

# Hong Zou

## List of Publications by Year in descending order

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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	Cultivation of fish ciliate parasites: Progress and prospects. <i>Reviews in Aquaculture</i> , 2023, 15, 142-162.	9.0	15
2	<i>Sindiplozoon coreius</i> n. sp. (Monogenea: Diplozoidae) from the gills of <i>Coreius guichenoti</i> (Cyprinidae) in China. <i>Parasitology International</i> , 2022, 87, 102494.	1.3	3
3	An infection mechanism of <i>Balantidium ctenopharyngodoni</i> , based on its prevalence and in vitro cultivation. <i>Aquaculture</i> , 2022, 548, 737686.	3.5	3
4	Description of <i>Gyrodactylus banmae</i> n. sp. (Monogenea, Gyrodactylidae) parasitic on zebrafish, <i>Danio rerio</i> . <i>Parasitology International</i> , 2022, 87, 102531.	1.3	2
5	Analysis of the internal charging data in medium earth orbit with numerical simulation and ground experiment. <i>Science China Technological Sciences</i> , 2022, 65, 977-986.	4.0	2
6	The Role of Intestinal Microbiota in Regulating the Metabolism of Bile Acids Is Conserved Across Vertebrates. <i>Frontiers in Microbiology</i> , 2022, 13, 824611.	3.5	3
7	Evolutionary rates of mitochondrial sequences and gene orders in <i>Spirurina</i> (Nematoda) are episodic but synchronised. , 2022, 1, 100033.		3
8	Effects of dietary housefly larvae ( <i>Musca domestica</i> ) on the growth performance, immunity and intestinal microbiota of Chinese soft-shelled turtle ( <i>Pelodiscus sinensis</i> ). <i>Aquaculture Research</i> , 2022, 53, 1862-1872.	1.8	1
9	Ginsenoside Rb1 Improves Metabolic Disorder in High-Fat Diet-Induced Obese Mice Associated With Modulation of Gut Microbiota. <i>Frontiers in Microbiology</i> , 2022, 13, 826487.	3.5	16
10	Effects of <i>Schyzocotyle acheilognathi</i> (Yamaguti, 1934) infection on the intestinal microbiota, growth and immune reactions of grass carp ( <i>Ctenopharyngodon idella</i> ). <i>PLoS ONE</i> , 2022, 17, e0266766.	2.5	3
11	Population growth of <i>Gyrodactylus kobayashii</i> in goldfish ( <i>Carassius auratus</i> ) associated with host density. <i>Parasitology</i> , 2022, 149, 1057-1064.	1.5	2
12	Inverted base composition skews and discontinuous mitochondrial genome architecture evolution in the Enoplea (Nematoda). <i>BMC Genomics</i> , 2022, 23, 376.	2.8	2
13	Double-peak Structures of Martian Nightside Total Electron Content in Strong Crustal Magnetic Cusp Regions. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL092662.	4.0	2
14	First record of facultative parasitism of <i>Chilodonella uncinata</i> based on goldfish ( <i>Carassius auratus</i> ) infection model. <i>Aquaculture</i> , 2021, 538, 736535.	3.5	6
15	Slow crabs –fast genomes: Locomotory capacity predicts skew magnitude in crustacean mitogenomes. <i>Molecular Ecology</i> , 2021, 30, 5488-5502.	3.9	11
16	A new species of <i>Trichodina lishuiensis</i> n. sp. (Ciliophora: Trichodinidae) in urinary bladder of <i>Odorrana schmackeri</i> (Amphibia: Ranidae) from Zhejiang, China. <i>Acta Tropica</i> , 2021, 221, 106015.	2.0	2
17	Evolutionary history of inversions in directional mutational pressures in crustacean mitochondrial genomes: Implications for evolutionary studies. <i>Molecular Phylogenetics and Evolution</i> , 2021, 164, 107288.	2.7	16
18	Sequencing of the Complete Mitochondrial Genome of <i>Pingus sinensis</i> (Spirurina: Quimperiidae): Gene Arrangements and Phylogenetic Implications. <i>Genes</i> , 2021, 12, 1772.	2.4	4

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19	PhyloSuite: An integrated and scalable desktop platform for streamlined molecular sequence data management and evolutionary phylogenetics studies. <i>Molecular Ecology Resources</i> , 2020, 20, 348-355.	4.8	1,605
20	Mitochondrial genomes and 28S rDNA contradict the proposed obsolescence of the order Tetraonchidea (Platyhelminthes: Monogenea). <i>International Journal of Biological Macromolecules</i> , 2020, 143, 891-901.	7.5	5
21	Effects of <i>Bacillus licheniformis</i> on the growth, antioxidant capacity, intestinal barrier and disease resistance of grass carp ( <i>Ctenopharyngodon idella</i> ). <i>Fish and Shellfish Immunology</i> , 2020, 97, 344-350.	3.6	49
22	Growth performance, immunity and intestinal microbiota of swamp eel ( <i>Monopterus albus</i> ) fed a diet supplemented with house fly larvae ( <i>Musca domestica</i> ). <i>Aquaculture Nutrition</i> , 2020, 26, 693-704.	2.7	19
23	Morphological and molecular characterization of a new ciliate <i>Nyctotheroides grimi</i> n. sp. (Armophorea, Clevelandellida) from Chinese frogs. <i>Acta Tropica</i> , 2020, 208, 105531.	2.0	11
24	Distribution of energetic electrons in the near earth space: New observations from the BeiDa Imaging Electron Spectrometer and the Van Allen Probes. <i>Planetary and Space Science</i> , 2020, 186, 104919.	1.7	5
25	Architectural instability, inverted skews and mitochondrial phylogenomics of Isopoda: outgroup choice affects the long-branch attraction artefacts. <i>Royal Society Open Science</i> , 2020, 7, 191887.	2.4	17
26	Morphological description of <i>Opalina obtrigonoidea</i> Metcalf, 1923 (Heterokonta, Opalineae) from <i>Duttaphrynus melanostictus</i> and evaluation of the ITS region as a suitable genetic marker for inter-species identification in <i>Opalina</i> . <i>Parasitology International</i> , 2020, 76, 102103.	1.3	2
27	Identification of Intracellular Bacteria in the Ciliate <i>Balantidium ctenopharyngodoni</i> (Ciliophora, Litostomatea). <i>Journal of Eukaryotic Microbiology</i> , 2020, 67, 417-426.	1.7	6
28	Gut microbiota modulation and immunity response induced by <i>Citrobacter freundii</i> strain GC01 in grass carp ( <i>Ctenopharyngodon idellus</i> ). <i>Aquaculture</i> , 2020, 521, 735015.	3.5	20
29	BeiDa Imaging Electron Spectrometer observation of multi-period electron flux modulation caused by localized ultra-low-frequency waves. <i>Annales Geophysicae</i> , 2020, 38, 801-813.	1.6	3
30	Homoplasy or plesiomorphy? Reconstruction of the evolutionary history of mitochondrial gene order rearrangements in the subphylum Neodermata. <i>International Journal for Parasitology</i> , 2019, 49, 819-829.	3.1	17
31	Evidence for Adaptive Selection in the Mitogenome of a Mesoparasitic Monogenean Flatworm <i>Enterogyrus malmbergi</i> . <i>Genes</i> , 2019, 10, 863.	2.4	4
32	Gut segments outweigh the diet in shaping the intestinal microbiota composition in grass carp <i>Ctenopharyngodon idellus</i> . <i>AMB Express</i> , 2019, 9, 44.	3.0	14
33	Mitochondrial Genomes of Two <i>Thaparocleidus</i> Species (Platyhelminthes: Monogenea) Reveal the First rRNA Gene Rearrangement among the Neodermata. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4214.	4.1	7
34	Redescription of <i>Opalina triangulata</i> (Heterokonta, Opalineae) from <i>Fejervarya limnocharis</i> based on morphological and molecular data. <i>European Journal of Protistology</i> , 2019, 71, 125639.	1.5	3
35	Effect of intestinal tapeworms on the gut microbiota of the common carp, <i>Cyprinus carpio</i> . <i>Parasites and Vectors</i> , 2019, 12, 252.	2.5	22
36	Mitochondrial Architecture Rearrangements Produce Asymmetrical Nonadaptive Mutational Pressures That Subvert the Phylogenetic Reconstruction in Isopoda. <i>Genome Biology and Evolution</i> , 2019, 11, 1797-1812.	2.5	31

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37	Identification of <i>Gangesia oligonchis</i> Roitman & Freze, 1964 (Cestoda: Onchoproteocephalidea) from <i>Tachysurus fulvidraco</i> Richardson in central China: implications for the validity of <i>Gangesia pseudobagrae</i> Chen, 1962. <i>Systematic Parasitology</i> , 2019, 96, 327-335.	1.1	3
38	Effects of Local Dust Storms on the Upper Atmosphere of Mars: Observations and Simulations. <i>Journal of Geophysical Research E: Planets</i> , 2019, 124, 602-616.	3.6	6
39	Morphology is not a reliable taxonomic tool for the genus <i>Lernaea</i> : molecular data and experimental infection reveal that <i>L. cyprinacea</i> and <i>L. cruciata</i> are conspecific. <i>Parasites and Vectors</i> , 2019, 12, 579.	2.5	19
40	Superposed Epoch Analysis of the Energetic Electron Flux Variations During CIRs Measured by <i>BD</i> ES. <i>Space Weather</i> , 2019, 17, 1765-1782.	3.7	5
41	Monte Carlo simulations of the sensor head of imaging energetic electron spectrometer onboard a Chinese IGSO navigation satellite. <i>Science China Technological Sciences</i> , 2019, 62, 1169-1181.	4.0	6
42	New Magnetospheric Substorm Injection Monitor: Image Electron Spectrometer On Board a Chinese Navigation IGSO Satellite. <i>Space Weather</i> , 2018, 16, 121-125.	3.7	12
43	Morphological Redescription of <i>Opalina undulata</i> Nie 1932 from <i>Fejervarya limnocharis</i> with Molecular Phylogenetic Study of Opalinids (Heterokonta, Opalineae). <i>Journal of Eukaryotic Microbiology</i> , 2018, 65, 783-791.	1.7	6
44	Expression analysis of immune genes in goldfish ( <i>Carassius auratus</i> ) infected with the monogenean parasite <i>Gyrodactylus kobayashii</i> . <i>Fish and Shellfish Immunology</i> , 2018, 77, 40-45.	3.6	20
45	Imaging energetic electron spectrometer onboard a Chinese navigation satellite in the inclined GEO orbit. <i>Science China Technological Sciences</i> , 2018, 61, 1845-1865.	4.0	11
46	Basal position of two new complete mitochondrial genomes of parasitic Cymothoidea (Crustacea: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Vectors, 2018, 11, 628.	2.5	18
47	Mitochondrial genomes of two diplectanids (Platyhelminthes: Monogenea) expose paraphyly of the order Dactylogyridea and extensive tRNA gene rearrangements. <i>Parasites and Vectors</i> , 2018, 11, 601.	2.5	37
48	The complete mitochondrial genome of <i>Cymothoa indica</i> has a highly rearranged gene order and clusters at the very base of the Isopoda clade. <i>PLoS ONE</i> , 2018, 13, e0203089.	2.5	14
49	Epidemiology and identification of two species of <i>Chilodonella</i> affecting farmed fishes in China. <i>Veterinary Parasitology</i> , 2018, 264, 8-17.	1.8	14
50	Dietary Bile Salt Types Influence the Composition of Biliary Bile Acids and Gut Microbiota in Grass Carp. <i>Frontiers in Microbiology</i> , 2018, 9, 2209.	3.5	31
51	Three new Diplozoidae mitogenomes expose unusual compositional biases within the Monogenea class: implications for phylogenetic studies. <i>BMC Evolutionary Biology</i> , 2018, 18, 133.	3.2	28
52	<i>Balantidium grimi</i> n. sp. (Ciliophora, Litostomatea), a new species inhabiting the rectum of the frog <i>Quasipaa spinosa</i> from Lishui, China. <i>Parasite</i> , 2018, 25, 29.	2.0	4
53	<i>Sicuophora</i> (Syn. <i>Wichtermania</i> ) <i>multigranularis</i> from <i>Quasipaa spinosa</i> (Anura): morphological and molecular study, with emphasis on validity of <i>Sicuophora</i> (Armophorea, Clevelandellida). <i>Parasite</i> , 2018, 25, 38.	2.0	6
54	Comparative mitogenomics supports synonymy of the genera <i>Ligula</i> and <i>Digramma</i> (Cestoda: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	2.5	17

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55	Composition and Diversity of Communities of <i>Dactylogyrus</i> spp. In Wild and Farmed Goldfish <i>Carassius auratus</i> . Journal of Parasitology, 2018, 104, 353-358.	0.7	5
56	Supplemental description of <i>Nyctotheroides pyriformis</i> n. comb. (= <i>Macrocytopharynx pyriformis</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 <i>Macrocytopharynx</i> (Armophorea, Clevelandellida). European Journal of Protistology, 2017, 58, 152-163.	1.5	11
57	Light and transmission electron microscopy of <i>Cepedea longa</i> (Opalinidae) from <i>Fejervarya limnocharis</i> . Parasite, 2017, 24, 6.	2.0	4
58	Pattern of novel object exploration in cynomolgus monkey <i>M. acaca fascicularis</i> . Journal of Medical Primatology, 2017, 46, 19-24.	0.6	1
59	The influence of diet on the grass carp intestinal microbiota and bile acids. Aquaculture Research, 2017, 48, 4934-4944.	1.8	26
60	Charged particle behavior in localized ultralow frequency waves: Theory and observations. Geophysical Research Letters, 2017, 44, 5900-5908.	4.0	40
61	Effects of goldfish ( <i>Carassius auratus</i> ) population size and body condition on the transmission of <i>Gyrodactylus kobayashii</i> (Monogenea). Parasitology, 2017, 144, 1221-1228.	1.5	12
62	Impacts of diet on hindgut microbiota and short-chain fatty acids in grass carp ( <i>Ctenopharyngodon idellus</i> ). Aquaculture Research, 2017, 48, 5595-5605.	1.8	60
63	Ultralow frequency wave characteristics extracted from particle data: Application of IGSO observations. Science China Technological Sciences, 2017, 60, 419-424.	4.0	18
64	Variations of the relativistic electron flux after a magnetospheric compression event. Science China Technological Sciences, 2017, 60, 638-647.	4.0	0
65	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
66	Anthelmintic efficacies of three common disinfectants and extracts of four traditional Chinese medicinal plants against <i>Gyrodactylus kobayashii</i> (Monogenea) in goldfish ( <i>Carassius auratus</i> ). Aquaculture, 2017, 466, 72-77.	3.5	35
67	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
68	Discrete energetic ( $\sim 450$ –200 keV) electron events in the high-altitude cusp/polar cap/lobe. Science China Technological Sciences, 2017, 60, 1935-1940.	4.0	6
69	The complete mitochondrial genome of parasitic nematode <i>Camallanus cotti</i> : extreme discontinuity in the rate of mitogenomic architecture evolution within the Chromadorea class. BMC Genomics, 2017, 18, 840.	2.8	60
70	Succession and Fermentation Products of Grass Carp ( <i>Ctenopharyngodon idellus</i> ) Hindgut Microbiota in Response to an Extreme Dietary Shift. Frontiers in Microbiology, 2017, 8, 1585.	3.5	77
71	Sequencing of the complete mitochondrial genome of a fish-parasitic flatworm <i>Paratetraonchoides inermis</i> (Platyhelminthes: Monogenea): tRNA gene arrangement reshuffling and implications for phylogeny. Parasites and Vectors, 2017, 10, 462.	2.5	29
72	Morphology of <i>Nyctotheroides hubeiensis</i> Li et Al. 1998 from Frog Hosts with Molecular Phylogenetic Study of Clevelandellid Ciliates (Armophorea, Clevelandellida). Journal of Eukaryotic Microbiology, 2016, 63, 751-759.	1.7	12

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73	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
74	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
75	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
76	Diversity and activity of cellulolytic bacteria, isolated from the gut contents of grass carp ( <i>Ctenopharyngodon idellus</i> ) (Valenciennes) fed on Sudan grass ( <i>Sorghum sudanense</i> ) or artificial feedstuffs. Aquaculture Research, 2016, 47, 153-164.	1.8	47
77	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
78	Short-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
79	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
80	Diversity of autochthonous bacterial communities in the intestinal mucosa of grass carp ( <i>Ctenopharyngodon idellus</i> ) (Valenciennes) determined by culture-dependent and culture-independent techniques. Aquaculture Research, 2015, 46, 2344-2359.	1.8	42
81	Characterization of the bacterial community associated with early-developmental stages of grass carp ( <i>Ctenopharyngodon idella</i> ). Aquaculture Research, 2015, 46, 2728-2735.	1.8	17
82	Differential behavior patterns in cynomolgus monkey <i>Macaca fascicularis</i> in home cage in response to human gaze. Journal of Medical Primatology, 2015, 44, 1-11.	0.6	0
83	Metatranscriptomic discovery of plant biomass-degrading capacity from grass carp intestinal microbiomes. FEMS Microbiology Ecology, 2015, 91, fiv107.	2.7	51
84	“μè-æçš,,æ±â±,â.....ç”μç”ç©¶. Zhongguo Kexue Jishu Kexue/Scientia Sinica Technologica, 2015, 45, 330-337.	3.7	6
85	Population Genetic Structure of the Acanthocephalan <i>Acanthosentis cheni</i> in Anadromous, Freshwater, and Landlocked Stocks of Its Fish Host, <i>Coilia nasus</i> . Journal of Parasitology, 2014, 100, 193-197.	0.7	15
86	Chronic alcohol consumption from adolescence to adulthood in mice “Hypothalamic gene expression changes in insulin-signaling pathway. Alcohol, 2014, 48, 571-578.	1.7	3
87	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
88	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
89	Obtain martian magnetic pileup boundary by spectrum of low energy electrons. Science China Technological Sciences, 2013, 56, 2349-2354.	4.0	2
90	Angular response of “pin-hole”™ imaging structure measured by collimated $\hat{2}$ source. Science China Technological Sciences, 2013, 56, 2675-2680.	4.0	16

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91	A novel method for analyzing genetic association with longitudinal phenotypes. <i>Statistical Applications in Genetics and Molecular Biology</i> , 2013, 12, 241-61.	0.6	16
92	Acetyl-coenzyme A synthetase gene and its upstream promoter in the bacterial pathogen <i>Flavobacterium columnare</i> . <i>Journal of Fishery Sciences of China</i> , 2013, 18, 1100-1107.	0.2	1
93	Composition, Diversity, and Origin of the Bacterial Community in Grass Carp Intestine. <i>PLoS ONE</i> , 2012, 7, e30440.	2.5	407
94	Richness and Diversity of Helminth Communities In the Japanese Grenadier Anchovy, <i>Coilia nasus</i> , During Its Anadromous Migration In the Yangtze River, China. <i>Journal of Parasitology</i> , 2012, 98, 449-452.	0.7	4
95	Construction of two selectable markers for integrative/conjugative plasmids in <i>Flavobacterium columnare</i> . <i>Chinese Journal of Oceanology and Limnology</i> , 2012, 30, 269-278.	0.7	5
96	Seasonal Occurrence of Helminths in the Anadromous Fish <i>Coilia nasus</i> (Engraulidae): Parasite Indicators of Fish Migratory Movements. <i>Journal of Parasitology</i> , 2011, 97, 192-196.	0.7	21
97	Response of high-energy protons of the inner radiation belt to large magnetic storms. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	27
98	Determination of seasonal variations in the Martian neutral atmosphere from observations of ionospheric peak height. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	25
99	Investigation of electrons inside the satellite by the Geant4 simulation. <i>Science China Technological Sciences</i> , 2011, 54, 2271-2275.	4.0	5
100	Effects of Martian crustal magnetic field on its ionosphere. <i>Science China Technological Sciences</i> , 2010, 53, 1717-1724.	4.0	7
101	Chronic alcohol consumption from adolescence-to-adulthood in mice—Effect on growth and social behavior. <i>Drug and Alcohol Dependence</i> , 2009, 104, 119-125.	3.2	15
102	Discussion on the geometric factor in the detection of high energy electrons in geospace. <i>Science in China Series D: Earth Sciences</i> , 2008, 51, 1-9.	0.9	6
103	Low dose MK-801 reduces social investigation in mice. <i>Pharmacology Biochemistry and Behavior</i> , 2008, 90, 753-757.	2.9	29
104	Comparison Between the Observation of the Particle Detector Inside 'Satellite and the Model of the Radiation Belt. <i>Chinese Journal of Geophysics</i> , 2007, 50, 593-598.	0.2	2
105	Energetic particle radiations measured by particle detector on board CBERS-1 satellite. <i>Science Bulletin</i> , 2007, 52, 665-670.	1.7	7
106	Observation of the Disturbed Events by the Particle Detector Inside 'Satellite. <i>Chinese Journal of Geophysics</i> , 2006, 49, 559-564.	0.2	4
107	Analysis of the observation of particle detector inside 'CBERS-1 satellite under solar quiet conditions. <i>Science in China Series D: Earth Sciences</i> , 2006, 49, 342-357.	0.9	4
108	Bimodal effects of MK-801 on locomotion and stereotypy in C57BL/6 mice. <i>Psychopharmacology</i> , 2005, 177, 256-263.	3.1	62

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109	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
110	A Comparison Between Detections of Energetic Electron by ZY1/CBMC and SZ2/XD. Chinese Journal of Geophysics, 2004, 47, 644-651.	0.2	2