

# Hua Zhang

## List of Publications by Year in descending order

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48  
papers

2,162  
citations

430843

18  
h-index

233409

45  
g-index

49  
all docs

49  
docs citations

49  
times ranked

2496  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptomic Analysis and Comparison of the Gene Expression Profiles in Fast- and Slow-Growing Pearl Oysters <i>Pinctada fucata martensii</i> . <i>Journal of Ocean University of China</i> , 2022, 21, 186-194.	1.2	0
2	Proteome and Transcriptome Analysis of Gonads Reveals Intersex in <i>Gigantidas haimaensis</i> . <i>BMC Genomics</i> , 2022, 23, 174.	2.8	3
3	Molecular cloning and functional characterization of KCNQ1 in shell biomineralisation of pearl oyster <i>Pinctada fucata martensii</i> . <i>Gene</i> , 2022, 821, 146285.	2.2	0
4	Speciation and Release Kinetics Simulation of Zn and Cd from River Sediment Contaminated by Gold Mining. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	2.4	4
5	Comparative Transcriptomic and Expression Profiles Between the Foot Muscle and Mantle Tissues in the Giant Triton Snail <i>Charonia tritonis</i> . <i>Frontiers in Physiology</i> , 2021, 12, 632518.	2.8	4
6	Characterization of the complete mitochondrial genome of <i>Chrysochir aureus</i> and phylogenetic studies of Sciaenidae. <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 444-446.	0.4	0
7	The complete mitogenome and phylogenetic analysis of Indian driftfish, <i>Cubiceps squamiceps</i> (Scombriformes: Nomeidae). <i>Mitochondrial DNA Part B: Resources</i> , 2021, 6, 1606-1607.	0.4	0
8	Dual-isotope-based source apportionment of nitrate in 30 rivers draining into the Bohai Sea, north China. <i>Environmental Pollution</i> , 2021, 283, 117112.	7.5	22
9	Novel gene rearrangement in the mitochondrial genome of <i>Muraenesox cinereus</i> and the phylogenetic relationship of Anguilliformes. <i>Scientific Reports</i> , 2021, 11, 2411.	3.3	23
10	Characterization of the complete mitochondrial genome of <i>Macrotocinclus affinis</i> (Siluriformes;). <i>TJ ETQq0 0 0 rgBT/Overlock_10 Tf 50 3</i>	2.3	5
11	PacBio single molecule long-read sequencing provides insight into the complexity and diversity of the <i>Pinctada fucata martensii</i> transcriptome. <i>BMC Genomics</i> , 2020, 21, 481.	2.8	14
12	Spatial and temporal variations of antibiotics in a tidal river. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 336.	2.7	10
13	Characterization of the complete mitochondrial genome of <i>Hyphessobrycon herbertaxelrodi</i> (Characiformes, Characidae) and phylogenetic studies of Characiformes. <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 3622-3624.	0.4	2
14	Characterization of the complete mitochondrial genome of Chinese <i>Konosirus punctatus</i> (Clupeiformes, Clupeidae) and phylogenetic studies of Clupeiformes. <i>Mitochondrial DNA Part B: Resources</i> , 2020, 5, 3371-3373.	0.4	2
15	The role of a new insulin-like peptide in the pearl oyster <i>Pinctada fucata martensii</i> . <i>Scientific Reports</i> , 2020, 10, 433.	3.3	11
16	The role of the chondroitin sulfate synthase-1 gene in the immune response of the pearl oyster <i>Pinctada fucata</i> . <i>Fisheries Science</i> , 2020, 86, 487-494.	1.6	1
17	Journal of Coastal Conservation special issue "Coast and society". <i>Journal of Coastal Conservation</i> , 2019, 23, 713-716.	1.6	1
18	Comparative transcriptomic and proteomic analysis of yellow shell and black shell pearl oysters, <i>Pinctada fucata martensii</i> . <i>BMC Genomics</i> , 2019, 20, 469.	2.8	25

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19	Transcriptome analysis of mantle tissues reveals potential biomineralization-related genes in <i>Tectus pyramis</i> Born. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2019, 29, 131-144.	1.0	7
20	Morphological changes in the Qinzhou Bay, Southwest China. <i>Journal of Coastal Conservation</i> , 2019, 23, 829-841.	1.6	11
21	Identification and analysis of an MKK4 homologue in response to the nucleus grafting operation and antigens in the pearl oyster, <i>Pinctada fucata</i> . <i>Fish and Shellfish Immunology</i> , 2018, 73, 279-287.	3.6	11
22	Adsorption of antibiotics on microplastics. <i>Environmental Pollution</i> , 2018, 237, 460-467.	7.5	840
23	Characterization, source, and retention of microplastic in sandy beaches and mangrove wetlands of the Qinzhou Bay, China. <i>Marine Pollution Bulletin</i> , 2018, 136, 401-406.	5.0	192
24	Trapping of plastics in semi-enclosed seas: Insights from the Bohai Sea, China. <i>Marine Pollution Bulletin</i> , 2018, 137, 509-517.	5.0	37
25	Molecular cloning and characterization of a putative mitogen-activated protein kinase ( <i>Erk1/2</i> ) gene: Involvement in mantle immunity of <i>Pinctada fucata</i> . <i>Fish and Shellfish Immunology</i> , 2018, 80, 63-70.	3.6	10
26	Phosphate affects adsorption and desorption of oxytetracycline in the seawater-sediment systems. <i>Environmental Science and Pollution Research</i> , 2018, 25, 28160-28168.	5.3	12
27	Regulation of IL-17 by lncRNA of IRF-2 in the pearl oyster. <i>Fish and Shellfish Immunology</i> , 2018, 81, 108-112.	3.6	20
28	Study of the wind drag coefficient during the storm Xaver in the German Bight using data assimilation. <i>Dynamics of Atmospheres and Oceans</i> , 2018, 83, 64-74.	1.8	12
29	Source apportionment of sediment organic material in a semi-enclosed sea using Bayesian isotopic mixing model. <i>Marine Pollution Bulletin</i> , 2017, 119, 365-371.	5.0	13
30	Factors influencing adsorption and desorption of trimethoprim on marine sediments: mechanisms and kinetics. <i>Environmental Science and Pollution Research</i> , 2017, 24, 21929-21937.	5.3	28
31	Molecular identification of an insulin growth factor binding protein (IGFBP) and its potential role in an insulin-like peptide system of the pearl oyster, <i>Pinctada fucata</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2017, 214, 27-35.	1.6	15
32	Transport of microplastics in coastal seas. <i>Estuarine, Coastal and Shelf Science</i> , 2017, 199, 74-86.	2.1	457
33	A PDGF/VEGF homologue provides new insights into the nucleus grafting operation and immune response in the pearl oyster <i>Pinctada fucata</i> . <i>Gene</i> , 2017, 637, 1-8.	2.2	7
34	Effect of ocean acidification on growth, calcification, and gene expression in the pearl oyster, <i>Pinctada fucata</i> . <i>Marine Environmental Research</i> , 2017, 130, 174-180.	2.5	21
35	Characterization of the distal-less homologue gene, <i>PfDlx</i> , involved in regulating the expression of <i>Pif</i> in the pearl oyster, <i>Pinctada fucata</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2017, 212, 51-58.	1.6	8
36	Sources, speciation and transformation of arsenic in the gold mining impacted Jiehe River, China. <i>Applied Geochemistry</i> , 2017, 84, 254-261.	3.0	23

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37	Kinetic modeling of antimony(III) oxidation and sorption in soils. <i>Journal of Hazardous Materials</i> , 2016, 316, 102-109.	12.4	33
38	Arsenic speciation and kinetic release simulation of stream sediment contaminated by gold mining. <i>Journal of Soils and Sediments</i> , 2016, 16, 1121-1129.	3.0	7
39	Adsorption-desorption of oxytetracycline on marine sediments: Kinetics and influencing factors. <i>Chemosphere</i> , 2016, 164, 156-163.	8.2	57
40	Sources identification of antibiotic pollution combining land use information and multivariate statistics. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 430.	2.7	23
41	An overview of ecohydrology of the Yellow River delta wetland. <i>Ecohydrology and Hydrobiology</i> , 2016, 16, 39-44.	2.3	33
42	Comparative and Evolutionary Analysis of the Interleukin 17 Gene Family in Invertebrates. <i>PLoS ONE</i> , 2015, 10, e0132802.	2.5	31
43	DNA methylation is associated with expression level changes of galectin gene in mantle wound healing process of pearl oyster, <i>Pinctada fucata</i> . <i>Fish and Shellfish Immunology</i> , 2015, 45, 912-918.	3.6	20
44	Kinetic modeling of pH-dependent antimony (V) sorption and transport in iron oxide-coated sand. <i>Chemosphere</i> , 2015, 138, 758-764.	8.2	27
45	Nuclear factor of activated T cells (NFAT) in pearl oyster <i>Pinctada fucata</i> : Molecular cloning and functional characterization. <i>Fish and Shellfish Immunology</i> , 2015, 42, 108-113.	3.6	13
46	Spatial Distribution of As, Cr, Pb, Cd, Cu, and Zn in the Water and Sediment of a River Impacted by Gold Mining. <i>Mine Water and the Environment</i> , 2014, 33, 206-216.	2.0	18
47	Kinetic modeling of antimony(V) adsorption-desorption and transport in soils. <i>Chemosphere</i> , 2014, 111, 434-440.	8.2	31
48	Second-order modeling of arsenite transport in soils. <i>Journal of Contaminant Hydrology</i> , 2011, 126, 121-129.	3.3	17