Selective Inhibitors by High-Throughput Screening of a Large Chemical Compound Library. <i>Antimicrobial Agents and Chemotherapy</i> , 2022, 66, .	1.4	1
4638	Tumour microbiomes and <i>Fusobacterium</i> genomics in Vietnamese colorectal cancer patients. <i>Npj Biofilms and Microbiomes</i> , 2022, 8, .	2.9	9
4639	Molecular subtyping of <i>Blastocystis</i> sp. detected in patients at a large tertiary referral hospital in Lusaka, Zambia. , 0, 1, .		1
4641	A second type of N7-guanine RNA cap methyltransferase in an unusual locus of a large RNA virus genome. <i>Nucleic Acids Research</i> , 0, , .	6.5	1
4642	Morphometric and molecular characterization of an unpigmented haemosporidian parasite in the Neotropical turnip-tailed gecko (<i>Thecadactylus rapicauda</i>). <i>Parasitology</i> , 2023, 150, 221-229.	0.7	1
4643	Morphological and molecular diversity of monothalamids (Rhizaria, Foraminifera), including two new species and a new genus, from SW Greenland. <i>European Journal of Protistology</i> , 2022, 86, 125932.	0.5	2

#	ARTICLE	IF	CITATIONS
4644	An Unwanted Association: The Threat to Papaya Crops by a Novel Potexvirus in Northwest Argentina. <i>Viruses</i> , 2022, 14, 2297.	1.5	4
4645	Cryptic Diversity Revealed in A Revision of West Palaearctic <i>Nomiapis</i> and <i>Systropha</i> (Hymenoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 66)	0.7	4
4647	Genetic population structure of the critically endangered stellate sturgeon (<sc><i>Acipenser</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 66 Marine and Freshwater Ecosystems, 2022, 32, 1926-1939.	0.9	1
4648	Trends in evolution of the Triatomini tribe (Hemiptera, Triatominae): reproductive incompatibility between four species of geniculatus clade. <i>Parasites and Vectors</i> , 2022, 15, .	1.0	4
4649	Molecular and morphological characterization of <i>Digenea</i> (Rhodomelaceae, Rhodophyta) in the Mexican Atlantic. <i>Botanica Marina</i> , 2022, .	0.6	0
4650	Taxonomic study of polymorphic basidiomycetous fungi <i>Sirobasidium</i> and <i>Sirotrema</i> : <i>Sirobasidium apiculatum</i> sp. nov., <i>Phaeotremella translucens</i> comb. nov. and rediscovery of <i>Sirobasidium japonicum</i> in Japan. <i>Antonie Van Leeuwenhoek</i> , 0, , .	0.7	0
4651	Revisiting the Genetic, Taxonomic and Evolutionary Aspects of Chagas Disease Vectors of the <i>Triatoma phyllosoma</i> Subcomplex (Hemiptera, Triatominae). <i>Diversity</i> , 2022, 14, 978.	0.7	1
4652	Functional diversity and plasticity in the sugar preferences of <i>Saccharomyces</i> MALT transporters in domesticated yeasts. <i>FEMS Yeast Research</i> , 0, , .	1.1	1
4653	On Classification and Taxonomy of Coronaviruses (Riboviria, Nidovirales, Coronaviridae) with Special Focus on Severe Acute Respiratory Syndrome-Related Coronavirus 2 (SARS-CoV-2). <i>Mathematical Biology and Bioinformatics</i> , 2022, 17, 289-311.	0.1	1
4655	<i>Stenamoeba aeronauta</i> n. sp., a new case of sibling species in the order Thecamoebida (Amoebozoa) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 66	0.5	1
4656	A Phylogenetic Re-Evaluation of the Stenakrine Opecoelids (Trematoda, Digenea: Opecoeloidea) with Some Taxonomic Novelties. <i>Diversity</i> , 2022, 14, 949.	0.7	3
4657	Resolving some of the earliest names for <i>Corallina</i> species (Corallinales, Rhodophyta) in the north Pacific by sequencing type specimens and describing the cryptic <i>C. hakodatensis</i> sp. nov. and <i>C. parva</i> sp. nov.. <i>Journal of Phycology</i> , 0, , .	1.0	0
4658	Mitochondrial DNA variation of the caracal (<i>Caracal caracal</i>) in Iran and range-wide phylogeographic comparisons. <i>Mammalian Biology</i> , 0, , .	0.8	0
4659	Trophic strategies of intertidal foraminifera explored with single-cell microbiome metabarcoding and morphological methods: What is on the menu?. <i>Ecology and Evolution</i> , 2022, 12, .	0.8	3
4660	Ancestral APOBEC3B Nuclear Localization Is Maintained in Humans and Apes and Altered in Most Other Old World Primate Species. <i>MSphere</i> , 2022, 7, .	1.3	6
4661	Morphological, Cytological and Molecular Studies and Feeding and Defecation Pattern of Hybrids from Experimental Crosses between <i>Triatoma sordida</i> and <i>T. rosai</i> (Hemiptera, Triatominae). <i>Pathogens</i> , 2022, 11, 1302.	1.2	3
4663	Target enrichment of long open reading frames and ultraconserved elements to link microevolution and macroevolution in non-model organisms. <i>Molecular Ecology Resources</i> , 0, , .	2.2	0
4664	Terrigenous leaf-utilizing life of the tube-bearing annelid <i>Anchinothria cirrobranchiata</i> (Annelida: Onuphidae) in the deep sea. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 0, , 1-6.	0.4	0

#	ARTICLE	IF	CITATIONS
4665	Genomic remnants of ancestral methanogenesis and hydrogenotrophy in Archaea drive anaerobic carbon cycling. <i>Science Advances</i> , 2022, 8, .	4.7	17
4666	Diversity and activity of amylase-producing bacteria isolated from mangrove soil in Thailand. <i>Biodiversitas</i> , 2022, 23, .	0.2	1
4667	Venomomics survey of six myrmicine ants provides insights into the molecular and structural diversity of their peptide toxins. <i>Insect Biochemistry and Molecular Biology</i> , 2022, 151, 103876.	1.2	6
4668	The first complete genome of the simian malaria parasite <i>Plasmodium brasilianum</i> . <i>Scientific Reports</i> , 2022, 12, .	1.6	5
4669	High Instantaneous Inhibitory Potential of Bictegravir and the New Spiro-Î ² -Lactam BSS-730A for HIV-2 Isolates from RAL-Na ⁻ ve and RAL-Failing Patients. <i>International Journal of Molecular Sciences</i> , 2022, 23, 14300.	1.8	1
4670	No phylogenomic support for a Cenozoic origin of the "living fossil" <i>Isoetes</i> . <i>American Journal of Botany</i> , 2023, 110, .	0.8	2
4671	Molecular detection of <i>Trypanosoma cruzi</i> in equids in a semiarid zone of Pernambuco - Brazil. <i>Veterinary Parasitology: Regional Studies and Reports</i> , 2023, 37, 100815.	0.3	0
4672	Investigation of the Presence of <i>Leptospira interrogans</i> in Urinary and Genital Tracts of Male Goats Raised in the Semiarid Region of Brazil. <i>Small Ruminant Research</i> , 2023, 218, 106880.	0.6	1
4673	Metabarcoding reveals high genetic diversity of harmful algae in the coastal waters of Texas, Gulf of Mexico. <i>Harmful Algae</i> , 2023, 121, 102368.	2.2	3
4674	Comparative study between molecular and genetic evolutionary analysis tools using African SARS-CoV-2 variants. <i>Informatics in Medicine Unlocked</i> , 2023, 36, 101143.	1.9	4
4675	Removal of bacterial pathogens and antibiotic resistance bacteria by anaerobic sludge digestion with thermal hydrolysis pre-treatment and alkaline stabilization post-treatment. <i>Chemosphere</i> , 2023, 313, 137383.	4.2	1
4676	Molecular revision of <i>Rhagiini sensu lato</i> (Coleoptera, Cerambycidae): Paraphyly, intricate evolution and novel taxonomy. <i>Biosystems Diversity</i> , 2022, 30, 295-309.	0.2	2
4677	Delimiting species in the taxonomically challenging orchid section <i>Pseudophrys</i> : Bayesian analyses of genetic and phenotypic data. <i>Frontiers in Ecology and Evolution</i> , 0, 10, .	1.1	5
4678	A widespread inversion polymorphism conserved among <i>Saccharomyces</i> species is caused by recurrent homogenization of a sporulation gene family. <i>PLoS Genetics</i> , 2022, 18, e1010525.	1.5	3
4680	<scp>ITS1</scp> and cpb genetic polymorphisms in Algerian and Tunisian <i>Leishmania infantum</i> isolates from humans and dogs. <i>Zoonoses and Public Health</i> , 0, , .	0.9	0
4681	Group-specific functional patterns of mitochondrion-related organelles shed light on their multiple transitions from mitochondria in ciliated protists. <i>Marine Life Science and Technology</i> , 2022, 4, 609-623.	1.8	11
4682	The phylogeography of some soil-feeding termites shaped by the Andes. <i>Organisms Diversity and Evolution</i> , 0, , .	0.7	1
4683	A Cross-Sectional Study on the Occurrence of the Intestinal Protist, <i>Dientamoeba fragilis</i> , in the Gut-Healthy Volunteers and Their Animals. <i>International Journal of Molecular Sciences</i> , 2022, 23, 15407.	1.8	9

#	ARTICLE	IF	CITATIONS
4684	Shedding light on the origin of Acanthocystidae: <i>Ricksol blepharistes</i> gen. n., sp. n. (Ricksolidae fam.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf <i>Ozania</i> gen. n. (Ozaniidae fam. n.), and “Heterophrys-like organisms” <i>Organisms Diversity and Evolution</i> , 0, , .	0.7	1
4685	Effect of pH and Carbon Source on Phosphate Solubilization by Bacterial Strains in Pikovskaya Medium. <i>Microorganisms</i> , 2023, 11, 49.	1.6	5
4686	Symbiotic Microorganisms and Their Different Association Types in Aquatic and Semiaquatic Bugs. <i>Microbiology Spectrum</i> , 2022, 10, .	1.2	0
4687	Identification of genetic variants of the industrial yeast <i>Komagataella phaffii</i> (<i>Pichia pastoris</i>) that contribute to increased yields of secreted heterologous proteins. <i>PLoS Biology</i> , 2022, 20, e3001877.	2.6	6
4688	Host-microbiome metabolism of a plant toxin in bees. <i>ELife</i> , 0, 11, .	2.8	15
4689	Revisiting fecal metatranscriptomics analyses of macaques with idiopathic chronic diarrhoea with a focus on trichomonad parasites. <i>Parasitology</i> , 2023, 150, 248-261.	0.7	0
4690	Evaluating species richness using proteomic fingerprinting and DNA barcoding—a case study on meiobenthic copepods from the Clarion Clipperton Fracture Zone. <i>Marine Biodiversity</i> , 2022, 52, .	0.3	1
4691	Broad host range may be a key to long-term persistence of bacteriophages infecting intestinal Bacteroidaceae species. <i>Scientific Reports</i> , 2022, 12, .	1.6	7
4692	Partner fidelity and environmental filtering preserve stage-specific turtle ant gut symbioses for over 40 million years. <i>Ecological Monographs</i> , 2023, 93, .	2.4	9
4693	Not all bad: Gyromitrin has a limited distribution in the false morels as determined by a new ultra high-performance liquid chromatography method. <i>Mycologia</i> , 2023, 115, 1-15.	0.8	3
4694	Grassland ecosystem type drives <i>AM</i> fungal diversity and functional guild distribution in North American grasslands. <i>Molecular Ecology</i> , 2023, 32, 1133-1148.	2.0	2
4695	The <i>for</i> gene as one of the drivers of foraging variations in a parasitic wasp. <i>Molecular Ecology</i> , 0, , .	2.0	0
4696	High Coverage Mitogenomes and Y-Chromosomal Typing Reveal Ancient Lineages in the Modern-Day Székely Population in Romania. <i>Genes</i> , 2023, 14, 133.	1.0	3
4697	Phenolic and anthocyanin content characterization related to genetic diversity analysis of <i>Solanum tuberosum</i> subsp. <i>tuberosum</i> Chilotanum Group in southern Chile. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	0
4698	Structural and evolutionary insights into astacin metallopeptidases. <i>Frontiers in Molecular Biosciences</i> , 0, 9, .	1.6	4
4699	Comparative genomics and interactomics of polyadenylation factors for the prediction of new parasite targets: <i>Entamoeba histolytica</i> as a working model. <i>Bioscience Reports</i> , 2023, 43, .	1.1	1
4700	The Bacteriophage “Phage-Inducible Chromosomal Island Arms Race Designs an Interkingdom Inhibitor of dUTPases. <i>Microbiology Spectrum</i> , 2023, 11, .	1.2	1
4702	Functional disparity of four pheromone-binding proteins from the plum fruit moth <i>Grapholita funebrana</i> Treitschke in detection of sex pheromone components. <i>International Journal of Biological Macromolecules</i> , 2023, 225, 1267-1279.	3.6	3

#	ARTICLE	IF	CITATIONS
4703	Contrasting Phylogeographic Patterns of Mitochondrial and Genome-Wide Variation in the Groundwater Amphipod <i>Crangonyx islandicus</i> That Survived the Ice Age in Iceland. <i>Diversity</i> , 2023, 15, 88.	0.7	0
4704	Functional analysis in a model sea anemone reveals phylogenetic complexity and a role in cnidocyte discharge of DEG/ENaC ion channels. <i>Communications Biology</i> , 2023, 6, .	2.0	9
4705	Hydrothermal vent chimney-base sediments as unique habitat for meiobenthos and nanobenthos: Observations on millimeter-scale distributions. <i>Frontiers in Marine Science</i> , 0, 9, .	1.2	3
4707	A New Species from the Canary Islands Increases the Diversity of the Red Algal Genus <i>Pterocliadiella</i> in the Northeastern Atlantic. <i>Plants</i> , 2023, 12, 416.	1.6	0
4708	The revealing of a novel lipid transfer protein lineage in green algae. <i>BMC Plant Biology</i> , 2023, 23, .	1.6	3
4709	Haemosporidians in Non-Passerine Birds of Colombia: An Overview of the Last 20 Years of Research. <i>Diversity</i> , 2023, 15, 57.	0.7	2
4710	Novel CaLB-like Lipase Found Using ProspectBIO, a Software for Genome-Based Bioprospection. <i>BioTech</i> , 2023, 12, 6.	1.3	0
4711	Phylogenetic Affinities of Acanthopleurinae Dall, 1889 Chitons (Mollusca: Polyplacophora:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5 Engineering, 2023, 11, 158.	1.2	3
4712	Structural and functional analysis of a tandem repeat galacturonic acid-binding lectin from the sea hare <i>Aplysia californica</i> . <i>Fish and Shellfish Immunology</i> , 2023, 132, 108513.	1.6	0
4713	A Genome of Temperate Enterococcus Bacteriophage Placed in a Space of Pooled Viral Dark Matter Sequences. <i>Viruses</i> , 2023, 15, 216.	1.5	0
4714	Epidemiological and genetic evaluation of HEV in swine slaughtered in Sicily region (Italy). <i>International Journal of Food Microbiology</i> , 2023, 388, 110068.	2.1	2
4715	An Integrative Approach for the Identification of Native and Exotic Lymnaeids from Brazil. <i>Malacologia</i> , 2022, 65, .	0.2	1
4716	Diversity and Taxonomy of <i>Telipogon</i> (Orchidaceae) in Colombia and Adjacent Areas. <i>Monographiae Botanicae</i> , 0, 109, .	0.0	0
4717	Mutation Profile of HPV16 L1 and L2 Genes in Different Geographic Areas. <i>Viruses</i> , 2023, 15, 141.	1.5	3
4720	<i>Anaeromicropila herbilytica</i> gen. nov., sp. nov., a plant polysaccharide-decomposing anaerobic bacterium isolated from anoxic soil subjected to reductive soil disinfestation, and reclassification of <i>Clostridium populeti</i> as <i>Anaeromicropila populeti</i> comb. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2023, 73, .	0.8	3
4721	<sc>DELLA</sc> proteins regulate spore germination and reproductive development in <i>Physcomitrium patens</i>. <i>New Phytologist</i> , 2023, 238, 654-672.	3.5	3
4722	Function and evolution of the aquaporin <sc>IsAQP1</sc> in the Lyme disease vector <i>Ixodes scapularis</i>. <i>Insect Molecular Biology</i> , 2023, 32, 329-339.	1.0	3
4723	Revisiting chloroplast genomic landscape and annotation towards comparative chloroplast genomes of Rhamnaceae. <i>BMC Plant Biology</i> , 2023, 23, .	1.6	8

#	ARTICLE	IF	CITATIONS
4724	Exploring the Evolutionary Origin and Biological Role of the <i>Trypanosoma cruzi</i> Ecotin-Like Molecule in Chagas's Disease. , 0, , .		0
4725	TtCel7A: A Native Thermophilic Bifunctional Cellulose/Xylanase Exoglucanase from the Thermophilic Biomass-Degrading Fungus <i>Thielavia terrestris</i> Co3Bag1, and Its Application in Enzymatic Hydrolysis of Agroindustrial Derivatives. <i>Journal of Fungi</i> (Basel, Switzerland), 2023, 9, 152.	1.5	6
4726	Artisanal and farmer bread making practices differently shape fungal species community composition in French sourdoughs. , 0, 3, .		4
4727	DNA barcoding of the intertidal chitons of the genera <i>Stenoplax</i> Dall, 1879 and <i>Callistochiton</i> Carpenter in Dall, 1879 from the Mexican Tropical Pacific with the description of two new species. <i>Marine Biodiversity</i> , 2023, 53, .	0.3	1
4728	Fungi in hair roots of <i>Vaccinium</i> spp. (Ericaceae) growing on decomposing wood: colonization patterns, identity, and in vitro symbiotic potential. <i>Mycorrhiza</i> , 2023, 33, 69-86.	1.3	9
4729	Diatom endemism and taxonomic turnover: Assessment in high-altitude alpine lakes covering a large geographical range. <i>Science of the Total Environment</i> , 2023, 871, 161970.	3.9	6
4730	Microsatellites and mitochondrial evidence of multiple introductions of the invasive raccoon <i>Procyon lotor</i> in France. <i>Biological Invasions</i> , 2023, 25, 1955-1972.	1.2	1
4731	Nitrogen cycling activities during decreased stratification in the coastal oxygen minimum zone off Namibia. <i>Frontiers in Microbiology</i> , 0, 14, .	1.5	2
4733	Identification and spatio-temporal tracking of ubiquitous phage families in the human microbiome. , 0, 1, .		0
4734	Identification and Expression Profile of CLE41/44-PXY-WOX Genes in Adult Trees <i>Pinus sylvestris</i> L. Trunk Tissues during Cambial Activity. <i>Plants</i> , 2023, 12, 835.	1.6	4
4735	The InBIO Barcoding Initiative Database: contribution to the knowledge on DNA barcodes of cuckoo wasps, with the description of new species from the Iberian Peninsula (Hymenoptera, Chrysididae). <i>Biodiversity Data Journal</i> , 0, 11, .	0.4	2
4736	DNA Barcoding Data Reveal Important Overlooked Diversity of <i>Cortinarius</i> sensu lato (Agaricales), Tj ETQq1 1 0.784314 rgBT ₁ /Overlooked	0.7	1
4737	Fragmentation shapes nest density and social structure but not genetic diversity of <i>Temnothorax crassispinus</i> (Formicidae). <i>Population Ecology</i> , 0, , .	0.7	0
4738	Characterisation and Cultivation of New Lineages of Colponemids, a Critical Assemblage for Inferring Alveolate Evolution. <i>Protist</i> , 2023, 174, 125949.	0.6	4
4739	A dated phylogeny of the Neotropical Dipterygeae clade reveals 30 million years of winged papilionate floral conservatism in the otherwise florally labile early-branching papilionoid legumes. <i>Botanical Journal of the Linnean Society</i> , 2023, 202, 449-475.	0.8	1
4740	Genetic diversity and epidemic histories of rice yellow mottle virus in Ghana. <i>Virus Research</i> , 2023, 329, 199106.	1.1	2
4741	Genome size estimation and its associations with body length, chromosome number and evolution in teleost fishes. <i>Gene</i> , 2023, 864, 147294.	1.0	1
4742	A double-strain TM (gp45) polypeptide antigen and its application in the serodiagnosis of equine infectious anemia. <i>Journal of Virological Methods</i> , 2023, 315, 114704.	1.0	0

#	ARTICLE	IF	CITATIONS
4743	Diversification and evolutionary history of the African laminated-toothed rats (Rodentia, Otomyini). <i>Molecular Phylogenetics and Evolution</i> , 2023, 183, 107779.	1.2	1
4744	Tracking the Source of Human Q Fever from a Southern French Village: Sentinel Animals and Environmental Reservoir. <i>Microorganisms</i> , 2023, 11, 1016.	1.6	1
4745	Geography and past climate changes have shaped the evolution of a widespread lizard in arid Central Asia. <i>Molecular Phylogenetics and Evolution</i> , 2023, 184, 107781.	1.2	3
4746	Combined Phylogeographic Analyses and Epidemiologic Contact Tracing to Characterize Atypically Pathogenic Avian Influenza (H3N1) Epidemic, Belgium, 2019. <i>Emerging Infectious Diseases</i> , 2023, 29, 351-359.	2.0	3
4747	High Levels of Diversity in Anopheles Subgenus Kerteszia Revealed by Species Delimitation Analyses. <i>Genes</i> , 2023, 14, 344.	1.0	1
4750	Clinical, histopathological, and molecular findings for <i>Mycobacterium avium</i> subspecies paratuberculosis (MAP) in dairy goats under semiarid conditions. <i>Tuberculosis</i> , 2023, 139, 102319.	0.8	0
4751	Global population genetic structure and lineage differentiation of the stable fly, <i>Stomoxys calcitrans</i> . <i>Medical and Veterinary Entomology</i> , 2023, 37, 371-380.	0.7	1
4752	Genetic Diversity of <i>Oxytropis</i> Species from the Center of the Genus Origin: Insight from Molecular Studies. <i>Diversity</i> , 2023, 15, 244.	0.7	1
4753	SNP-Profiles of <i>Yersinia pestis</i> ; Strains of the Medieval Biovar from the Caspian Sea Region Plague Foci. <i>Problemy Osobo Opasnykh Infektsii</i> , 2023, , 41-49.	0.2	0
4755	<i>Physcomitrium patens</i> PpRIC, an ancestral CRIB-domain ROP effector, inhibits auxin-induced differentiation of apical initial cells. <i>Cell Reports</i> , 2023, 42, 112130.	2.9	3
4756	<i>Streptococcus suis</i> outbreak caused by an emerging zoonotic strain with acquired multi-drug resistance in Thailand. <i>Microbial Genomics</i> , 2023, 9, .	1.0	7
4757	Structural basis for ATG9A recruitment to the ULK1 complex in mitophagy initiation. <i>Science Advances</i> , 2023, 9, .	4.7	20
4758	Comparative Genome Analysis of <i>Enterococcus cecorum</i> Reveals Intercontinental Spread of a Lineage of Clinical Poultry Isolates. <i>MSphere</i> , 2023, 8, .	1.3	5
4759	Insights into cryptochrome modulation of <i>ABA</i> signaling to mediate dormancy regulation in <i>Marchantia polymorpha</i> . <i>New Phytologist</i> , 2023, 238, 1479-1497.	3.5	1
4760	Comprehensive phylogenomic analyses reveal that order Armophorida is most closely related to class Armophorea (Protista, Ciliophora). <i>Molecular Phylogenetics and Evolution</i> , 2023, 182, 107737.	1.2	5
4761	Roadmap to the study of gene and protein phylogeny and evolution—A practical guide. <i>PLoS ONE</i> , 2023, 18, e0279597.	1.1	4
4762	A Deep Seamount Effect Enhanced the Vertical Connectivity of the Planktonic Community Across 1,000m Above Summit. <i>Journal of Geophysical Research: Oceans</i> , 2023, 128, .	1.0	1
4763	Cloning, characterization, and inhibition of the novel $\hat{1}^2$ -carbonic anhydrase from parasitic blood fluke, <i>Schistosoma mansoni</i> . <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2023, 38, .	2.5	1

#	ARTICLE	IF	CITATIONS
4764	Vivid COVID-19 LAMP is an ultrasensitive, quadruplexed test using LNA-modified primers and a zinc ion and 5-Br-PAPS colorimetric detection system. <i>Communications Biology</i> , 2023, 6, .	2.0	2
4765	Hello darkness, my old friend: 3-KETOACYL-COENZYME A SYNTHASE4 is a branch point in the regulation of triacylglycerol synthesis in <i>Arabidopsis thaliana</i> . <i>Plant Cell</i> , 2023, 35, 1984-2005.	3.1	7
4767	First Bacteremia Due to <i>Corynebacterium gottingense</i> in an Immunocompromised Child: A Case Report, 16S rDNA-Based Phylogenetic Analyses and Review of the Literature. <i>Antibiotics</i> , 2023, 12, 528.	1.5	1
4768	Comparative Mitogenome Analyses Uncover Mitogenome Features and Phylogenetic Implications of the Parrotfishes (Perciformes: Scaridae). <i>Biology</i> , 2023, 12, 410.	1.3	2
4770	Genomics, Population Divergence, and Historical Demography of the World's Largest and Endangered Butterfly, The Queen Alexandra's Birdwing. <i>Genome Biology and Evolution</i> , 2023, 15, .	1.1	4
4771	A new deep-water coral species <i>Telestula ridgensis</i> sp. nov. (Scleralcyonacea: Sarcodictyonidae) from the seamount of the Central Indian Ridge. <i>Zootaxa</i> , 2023, 5254, 231-244.	0.2	1
4772	New Approach to the Systematics of the Section <i>Psammiris</i> (Iris, Iridaceae): What Does Chloroplast DNA Sequence Tell Us?. <i>Plants</i> , 2023, 12, 1254.	1.6	1
4773	Fitness costs of pyrethroid resistance in the polyphagous pest mite, <i>Halotydeus destructor</i> , under field conditions. <i>Journal of Pest Science</i> , 2024, 97, 185-197.	1.9	2
4774	The role of phytomelatonin receptor 1-mediated signaling in plant growth and stress response. <i>Frontiers in Plant Science</i> , 0, 14, .	1.7	5
4776	New Insights into the Evolution and Gene Structure of the Mitochondrial Carrier Family Unveiled by Analyzing the Frequent and Conserved Intron Positions. <i>Molecular Biology and Evolution</i> , 2023, 40, .	3.5	2
4777	Genetic diversity of a cichlid fish population after 100% years of isolation. <i>African Journal of Ecology</i> , 2023, 61, 595-605.	0.4	0
4778	<i>Sclerotobacter humisilvae</i> gen. nov., sp. nov., a novel bacterium isolated from oak forest soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2023, 73, .	0.8	0
4779	Ultrastructure of an opacoelid daughter sporocyst, <i>Podocotyle</i> sp. (Digenea: Opacoelidae): comparative analysis of the somatic tissues and new insights into the organization of the nervous system. <i>Canadian Journal of Zoology</i> , 2023, 101, 579-602.	0.4	2
4780	Bovine Leptospirosis in Caatinga Biome, Brazil: New Insights into Diagnosis and Epidemiology. <i>Tropical Medicine and Infectious Disease</i> , 2023, 8, 177.	0.9	3
4781	<i>Aspergillus luchuensis</i> , an Endophyte Fungus from the Metal Hyperaccumulator Plant <i>Prosopis laevigata</i> , Promotes Its Growth and Increases Metal Translocation. <i>Plants</i> , 2023, 12, 1338.	1.6	2
4782	ABC transporters linked to multiple herbicide resistance in blackgrass (<i>Alopecurus myosuroides</i>). <i>Frontiers in Plant Science</i> , 0, 14, .	1.7	4
4783	Re-examination of a rare protosteloid amoeba & Schizoplasmodiopsis micropunctata, and the revision of & Tychosporium; (& Cavosteliida,) Tj ETQq0 0 0 rgBT /Overlock 100T\$ 50 97 Id (& &		
4785	Rapid adaptations of <i>Legionella pneumophila</i> to the human host. <i>Microbial Genomics</i> , 2023, 9, .	1.0	0

#	ARTICLE	IF	CITATIONS
4786	Phylogeographic analysis revealed allopatric distribution pattern and biogeographic processes of the widespread pale chub <i>Opsariichthys acutipinnis-evolans</i> complex (Teleostei: Cyprinidae) in southeastern China. <i>Frontiers in Ecology and Evolution</i> , 0, 11, .	1.1	1
4787	In silico characterization of cysteine-stabilized $\hat{1}\hat{2}$ defensins from neglected unicellular microeukaryotes. <i>BMC Microbiology</i> , 2023, 23, .	1.3	0
4788	Through the e<scp>DNA</scp> looking glass: Responses of fjord benthic foraminiferal communities to contrasting environmental conditions. <i>Journal of Eukaryotic Microbiology</i> , 2023, 70, .	0.8	4
4789	Karyotype Evolution in Triatominae (Hemiptera, Reduviidae): The Role of Chromosomal Rearrangements in the Diversification of Chagas Disease Vectors. <i>International Journal of Molecular Sciences</i> , 2023, 24, 6350.	1.8	1
4790	Historical Perspective of the Characterization of Conotoxins Targeting Voltage-Gated Sodium Channels. <i>Marine Drugs</i> , 2023, 21, 209.	2.2	2
4791	Retrospective analysis of dissemination of the 2.MED1 phylogenetic branch of <i>Yersinia pestis</i> in the Caucasus. <i>PLoS ONE</i> , 2023, 18, e0283670.	1.1	0
4793	Comparative Analysis of the Alkaline Proteolytic Enzymes of <i>Yarrowia</i> Clade Species and Their Putative Applications. <i>International Journal of Molecular Sciences</i> , 2023, 24, 6514.	1.8	3
4795	Direct and indirect viral associations predict coexistence in wild plant virus communities. <i>Current Biology</i> , 2023, 33, 1665-1676.e4.	1.8	2
4796	Two new species of genus <i>Leucoagaricus</i> (Agaricaceae, Agaricales) from Pakistan. <i>MycKeys</i> , 0, 96, 159-171.	0.8	1
4797	Whole-Genome Characterization of SARS-CoV-2 Reveals Simultaneous Circulation of Three Variants and a Putative Recombination (20B/20H) in Pets, Brazzaville, Republic of the Congo. <i>Viruses</i> , 2023, 15, 933.	1.5	1
4798	Telomeric retrotransposons show propensity to form G-quadruplexes in various eukaryotic species. <i>Mobile DNA</i> , 2023, 14, .	1.3	2
4799	Coupling large-spatial scale larval dispersal modelling with barcoding to refine the amphi-Atlantic connectivity hypothesis in deep-sea seep mussels. <i>Frontiers in Marine Science</i> , 0, 10, .	1.2	0
4800	Morphology and molecular phylogeny of a widely distributed but little-known sand-dwelling phototrophic dinoflagellate, <i>Coutea sabulosa</i> gen. & sp. nov. (Dinophyceae). <i>Journal of Eukaryotic Microbiology</i> , 2023, 70, .	0.6	1
4801	An RNA-based system to study hepatitis B virus replication and evaluate antivirals. <i>Science Advances</i> , 2023, 9, .	4.7	1
4802	Evolution of Linoleic Acid Biosynthesis Paved the Way for Ecological Success of Termites. <i>Molecular Biology and Evolution</i> , 2023, 40, .	3.5	1
4803	Molecular Tools to Infer Resistance-Breaking Abilities of Rice Yellow Mottle Virus Isolates. <i>Viruses</i> , 2023, 15, 959.	1.5	0
4804	The invasive Asian benthic foraminifera <i>Trochammina hadai</i> Uchio, 1962: identification of a new local in Normandy (France) and a discussion on its putative introduction pathways. <i>Aquatic Invasions</i> , 2023, 18, 23-38.	0.6	2
4805	Molecular phylogeny of the genus <i>Dorometra</i> Clark, 1917 (Crinoidea: Comatulida: Antedonidae): a new genus and new insights for future taxonomic revisions of Antedonidae. <i>Systematics and Biodiversity</i> , 2023, 21, .	0.5	0

#	ARTICLE	IF	CITATIONS
4806	Identification of d-arabinan-degrading enzymes in mycobacteria. Nature Communications, 2023, 14, .	5.8	5
4807	Distribution and molecular evolution of the anti-CRISPR family AcrIF7. PLoS Biology, 2023, 21, e3002072.	2.6	0
4808	What was old is new again: Phenotypic screening of a unique fungal library yields pyridoxatin, a promising lead against extensively resistant Acinetobacter baumannii (AB5075). Phytochemistry Letters, 2023, 55, 88-96.	0.6	0
4975	Molecular Techniques for Analysis of Biodiversity by Agarose Gel Electrophoresis. , 0, , .		0
4976	Identification of Protein Secretion Systems in Bacterial Genomes Using MacSyFinder Version 2. Methods in Molecular Biology, 2024, , 1-25.	0.4	1