

Gert WÄrheide

List of Publications by Year in descending order

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Version: 2024-02-01

195
papers

11,406
citations

36303

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38395

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233
docs citations

233
times ranked

12467
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptional response of the calcification and stress response toolkits in an octocoral under heat and pH stress. <i>Molecular Ecology</i> , 2022, 31, 798-810.	3.9	7
2	The era of reference genomes in conservation genomics. <i>Trends in Ecology and Evolution</i> , 2022, 37, 197-202.	8.7	138
3	TransPiâ€”a comprehensive TRanscriptome ANalysis Pipeline for <i>de novo</i> transcriptome assembly. <i>Molecular Ecology Resources</i> , 2022, 22, 2070-2086.	4.8	14
4	Short-Term Exposure to High-Temperature Water Causes a Shift in the Microbiome of the Common Aquarium Sponge <i>Lendenfeldia chondrodes</i> . <i>Microbial Ecology</i> , 2021, 81, 213-222.	2.8	25
5	Sponges as bioindicators for microparticulate pollutants?. <i>Environmental Pollution</i> , 2021, 268, 115851.	7.5	17
6	The Biology and Evolution of Calcite and Aragonite Mineralization in Octocorallia. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	2.2	12
7	Systematics of â€”lithistidâ€” tetractinellid demosponges from the Tropical Western Atlanticâ€”implications for phylodiversity and bathymetric distribution. <i>PeerJ</i> , 2021, 9, e10775.	2.0	9
8	Carbonic Anhydrases: An Ancient Tool in Calcareous Sponge Biomineralization. <i>Frontiers in Genetics</i> , 2021, 12, 624533.	2.3	6
9	<p>Zootaxa 20 years: Phylum Porifera</p>. <i>Zootaxa</i> , 2021, 4979, 38-56.	0.5	1
10	Genome Evolution in Bacteria Isolated from Million-Year-Old Subseafloor Sediment. <i>MBio</i> , 2021, 12, e0115021.	4.1	9
11	A Soft Spot for Chemistryâ€”Current Taxonomic and Evolutionary Implications of Sponge Secondary Metabolite Distribution. <i>Marine Drugs</i> , 2021, 19, 448.	4.6	17
12	Rossellid glass sponges (Porifera, Hexactinellida) from New Zealand waters, with description of one new genus and six new species. <i>ZooKeys</i> , 2021, 1060, 33-84.	1.1	4
13	Profiling cellular diversity in sponges informs animal cell type and nervous system evolution. <i>Science</i> , 2021, 374, 717-723.	12.6	111
14	Antibacterial scalarane from <i>Doriprismatica stellata</i> nudibranchs (Gastropoda, Nudibranchia), egg ribbons, and their dietary sponge <i>Spongia</i> cf. <i>agaricina</i> (Demospongiae). <i>Tj ETQq0 0 0 rgBT /Overdack 10 Tf150 217 Td</i>		
15	Anaerobic metabolism of Foraminifera thriving below the seafloor. <i>ISME Journal</i> , 2020, 14, 2580-2594.	9.8	31
16	Comparative Proteomics of Octocoral and Scleractinian Skeletomes and the Evolution of Coral Calcification. <i>Genome Biology and Evolution</i> , 2020, 12, 1623-1635.	2.5	14
17	Tracing animal genomic evolution with the chromosomal-level assembly of the freshwater sponge <i>Ephydatia muelleri</i> . <i>Nature Communications</i> , 2020, 11, 3676.	12.8	72
18	Indo-Pacific Phylogeography of the Lemon Sponge <i>Leucetta chagosensis</i> . <i>Diversity</i> , 2020, 12, 466.	1.7	3

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19	Biodegradation of textile waste by marine bacterial communities enhanced by light. <i>Environmental Microbiology Reports</i> , 2020, 12, 406-418.	2.4	8
20	Having the balls to colonize – The Ephydatia fluviatilis group and the origin of (ancient) lake –endemic–sponge lineages. <i>Journal of Great Lakes Research</i> , 2020, 46, 1140-1145.	1.9	9
21	Soft sponges with tricky tree: On the phylogeny of dictyoceratid sponges. <i>Journal of Zoological Systematics and Evolutionary Research</i> , 2020, 58, 27-40.	1.4	14
22	Molecular biodiversity of Iranian shallow water sponges. <i>Systematics and Biodiversity</i> , 2020, 18, 192-202.	1.2	11
23	Compositional and Quantitative Insights Into Bacterial and Archaeal Communities of South Pacific Deep-Sea Sponges (Demospongiae and Hexactinellida). <i>Frontiers in Microbiology</i> , 2020, 11, 716.	3.5	41
24	Phylogenetic, genomic, and biogeographic characterization of a novel and ubiquitous marine invertebrate-associated Rickettsiales parasite, <i>Candidatus Aquarickettsia rohweri</i> , gen. nov., sp. nov. <i>ISME Journal</i> , 2019, 13, 2938-2953.	9.8	82
25	New Non-Bilaterian Transcriptomes Provide Novel Insights into the Evolution of Coral Skeletomes. <i>Genome Biology and Evolution</i> , 2019, 11, 3068-3081.	2.5	21
26	The Role of Homology and Orthology in the Phylogenomic Analysis of Metazoan Gene Content. <i>Molecular Biology and Evolution</i> , 2019, 36, 643-649.	8.9	44
27	Sponges of the Red Sea. <i>Coral Reefs of the World</i> , 2019, , 91-122.	0.7	3
28	Minimalist barcodes for sponges: a case study classifying African freshwater Spongillida. <i>Genome</i> , 2019, 62, 1-10.	2.0	18
29	A 16S <i>scp</i> rRNA gene sequencing and analysis protocol for the Illumina MiniSeq platform. <i>MicrobiologyOpen</i> , 2018, 7, e00611.	3.0	94
30	New species and a molecular dating analysis of <i>Vetulina</i> Schmidt, 1879 (Porifera: Demospongiae: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Society, 2018, 184, 585-604.	2.3	8
31	Seven new deep-water Tetractinellida (Porifera: Demospongiae) from the Galápagos Islands – morphological descriptions and DNA barcodes. <i>Zoological Journal of the Linnean Society</i> , 2018, 184, 273-303.	2.3	11
32	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.	0.5	3
33	Modified parallel strategies for preparation of heteroduplex plasmids for in vitro mismatch repair assays. <i>Analytical Biochemistry</i> , 2018, 556, 35-39.	2.4	0
34	A new species of the calcareous sponge genus <i>Leuclathrina</i> (Calcarea: Calcinea: Clathrinida) from the Maldives. <i>Zootaxa</i> , 2018, 4382, 147-158.	0.5	2
35	The last common ancestor of animals lacked the HIF pathway and respired in low-oxygen environments. <i>ELife</i> , 2018, 7, .	6.0	88
36	Understanding Animal Evolution: The Added Value of Sponge Transcriptomics and Genomics. <i>BioEssays</i> , 2018, 40, e1700237.	2.5	27

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37	Comparative genomics and the nature of placozoan species. <i>PLoS Biology</i> , 2018, 16, e2005359.	5.6	73
38	Divergence times in demosponges (Porifera): first insights from new mitogenomes and the inclusion of fossils in a birth-death clock model. <i>BMC Evolutionary Biology</i> , 2018, 18, 114.	3.2	49
39	Identification of an aquaculture poriferan "Pest" with Potential and its phylogenetic implications. <i>PeerJ</i> , 2018, 6, e5586.	2.0	13
40	Historical biogeography and mitogenomics of two endemic Mediterranean gorgonians (Holaxonia). <i>Trends in Ecology and Evolution</i> , 2018, 33, 1010-1019.	1.6	12
41	Volcanic ash supports a diverse bacterial community in a marine mesocosm. <i>Geobiology</i> , 2017, 15, 453-463.	2.4	19
42	Spicule formation in calcareous sponges: Coordinated expression of biomineralization genes and spicule-type specific genes. <i>Scientific Reports</i> , 2017, 7, 45658.	3.3	19
43	Similar Ratios of Introns to Intergenic Sequence across Animal Genomes. <i>Genome Biology and Evolution</i> , 2017, 9, 1582-1598.	2.5	48
44	Advancing genomics through the Global Invertebrate Genomics Alliance (GIGA). <i>Invertebrate Systematics</i> , 2017, 31, 1.	1.3	22
45	Evolution of group I introns in Porifera: new evidence for intron mobility and implications for DNA barcoding. <i>BMC Evolutionary Biology</i> , 2017, 17, 82.	3.2	33
46	Calceina of the Red Sea: providing a DNA barcode inventory with description of four new species. <i>Marine Biodiversity</i> , 2017, 47, 1009-1034.	1.0	18
47	A Large and Consistent Phylogenomic Dataset Supports Sponges as the Sister Group to All Other Animals. <i>Current Biology</i> , 2017, 27, 958-967.	3.9	423
48	Diversity of two widespread Indo-Pacific demosponge species revisited. <i>Marine Biodiversity</i> , 2017, 47, 1035-1043.	1.0	13
49	Dating early animal evolution using phylogenomic data. <i>Scientific Reports</i> , 2017, 7, 3599.	3.3	154
50	Comparative mitogenomics, phylogeny and evolutionary history of <i>Leptogorgia</i> (Gorgoniidae). <i>Molecular Phylogenetics and Evolution</i> , 2017, 115, 181-189.	2.7	25
51	Improved Modeling of Compositional Heterogeneity Supports Sponges as Sister to All Other Animals. <i>Current Biology</i> , 2017, 27, 3864-3870.e4.	3.9	244
52	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.	1.2	7
53	Mitochondrial RNA processing in absence of tRNA punctuations in octocorals. <i>BMC Molecular Biology</i> , 2017, 18, 16.	3.0	12
54	Corrigendum to: Advancing genomics through the Global Invertebrate Genomics Alliance (GIGA). <i>Invertebrate Systematics</i> , 2017, 31, 231.	1.3	2

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55	Persistent Gaps of Knowledge for Naming and Distinguishing Multiple Species of Crown-of-Thorns-Seastar in the <i>Acanthaster planci</i> Species Complex. <i>Diversity</i> , 2017, 9, 22.	1.7	49
56	Transcriptomic Resilience of the <i>Montipora digitata</i> Holobiont to Low pH. <i>Frontiers in Marine Science</i> , 2017, 4, .	2.5	16
57	Never Ending Analysis of a Century Old Evolutionary Debate: “Unringing” the Urmetazoon Bell. <i>Frontiers in Ecology and Evolution</i> , 2016, 4, .	2.2	15
58	Staying well connected “ Lithistid sponges on seamounts. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2016, 96, 437-451.	0.8	8
59	MtDNA diversity of the Indonesian giant barrel sponge <i>Xestospongia testudinaria</i> (Porifera: Tj ETQq1 1 0.784314 rgBT /Overlook Biological Association of the United Kingdom, 2016, 96, 323-332.	0.8	15
60	The lysidyl aminoacyl transfer RNA synthetase intron, a new marker for demosponge phylogeographics “ case study on <i>Neopetrosia</i> . <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2016, 96, 333-339.	0.8	0
61	Bottomless barrel-sponge species in the Indo-Pacific?. <i>Zootaxa</i> , 2016, 4136, 393-6.	0.5	6
62	A new species of lithistid sponge hiding within the <i>Isabella mirabilis</i> species complex (Porifera: Demospongiae: Tetractinellida) from seamounts of the Norfolk Ridge. <i>Zootaxa</i> , 2016, 4136, 433.	0.5	5
63	Mitochondrial genomes of the freshwater sponges <i>Spongilla lacustris</i> and <i>Ephydatia cf. muelleri</i> . <i>Mitochondrial DNA Part B: Resources</i> , 2016, 1, 250-251.	0.4	5
64	Evaluation and validation of reference genes for qPCR analysis to study climate change-induced stresses in <i>Sinularia cf. cruciata</i> (Octocorallia: Alcyonidae). <i>Journal of Experimental Marine Biology and Ecology</i> , 2016, 483, 42-52.	1.5	3
65	Molecular paleobiology “ Progress and perspectives. <i>Palaeoworld</i> , 2016, 25, 138-148.	1.1	8
66	Molecular biodiversity of Red Sea demosponges. <i>Marine Pollution Bulletin</i> , 2016, 105, 507-514.	5.0	41
67	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.	1.6	35
68	Reply to Halanych et al.: Ctenophore misplacement is corroborated by independent datasets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E948-9.	7.1	14
69	Homoplasious colony morphology and mito-nuclear phylogenetic discordance among Eastern Pacific octocorals. <i>Molecular Phylogenetics and Evolution</i> , 2016, 98, 373-381.	2.7	22
70	Spatial patterns in the distribution of benthic assemblages across a large depth gradient in the Coral Sea, Australia. <i>Marine Biodiversity</i> , 2016, 46, 795-808.	1.0	10
71	Nothing in (sponge) biology makes sense “ except when based on holotypes. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2016, 96, 305-311.	0.8	24
72	Genetic structure of the crown-of-thorns seastar in the Pacific Ocean, with focus on Guam. <i>PeerJ</i> , 2016, 4, e1970.	2.0	12

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73	Systematic relationships of five newly sequenced cervid species. PeerJ, 2016, 4, e2307.	2.0	42
74	New insights into the vertebral <i>Hox</i> code of archosaurs. Evolution & Development, 2015, 17, 258-269.	2.0	17
75	Deceptive Desmas: Molecular Phylogenetics Suggests a New Classification and Uncovers Convergent Evolution of Lithistid Demosponges. PLoS ONE, 2015, 10, e116038.	2.5	45
76	Diversity in a Cold Hot-Spot: DNA-Barcoding Reveals Patterns of Evolution among Antarctic Demosponges (Class Demospongiae, Phylum Porifera). PLoS ONE, 2015, 10, e0127573.	2.5	20
77	The Skeleton Forming Proteome of an Early Branching Metazoan: A Molecular Survey of the Biomineralization Components Employed by the Coralline Sponge <i>Vaceletia</i> Sp.. PLoS ONE, 2015, 10, e0140100.	2.5	21
78	The <i>Magellania venosa</i> Biomineralizing Proteome: A Window into Brachiopod Shell Evolution. Genome Biology and Evolution, 2015, 7, 1349-1362.	2.5	52
79	Correlation between <i>Hox</i> code and vertebral morphology in archosaurs. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20150077.	2.6	41
80	Genomic data do not support comb jellies as the sister group to all other animals. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 15402-15407.	7.1	286
81	A Mitochondrial Intron in a Verongid Sponge. Journal of Molecular Evolution, 2015, 80, 13-17.	1.8	10
82	Spatial variability of microbial communities of the coralline demosponge <i>Astrosclera willeyana</i> across the Indo-Pacific. Aquatic Microbial Ecology, 2015, 74, 143-156.	1.8	3
83	Revision of the brachiopod genus <i>Amphithyris</i> (Rhynchonelliformea: Platidiidae) with descriptions of two new species. Zootaxa, 2014, 3847, 221-40.	0.5	2
84	Symbiophagy and biomineralization in the "living fossil" <i>Astrosclera willeyana</i> . Autophagy, 2014, 10, 408-415.	9.1	13
85	Private collections of fossils are a plus. Nature, 2014, 512, 371-371.	27.8	1
86	Return of the ghosts of dispersal past: historical spread and contemporary gene flow in the blue sea star &Linckia laevigata&. Bulletin of Marine Science, 2014, 90, 399-425.	0.8	32
87	The Global Invertebrate Genomics Alliance (GIGA): Developing Community Resources to Study Diverse Invertebrate Genomes. Journal of Heredity, 2014, 105, 1-18.	2.4	96
88	Molecular phylogeny and DNA barcoding of tropical eastern Pacific shallow-water gorgonian octocorals. Marine Biology, 2014, 161, 1027-1038.	1.5	20
89	The HMA-LMA Dichotomy Revisited: an Electron Microscopical Survey of 56 Sponge Species. Biological Bulletin, 2014, 227, 78-88.	1.8	188
90	Characterization of the proteinaceous skeletal organic matrix from the precious coral <i>Corallium konojoi</i> . Proteomics, 2014, 14, 2600-2606.	2.2	8

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91	Identification and first insights into the structure and biosynthesis of chitin from the freshwater sponge <i>Spongilla lacustris</i> . <i>Journal of Structural Biology</i> , 2013, 183, 474-483.	2.8	88
92	Phylogeography of the crown-of-thorns starfish: genetic structure within the Pacific species. <i>Coral Reefs</i> , 2013, 32, 515-525.	2.2	34
93	Novel Scenarios of Early Animal Evolution—Is It Time to Rewrite Textbooks?. <i>Integrative and Comparative Biology</i> , 2013, 53, 503-511.	2.0	66
94	A morphometric and genetic framework for the genus <i>Gazella</i> Blainville, 1816 (Ruminantia: Bovidae) with special focus on Arabian and Levantine mountain gazelles. <i>Zoological Journal of the Linnean Society</i> , 2013, 169, 673-696.	2.3	27
95	Molecular paleobiology of early-branching animals: integrating DNA and fossils elucidates the evolutionary history of hexactinellid sponges. <i>Paleobiology</i> , 2013, 39, 95-108.	2.0	19
96	Mitochondrial DNA of <i>Clathrina clathrus</i> (Calcarea, Calcinea): Six Linear Chromosomes, Fragmented rRNAs, tRNA Editing, and a Novel Genetic Code. <i>Molecular Biology and Evolution</i> , 2013, 30, 865-880.	8.9	78
97	Molecular phylogeny of <i>Abyssocladia</i> (Cladorhizidae: Poecilosclerida) and <i>Phelloderma</i> (Phellodermidae: Poecilosclerida) suggests a diversification of chelae microscleres in cladorhizid sponges. <i>Zoologica Scripta</i> , 2013, 42, 106-116.	1.7	24
98	Deep metazoan phylogeny: When different genes tell different stories. <i>Molecular Phylogenetics and Evolution</i> , 2013, 67, 223-233.	2.7	242
99	Phylogenetic Diversity and Community Structure of the Symbionts Associated with the Coralline Sponge <i>Astrosclera willeyana</i> of the Great Barrier Reef. <i>Microbial Ecology</i> , 2013, 65, 740-752.	2.8	11
100	A revised phylogeny of Antilopini (Bovidae, Artiodactyla) using combined mitochondrial and nuclear genes. <i>Molecular Phylogenetics and Evolution</i> , 2013, 67, 484-493.	2.7	44
101	Phylogeny of Tetillidae (Porifera, Demospongiae, Spirophorida) based on three molecular markers. <i>Molecular Phylogenetics and Evolution</i> , 2013, 67, 509-519.	2.7	29
102	Microbial diversity in the coralline sponge <i>Vaceletia crypta</i> . <i>Antonie Van Leeuwenhoek</i> , 2013, 103, 1041-1056.	1.7	14
103	The curious case of <i>Gazella arabica</i> . <i>Mammalian Biology</i> , 2013, 78, 220-225.	1.5	20
104	First report on chitinous holdfast in sponges (Porifera). <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20130339.	2.6	40
105	Managing and Sharing the Escalating Number of Sponge "Unknowns": The SpongeMaps Project. <i>Integrative and Comparative Biology</i> , 2013, 53, 473-481.	2.0	16
106	Analysis of the Proteinaceous Components of the Organic Matrix of Calcitic Sclerites from the Soft Coral <i>Sinularia</i> sp.. <i>PLoS ONE</i> , 2013, 8, e58781.	2.5	12
107	Lock, Stock and Two Different Barrels: Comparing the Genetic Composition of Morphotypes of the Indo-Pacific Sponge <i>Xestospongia testudinaria</i> . <i>PLoS ONE</i> , 2013, 8, e74396.	2.5	27
108	British Indian Ocean Territory (the Chagos Archipelago): Setting, Connections and the Marine Protected Area. <i>Coral Reefs of the World</i> , 2013, , 223-240.	0.7	8

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109	Deep Phylogeny and Evolution of Sponges (Phylum Porifera). <i>Advances in Marine Biology</i> , 2012, 61, 1-78.	1.4	116
110	ALG11 – A new variable DNA marker for sponge phylogeny: Comparison of phylogenetic performances with the 18S rDNA and the COI gene. <i>Molecular Phylogenetics and Evolution</i> , 2012, 63, 702-713.	2.7	25
111	Horny sponges and their affairs: On the phylogenetic relationships of keratose sponges. <i>Molecular Phylogenetics and Evolution</i> , 2012, 63, 809-816.	2.7	65
112	Cell death and renewal during prey capture and digestion in the carnivorous sponge <i>Asbestopluma hypogea</i> (Porifera: Poecilosclerida). <i>Journal of Experimental Biology</i> , 2012, 215, 3937-43.	1.7	15
113	Development of microsatellite loci in the common reef starfish <i>Linckia laevigata</i> and <i>Linckia multifora</i> . <i>Ecological Research</i> , 2012, 27, 1095-1097.	1.5	0
114	Molecular Phylogenetic Evaluation of Classification and Scenarios of Character Evolution in Calcareous Sponges (Porifera, Class Calcarea). <i>PLoS ONE</i> , 2012, 7, e33417.	2.5	44
115	Barcoding Sponges: An Overview Based on Comprehensive Sampling. <i>PLoS ONE</i> , 2012, 7, e39345.	2.5	58
116	Phylogeography of the Crown-of-Thorns Starfish in the Indian Ocean. <i>PLoS ONE</i> , 2012, 7, e43499.	2.5	44
117	Independent evolution of striated muscles in cnidarians and bilaterians. <i>Nature</i> , 2012, 487, 231-234.	27.8	221
118	The phylogeny of halichondrid demosponges: past and present re-visited with DNA-barcoding data. <i>Organisms Diversity and Evolution</i> , 2012, 12, 57-70.	1.6	30
119	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.	2.0	24
120	First evidence of miniature transposable elements in sponges (Porifera). <i>Hydrobiologia</i> , 2012, 687, 43-47.	2.0	2
121	First evaluation of mitochondrial DNA as a marker for phylogeographic studies of Calcarea: a case study from <i>Leucetta chagosensis</i> . <i>Hydrobiologia</i> , 2012, 687, 101-106.	2.0	13
122	Evolution, radiation and chemotaxonomy of <i>Lamellodysidea</i> , a demosponge genus with anti-plasmodial metabolites. <i>Marine Biology</i> , 2012, 159, 1119-1127.	1.5	15
123	Cloning, characterization and sulfonamide inhibition studies of an $\hat{\pm}$ -carbonic anhydrase from the living fossil sponge <i>Astrosclera willeyana</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 1403-1410.	3.0	8
124	Anion inhibition studies of an $\hat{\pm}$ -carbonic anhydrase from the living fossil <i>Astrosclera willeyana</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 1314-1316.	2.2	6
125	First evaluation of mitochondrial DNA as a marker for phylogeographic studies of Calcarea: a case study from <i>Leucetta chagosensis</i> . , 2012, , 101-106.		1
126	Animal Biocalcification, Evolution. <i>Encyclopedia of Earth Sciences Series</i> , 2011, , 53-58.	0.1	1

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127	Insights into the evolution of freshwater sponges (Porifera: Demospongiae: Spongillina): Barcoding and phylogenetic data from Lake Tanganyika endemics indicate multiple invasions and unsettle existing taxonomy. <i>Molecular Phylogenetics and Evolution</i> , 2011, 61, 231-236.	2.7	38
128	Systematics and spicule evolution in dictyonal sponges (Hexactinellida: Sceptrulophora) with description of two new species. <i>Zoological Journal of the Linnean Society</i> , 2011, 163, 1003-1025.	2.3	22
129	Poriferan survivin exhibits a conserved regulatory role in the interconnected pathways of cell cycle and apoptosis. <i>Cell Death and Differentiation</i> , 2011, 18, 201-213.	11.2	9
130	Challenges for biodiversity research in Europe. <i>Procedia, Social and Behavioral Sciences</i> , 2011, 13, 83-100.	0.5	8
131	Precious coral and rock sponge gardens on the deep aphotic fore-reef of Osprey Reef (Coral Sea, Tj ETQq1 1 0.784314 rgBT /Overlook	2.2	2
132	RNA interference in marine and freshwater sponges: actin knockdown in <i>Tethya wilhelma</i> and <i>Ephydatia muelleriby</i> ingested dsRNA expressing bacteria. <i>BMC Biotechnology</i> , 2011, 11, 67.	3.3	49
133	A horizontal gene transfer supported the evolution of an early metazoan biomineralization strategy. <i>BMC Evolutionary Biology</i> , 2011, 11, 238.	3.2	52
134	NUMTs in the Sponge Genome Reveal Conserved Transposition Mechanisms in Metazoans. <i>Molecular Biology and Evolution</i> , 2011, 28, 1-5.	8.9	19
135	Calcite Formation in Soft Coral Sclerites Is Determined by a Single Reactive Extracellular Protein. <i>Journal of Biological Chemistry</i> , 2011, 286, 31638-31649.	3.4	31
136	Resolving Difficult Phylogenetic Questions: Why More Sequences Are Not Enough. <i>PLoS Biology</i> , 2011, 9, e1000602.	5.6	932
137	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
138	Improved Phylogenomic Taxon Sampling Noticeably Affects Nonbilateral Relationships. <i>Molecular Biology and Evolution</i> , 2010, 27, 1983-1987.	8.9	298
139	Two Pione species (Hadromerida, Clionaidae) from the Red Sea: a taxonomical challenge. <i>Organisms Diversity and Evolution</i> , 2010, 10, 275-285.	1.6	11
140	Unsuspected diversity of <i>Niphargus</i> amphipods in the chemoautotrophic cave ecosystem of Frasassi, central Italy. <i>BMC Evolutionary Biology</i> , 2010, 10, 171.	3.2	57
141	An evolutionary fast-track to biocalcification. <i>Geobiology</i> , 2010, 8, 191-196.	2.4	26
142	Mineralization of the metre-long biosilica structures of glass sponges is templated on hydroxylated collagen. <i>Nature Chemistry</i> , 2010, 2, 1084-1088.	13.6	149
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