Hong Zou

List of Publications by Year in descending order

110 papers	3,596 citations	257450 24 h-index	155660 55 g-index
113 all docs	113 docs citations	113 times ranked	3320 citing authors

#	Article	IF	Citations
1	PhyloSuite: An integrated and scalable desktop platform for streamlined molecular sequence data management and evolutionary phylogenetics studies. Molecular Ecology Resources, 2020, 20, 348-355.	4.8	1,605
2	Composition, Diversity, and Origin of the Bacterial Community in Grass Carp Intestine. PLoS ONE, 2012, 7, e30440.	2.5	407
3	Succession and Fermentation Products of Grass Carp (Ctenopharyngodon idellus) Hindgut Microbiota in Response to an Extreme Dietary Shift. Frontiers in Microbiology, 2017, 8, 1585.	3.5	77
4	Bimodal effects of MK-801 on locomotion and stereotypy in C57BL/6 mice. Psychopharmacology, 2005, 177, 256-263.	3.1	62
5	Impacts of diet on hindgut microbiota and short-chain fatty acids in grass carp (Ctenopharyngodon idellus). Aquaculture Research, 2017, 48, 5595-5605.	1.8	60
6	The complete mitochondrial genome of parasitic nematode Camallanus cotti: extreme discontinuity in the rate of mitogenomic architecture evolution within the Chromadorea class. BMC Genomics, 2017, 18, 840.	2.8	60
7	Metatranscriptomic discovery of plant biomass-degrading capacity from grass carp intestinal microbiomes. FEMS Microbiology Ecology, 2015, 91, fiv107.	2.7	51
8	Effects of Bacillus licheniformis on the growth, antioxidant capacity, intestinal barrier and disease resistance of grass carp (Ctenopharyngodon idella). Fish and Shellfish Immunology, 2020, 97, 344-350.	3.6	49
9	Diversity and activity of cellulolytic bacteria, isolated from the gut contents of grass carp (Ctenopharyngodon idellus) (Valenciennes) fed on Sudan grass (Sorghum sudanense) or artificial feedstuffs. Aquaculture Research, 2016, 47, 153-164.	1.8	47
10	Diversity of autochthonous bacterial communities in the intestinal mucosa of grass carp (Ctenopharyngodon idellus) (Valenciennes) determined by culture-dependent and culture-independent techniques. Aquaculture Research, 2015, 46, 2344-2359.	1.8	42
11	Charged particle behavior in localized ultralow frequency waves: Theory and observations. Geophysical Research Letters, 2017, 44, 5900-5908.	4.0	40
12	Solar cycle variations of trapped proton flux in the inner radiation belt. Journal of Geophysical Research: Space Physics, 2014, 119, 9658-9669.	2.4	38
13	Mitochondrial genomes of two diplectanids (Platyhelminthes: Monogenea) expose paraphyly of the order Dactylogyridea and extensive tRNA gene rearrangements. Parasites and Vectors, 2018, 11, 601.	2.5	37
14	Anthelmintic efficacies of three common disinfectants and extracts of four traditional Chinese medicinal plants against Gyrodactylus kobayashii (Monogenea) in goldfish (Carassius auratus). Aquaculture, 2017, 466, 72-77.	3.5	35
15	Dietary Bile Salt Types Influence the Composition of Biliary Bile Acids and Gut Microbiota in Grass Carp. Frontiers in Microbiology, 2018, 9, 2209.	3.5	31
16	Mitochondrial Architecture Rearrangements Produce Asymmetrical Nonadaptive Mutational Pressures That Subvert the Phylogenetic Reconstruction in Isopoda. Genome Biology and Evolution, 2019, 11, 1797-1812.	2.5	31
17	Low dose MK-801 reduces social investigation in mice. Pharmacology Biochemistry and Behavior, 2008, 90, 753-757.	2.9	29
18	Shortâ€term variations of the inner radiation belt in the South Atlantic anomaly. Journal of Geophysical Research: Space Physics, 2015, 120, 4475-4486.	2.4	29

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19	Sequencing of the complete mitochondrial genome of a fish-parasitic flatworm Paratetraonchoides inermis (Platyhelminthes: Monogenea): tRNA gene arrangement reshuffling and implications for phylogeny. Parasites and Vectors, 2017, 10, 462.	2.5	29
20	The complete mitochondrial DNA of three monozoic tapeworms in the Caryophyllidea: a mitogenomic perspective on the phylogeny of eucestodes. Parasites and Vectors, 2017, 10, 314.	2.5	28
21	Three new Diplozoidae mitogenomes expose unusual compositional biases within the Monogenea class: implications for phylogenetic studies. BMC Evolutionary Biology, 2018, 18, 133.	3.2	28
22	Response of high-energy protons of the inner radiation belt to large magnetic storms. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	27
23	The influence of diet on the grass carp intestinal microbiota and bile acids. Aquaculture Research, 2017, 48, 4934-4944.	1.8	26
24	Determination of seasonal variations in the Martian neutral atmosphere from observations of ionospheric peak height. Journal of Geophysical Research, 2011, 116, .	3.3	25
25	Effect of intestinal tapeworms on the gut microbiota of the common carp, Cyprinus carpio. Parasites and Vectors, 2019, 12, 252.	2.5	22
26	Seasonal Occurrence of Helminths in the Anadromous Fish Coilia nasus (Engraulidae): Parasite Indicators of Fish Migratory Movements. Journal of Parasitology, 2011, 97, 192-196.	0.7	21
27	Expression analysis of immune genes in goldfish (Carassius auratus) infected with the monogenean parasite Gyrodactylus kobayashii. Fish and Shellfish Immunology, 2018, 77, 40-45.	3.6	20
28	Gut microbiota modulation and immunity response induced by Citrobacter freundii strain GC01 in grass carp (Ctenopharyngodon idellus). Aquaculture, 2020, 521, 735015.	3.5	20
29	Morphology is not a reliable taxonomic tool for the genus Lernaea: molecular data and experimental infection reveal that L. cyprinacea and L. cruciata are conspecific. Parasites and Vectors, 2019, 12, 579.	2.5	19
30	Growth performance, immunity and intestinal microbiota of swamp eel (Monopterus albus) fed a diet supplemented with house fly larvae (Musca domestica). Aquaculture Nutrition, 2020, 26, 693-704.	2.7	19
31	Ultralow frequency wave characteristics extracted from particle data: Application of IGSO observations. Science China Technological Sciences, 2017, 60, 419-424.	4.0	18
32	Basal position of two new complete mitochondrial genomes of parasitic Cymothoida (Crustacea:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Vectors, 2018, 11, 628.	2.5	18
33	Characterization of the bacterial community associated with early-developmental stages of grass carp (Ctenopharyngodon idella). Aquaculture Research, 2015, 46, 2728-2735.	1.8	17
34	Comparative mitogenomics supports synonymy of the genera Ligula and Digramma (Cestoda:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 14	2.5	17
35	Homoplasy or plesiomorphy? Reconstruction of the evolutionary history of mitochondrial gene order rearrangements in the subphylum Neodermata. International Journal for Parasitology, 2019, 49, 819-829.	3.1	17
36	Architectural instability, inverted skews and mitochondrial phylogenomics of Isopoda: outgroup choice affects the long-branch attraction artefacts. Royal Society Open Science, 2020, 7, 191887.	2.4	17

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37	Angular response of â€˜pin-holeâ€™ imaging structure measured by collimated Î² source. Science China Technological Sciences, 2013, 56, 2675-2680.	4.0	16
38	A novel method for analyzing genetic association with longitudinal phenotypes. Statistical Applications in Genetics and Molecular Biology, 2013, 12, 241-61.	0.6	16
39	Radial propagation of magnetospheric substorm-injected energetic electrons observed using a BD-IES instrument and Van Allen Probes. Science China Earth Sciences, 2016, 59, 1508-1516.	5.2	16
40	Evolutionary history of inversions in directional mutational pressures in crustacean mitochondrial genomes: Implications for evolutionary studies. Molecular Phylogenetics and Evolution, 2021, 164, 107288.	2.7	16
41	Ginsenoside Rb1 Improves Metabolic Disorder in High-Fat Diet-Induced Obese Mice Associated With Modulation of Gut Microbiota. Frontiers in Microbiology, 2022, 13, 826487.	3.5	16
42	Chronic alcohol consumption from adolescence-to-adulthood in miceâ€"Effect on growth and social behavior. Drug and Alcohol Dependence, 2009, 104, 119-125.	3.2	15
43	Population Genetic Structure of the AcanthocephalanAcanthosentis cheniin Anadromous, Freshwater, and Landlocked Stocks of Its Fish Host,Coilia nasus. Journal of Parasitology, 2014, 100, 193-197.	0.7	15
44	The Secular Variation of the Center of Geomagnetic South Atlantic Anomaly and Its Effect on the Distribution of Inner Radiation Belt Particles. Space Weather, 2017, 15, 1548-1558.	3.7	15
45	Cultivation of fish ciliate parasites: Progress and prospects. Reviews in Aquaculture, 2023, 15, 142-162.	9.0	15
46	The complete mitochondrial genome of Cymothoa indica has a highly rearranged gene order and clusters at the very base of the Isopoda clade. PLoS ONE, 2018, 13, e0203089.	2.5	14
47	Epidemiology and identification of two species of Chilodonella affecting farmed fishes in China. Veterinary Parasitology, 2018, 264, 8-17.	1.8	14
48	Gut segments outweigh the diet in shaping the intestinal microbiota composition in grass carp Ctenopharyngodon idellus. AMB Express, 2019, 9, 44.	3.0	14
49	Morphology of Nyctotheroides hubeiensis Li etÂal. 1998 from Frog Hosts with Molecular Phylogenetic Study of Clevelandellid Ciliates (Armophorea, Clevelandellida). Journal of Eukaryotic Microbiology, 2016, 63, 751-759.	1.7	12
50	Effects of goldfish (Carassius auratus) population size and body condition on the transmission of Gyrodactylus kobayashii (Monogenea). Parasitology, 2017, 144, 1221-1228.	1.5	12
51	New Magnetospheric Substorm Injection Monitor: Image Electron Spectrometer On Board a Chinese Navigation IGSO Satellite. Space Weather, 2018, 16, 121-125.	3.7	12
52	Chronic alcohol consumption from adolescence-to-adulthood in mice - hypothalamic gene expression changes in the dilated cardiomyopathy signaling pathway. BMC Neuroscience, 2014, 15, 61.	1.9	11
53	Supplemental description of Nyctotheroides pyriformis n. comb. (= Macrocytopharynxa pyriformis) Tj ETQq1 1 0.784314 rgBT /Overlock Macrocytopharynxa (Armophorea, Clevelandellida). European Journal of Protistology, 2017, 58, 152-163.	1.5	11
54	Imaging energetic electron spectrometer onboard a Chinese navigation satellite in the inclined GEO orbit. Science China Technological Sciences, 2018, 61, 1845-1865.	4.0	11

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55	Morphological and molecular characterization of a new ciliate Nyctotheroides grimi n. sp. (Armophorea, Clevelandellida) from Chinese frogs. Acta Tropica, 2020, 208, 105531.	2.0	11
56	Slow crabs â€•fast genomes: Locomotory capacity predicts skew magnitude in crustacean mitogenomes. Molecular Ecology, 2021, 30, 5488-5502.	3.9	11
57	Energetic particle radiations measured by particle detector on board CBERS-1 satellite. Science Bulletin, 2007, 52, 665-670.	1.7	7
58	Effects of Martian crustal magnetic field on its ionosphere. Science China Technological Sciences, 2010, 53, 1717-1724.	4.0	7
59	Anti-proton contamination design of the imaging energetic electron spectrometer based on Geant4 simulation. Science China Technological Sciences, 2015, 58, 1385-1391.	4.0	7
60	Mitochondrial Genomes of Two Thaparocleidus Species (Platyhelminthes: Monogenea) Reveal the First rRNA Gene Rearrangement among the Neodermata. International Journal of Molecular Sciences, 2019, 20, 4214.	4.1	7
61	Discussion on the geometric factor in the detection of high energy electrons in geospace. Science in China Series D: Earth Sciences, 2008, 51, 1-9.	0.9	6
62	Discrete energetic (â^¼50â€“200 keV) electron events in the high-altitude cusp/polar cap/lobe. Science China Technological Sciences, 2017, 60, 1935-1940.	4.0	6
63	Morphological Redescription of Opalina undulata Nie 1932 from Fejervarya limnocharis with Molecular Phylogenetic Study of Opalinids (Heterokonta, Opalinea). Journal of Eukaryotic Microbiology, 2018, 65, 783-791.	1.7	6
64	Sicuophora (Syn. Wichtermania) multigranularis from Quasipaa spinosa (Anura): morphological and molecular study, with emphasis on validity of Sicuophora (Armophorea, Clevelandellida). Parasite, 2018, 25, 38.	2.0	6
65	Effects of Local Dust Storms on the Upper Atmosphere of Mars: Observations and Simulations. Journal of Geophysical Research E: Planets, 2019, 124, 602-616.	3.6	6
66	Monte Carlo simulations of the sensor head of imaging energetic electron spectrometer onboard a Chinese IGSO navigation satellite. Science China Technological Sciences, 2019, 62, 1169-1181.	4.0	6
67	Identification of Intracellular Bacteria in the Ciliate Balantidium ctenopharyngodoni (Ciliophora, Litostomatea). Journal of Eukaryotic Microbiology, 2020, 67, 417-426.	1.7	6
68	First record of facultative parasitism of Chilodonella uncinata based on goldfish (Carassius auratus) infection model. Aquaculture, 2021, 538, 736535.	3.5	6
69	åšå±‚”µè·¯æ¿çš„æ·±å±‚å……ç”µç”µç©¶. Zhongguo Kexue Jishu Kexue/Scientia Sinica Technologica, 2015, 45, 330-337.	0.7	6
70	Investigation of electrons inside the satellite by the Geant4 simulation. Science China Technological Sciences, 2011, 54, 2271-2275.	4.0	5
71	Construction of two selectable markers for integrative/conjugative plasmids in Flavobacterium columnare. Chinese Journal of Oceanology and Limnology, 2012, 30, 269-278.	0.7	5
72	Composition and Diversity of Communities ofDactylogyrusspp. In Wild and Farmed GoldfishCarassius auratus. Journal of Parasitology, 2018, 104, 353-358.	0.7	5

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73	Superposed Epoch Analysis of the Energetic Electron Flux Variations During CIRs Measured by BDâ€ES. Space Weather, 2019, 17, 1765-1782.	3.7	5
74	Mitochondrial genomes and 28S rDNA contradict the proposed obsoletion of the order Tetraonchidea (Platyhelminthes: Monogenea). International Journal of Biological Macromolecules, 2020, 143, 891-901.	7.5	5
75	Distribution of energetic electrons in the near earth space: New observations from the BeiDa Imaging Electron Spectrometer and the Van Allen Probes. Planetary and Space Science, 2020, 186, 104919.	1.7	5
76	Observation of the Disturbed Events by the Particle Detector Inside â€œZy-1â€•Satellite. Chinese Journal of Geophysics, 2006, 49, 559-564.	0.2	4
77	Analysis of the observation of particle detector inside â€˜CBERS-1â€™ satellite under solar quiet conditions. Science in China Series D: Earth Sciences, 2006, 49, 342-357.	0.9	4
78	Richness and Diversity of Helminth Communities In the Japanese Grenadier Anchovy, Coilia nasus, During Its Anadromous Migration In the Yangtze River, China. Journal of Parasitology, 2012, 98, 449-452.	0.7	4
79	A method to estimate the neutral atmospheric density near the ionospheric main peak of Mars. Journal of Geophysical Research: Space Physics, 2016, 121, 3464-3475.	2.4	4
80	Light and transmission electron microscopy ofCepedea longa(Opalinidae) fromFejervarya limnocharis. Parasite, 2017, 24, 6.	2.0	4
81	Balantidium grimi n. sp. (Ciliophora, Litostomatea), a new species inhabiting the rectum of the frog Quasipaa spinosa from Lishui, China. Parasite, 2018, 25, 29.	2.0	4
82	Evidence for Adaptive Selection in the Mitogenome of a Mesoparasitic Monogenean Flatworm Enterogyrus malmbergi. Genes, 2019, 10, 863.	2.4	4
83	Sequencing of the Complete Mitochondrial Genome of Pingus sinensis (Spirurina: Quimperiidae): Gene Arrangements and Phylogenetic Implications. Genes, 2021, 12, 1772.	2.4	4
84	Chronic alcohol consumption from adolescence to adulthood in mice â€“ Hypothalamic gene expression changes in insulin-signaling pathway. Alcohol, 2014, 48, 571-578.	1.7	3
85	Direct measurement of the linear energy transfer of ions in silicon for space application. Science China Technological Sciences, 2016, 59, 128-134.	4.0	3
86	Redescription of Opalina triangulata (Heterokonta, Opalinea) from Fejervarya limnocharis based on morphological and molecular data. European Journal of Protistology, 2019, 71, 125639.	1.5	3
87	Identification of Gangesia oligonchis Roitman & Freze, 1964 (Cestoda: Onchoproteocephalidea) from Tachysurus fulvidraco Richardson in central China: implications for the validity of Gangesia pseudobagrae Chen, 1962. Systematic Parasitology, 2019, 96, 327-335.	1.1	3
88	Sindiplozoon coreius n. sp. (Monogenea: Diplozoidae) from the gills of Coreius guichenoti (Cyprinidae) in China. Parasitology International, 2022, 87, 102494.	1.3	3
89	An infection mechanism of Balantidium ctenopharyngodoni, based on its prevalence and in vitro cultivation. Aquaculture, 2022, 548, 737686.	3.5	3
90	BeiDa Imaging Electron Spectrometer observation of multi-period electron flux modulation caused by localized ultra-low-frequency waves. Annales Geophysicae, 2020, 38, 801-813.	1.6	3

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91	The Role of Intestinal Microbiota in Regulating the Metabolism of Bile Acids Is Conserved Across Vertebrates. Frontiers in Microbiology, 2022, 13, 824611.	3.5	3
92	Evolutionary rates of mitochondrial sequences and gene orders in Spirurina (Nematoda) are episodic but synchronised. , 2022, 1, 100033.		3
93	Effects of Schyzocotyle acheilognathi (Yamaguti, 1934) infection on the intestinal microbiota, growth and immune reactions of grass carp (Ctenopharyngodon idella). PLoS ONE, 2022, 17, e0266766.	2.5	3
94	A Conjunctive Study of Solar Flare 20010402 and Related Solar Proton Events by the Observation of SZ2/XD and ZY1/CBMC. Chinese Journal of Geophysics, 2004, 47, 837-842.	0.2	2
95	A Comparison Between Detections of Energetic Electron by ZY1/CBMC and SZ2/XD. Chinese Journal of Geophysics, 2004, 47, 644-651.	0.2	2
96	Comparison Between the Observation of the Particle Detector Inside â€˜ZYâ€1' Satellite and the Model of the Radiation Belt. Chinese Journal of Geophysics, 2007, 50, 593-598.	0.2	2
97	Obtain martian magnetic pileup boundary by spectrum of low energy electrons. Science China Technological Sciences, 2013, 56, 2349-2354.	4.0	2
98	An analysis of the correlation between the fluxes of high-energy electrons and low-middle-energy electrons in the magnetosphere. Science China Technological Sciences, 2016, 59, 1130-1136.	4.0	2
99	Morphological description of Opalina obtrigonoidea Metcalf, 1923 (Heterokonta, Opalinea) from Duttaphrynus melanostictus and evaluation of the ITS region as a suitable genetic marker for inter-species identification in Opalina. Parasitology International, 2020, 76, 102103.	1.3	2
100	Doubleâ€Peak Structures of Martian Nightside Total Electron Content in Strong Crustal Magnetic Cusp Regions. Geophysical Research Letters, 2021, 48, e2021GL092662.	4.0	2
101	A new species of Trichodina lishuiensis n. sp. (Ciliophora: Trichodinidae) in urinary bladder of Odorrana schmackeri (Amphibia: Ranidae) from Zhejiang, China. Acta Tropica, 2021, 221, 106015.	2.0	2
102	Description of Gyrodactylus banmae n. sp. (Monogenea, Gyrodactylidae) parasitic on zebrafish, Danio rerio. Parasitology International, 2022, 87, 102531.	1.3	2
103	Analysis of the internal charging data in medium earth orbit with numerical simulation and ground experiment. Science China Technological Sciences, 2022, 65, 977-986.	4.0	2
104	Population growth ofGyrodactylus kobayashiiin goldfish (Carassius auratus) associated with host density. Parasitology, 2022, 149, 1057-1064.	1.5	2
105	Inverted base composition skews and discontinuous mitochondrial genome architecture evolution in the Enoplea (Nematoda). BMC Genomics, 2022, 23, 376.	2.8	2
106	Pattern of novel object exploration in cynomolgus monkey <scp>M</scp>acaca fascicularis. Journal of Medical Primatology, 2017, 46, 19-24.	0.6	1
107	Acetyl-coenzyme A synthetase gene and its upstream promoter in the bacterial pathogen Flavobacterium columnare. Journal of Fishery Sciences of China, 2013, 18, 1100-1107.	0.2	1
108	Effects of dietary housefly larvae (Musca domestica) on the growth performance, immunity and intestinal microbiota of Chinese softâ€shelled turtle (Pelodiscus sinensis). Aquaculture Research, 2022, 53, 1862-1872.	1.8	1

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109	Differential behavior patterns in cynomolgus monkey <scp>M</scp>acaca fascicularis in home cage in response to human gaze. Journal of Medical Primatology, 2015, 44, 1-11.	0.6	0
110	Variations of the relativistic electron flux after a magnetospheric compression event. Science China Technological Sciences, 2017, 60, 638-647.	4.0	0