Zhengfei Wang

List of Publications by Year
in descending order

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48	821	567144 15	580701 25
papers	citations	h-index	g-index

50	50	50	881
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Baiji genomes reveal low genetic variability and new insights into secondary aquatic adaptations. Nature Communications, 2013, 4, 2708.	5.8	93
2	Evolutionary Genetics of Hypoxia Tolerance in Cetaceans during Diving. Genome Biology and Evolution, 2016, 8, 827-839.	1.1	64
3	Characterization of hairless (Hr) and FGF5genes provides insights into the molecular basis of hair loss in cetaceans. BMC Evolutionary Biology, 2013, 13, 34.	3.2	51
4	Complete mitochondrial genome of Parasesarma affine (Brachyura: Sesarmidae): Gene rearrangements in Sesarmidae and phylogenetic analysis of the Brachyura. International Journal of Biological Macromolecules, 2018, 118, 31-40.	3.6	51
5	Chromosome-level genome assembly reveals the unique genome evolution of the swimming crab (Portunus trituberculatus). GigaScience, 2020, 9, .	3.3	44
6	Evolution of Digestive Enzymes and RNASE1 Provides Insights into Dietary Switch of Cetaceans. Molecular Biology and Evolution, 2016, 33, 3144-3157.	3.5	40
7	â€˜Obesityâ€™ is healthy for cetaceans? Evidence from pervasive positive selection in genes related to triacylglycerol metabolism. Scientific Reports, 2015, 5, 14187.	1.6	38
8	Comparative transcriptome analysis of the gills of Procambarus clarkii provides novel insights into the immune-related mechanism of copper stress tolerance. Fish and Shellfish Immunology, 2020, 96, 32-40.	1.6	33
9	High-Quality Genome Assembly of Eriocheir japonica sinensis Reveals Its Unique Genome Evolution. Frontiers in Genetics, 2019, 10, 1340.	1.1	32
10	De novo transcriptome sequencing and analysis of male and female swimming crab (Portunus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	2.7	31
11	Characterization of the complete mitochondrial genome of Uca lacteus and comparison with other Brachyuran crabs. Genomics, 2020, 112, 10-19.	1.3	30
12	The complete mitochondrial genome of Parasesarma pictum (Brachyura: Grapsoidea: Sesarmidae) and comparison with other Brachyuran crabs. Genomics, 2019, 111, 799-807.	1.3	24
13	Comparative mitochondrial genomic analysis of Macrophthalmus pacificus and insights into the phylogeny of the Ocypodoidea & Grapsoidea. Genomics, 2020, 112, 82-91.	1.3	24
14	Insights into the evolution of Brachyura (Crustacea: Decapoda) from mitochondrial sequences and gene order rearrangements. International Journal of Biological Macromolecules, 2021, 170, 717-727.	3.6	22
15	Evolution of mitochondrial energy metabolism genes associated with hydrothermal vent adaption of Alvinocaridid shrimps. Genes and Genomics, 2017, 39, 1367-1376.	0.5	21
16	Transcriptome Analysis of Hepatopancreas from the Cr (VI)-Stimulated Mantis Shrimp (<i>Oratosquilla) Tj ETQq0 0 0 rgBT /Overlock 10 Journal of Agricultural and Food Chemistry, 2018, 66, 2598-2606.	2.4	17
17	A ferritin gene from Procambarus clarkii , molecular characterization and in response to heavy metal stress and lipopolysaccharide challenge. Fish and Shellfish Immunology, 2017, 63, 297-303.	1.6	15
18	Adaptive evolution of osmoregulatory-related genes provides insight into salinity adaptation in Chinese mitten crab, Eriocheir sinensis. Genetica, 2018, 146, 303-311.	0.5	14

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19	Evolution of digestive enzyme genes associated with dietary diversity of crabs. Genetica, 2020, 148, 87-99.	0.5	14
20	Chromosomeâ€level genome assembly of Paralithodes platypus provides insights into evolution and adaptation of king crabs. Molecular Ecology Resources, 2021, 21, 511-525.	2.2	14
21	Adaptively differential expression analysis in gill of Chinese mitten crabs (Eriocheir japonica sinensis) associated with salinity changes. International Journal of Biological Macromolecules, 2018, 120, 2242-2246.	3.6	12
22	Comparative transcriptome analysis in the hepatopancreas of Helice tientsinensis exposed to the toxic metal cadmium. Genes and Genomics, 2019, 41, 417-429.	0.5	12
23	A novel modulation of physiological regulation in cultured Chinese mitten crab (Eriocheir japonica) Tj ETQq1 1 0.784314 rgBT /Overlock	1.0	11
24	Comparative transcriptome analysis of the gills of Procambarus clarkii provide novel insights into the response mechanism of ammonia stress tolerance. Molecular Biology Reports, 2021, 48, 2611-2618.	1.0	10
25	Comparative transcriptome analysis of Eriocheir japonica sinensis response to environmental salinity. PLoS ONE, 2018, 13, e0203280.	1.1	9
26	Characterization and comparison of the mitochondrial genomes from two Alpheidae species and insights into the phylogeny of Caridea. Genomics, 2020, 112, 65-70.	1.3	9
27	Mitochondrial OXPHOS genes provides insights into genetics basis of hypoxia adaptation in anchialine cave shrimps. Genes and Genomics, 2018, 40, 1169-1180.	0.5	8
28	Toxic effects of metal copper stress on immunity, metabolism and pathologic changes in Chinese mitten crab (Eriocheir japonica sinensis). Ecotoxicology, 2021, 30, 632-642.	1.1	8
29	Comparative transcriptome analysis of the gills of Cardisoma armatum provides novel insights into the terrestrial adaptive related mechanism of air exposure stress. Genomics, 2021, 113, 1193-1202.	1.3	8
30	The effects of ammonia exposure on immune response, oxidative stress, and apoptosis in Procambarus clarkii. Aquaculture International, 2022, 30, 533-546.	1.1	8
31	Transcriptome Analysis Reveals the Tolerance Mechanism of Mantis Shrimp (Oratosquilla) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.6	7
32	The effects of ammonia stress exposure on protein degradation, immune response, degradation of nitrogen-containing compounds and energy metabolism of Chinese mitten crab. Molecular Biology Reports, 2022, 49, 6053-6061.	1.0	6
33	Sequencing and analysis of the complete mitochondrial genome of Coenobita brevimanus. Mitochondrial DNA Part B: Resources, 2019, 4, 2645-2646.	0.2	5
34	Comparative transcriptome analysis reveals the expression and characterization of digestive enzyme genes in the hepatopancreas of the Chinese mitten crab. Fisheries Science, 2019, 85, 979-989.	0.7	5
35	The Entire Mitochondrial Genome of Macrophthalmus abbreviatus Reveals Insights into the Phylogeny and Gene Rearrangements of Brachyura. Biochemical Genetics, 2021, 59, 617-636.	0.8	5
36	Evolutionary changes of Hox genes and relevant regulatory factors provide novel insights into mammalian morphological modifications. Integrative Zoology, 2018, 13, 21-35.	1.3	4

#	Article	IF	Citations
37	Complete mitochondrial genome and phylogenetic analysis of Uca Borealis. Mitochondrial DNA Part B: Resources, 2019, 4, 89-90.	0.2	4
38	Transcriptome analysis of the gills of Eriocheir sinensis provide novel insights into the molecular mechanisms of the pH stress response. Gene, 2022, 833, 146588.	1.0	4
39	Comparative Transcriptome Analysis of the Gills from the Chinese Mitten Crab (Eriocheir japonica) Tj ETQq1 1 0.784314 rgBT /Overlock 20, .	0.4	3
40	The complete mitochondrial genomes of Tarsiger cyanurus and Phoenicurus auroreus: a phylogenetic analysis of Passeriformes. Genes and Genomics, 2018, 40, 151-165.	0.5	2
41	Identification of Genes Involved in Digestion from Transcriptome of Parasesarma pictum and Parasesarma affine Hepatopancreas. Thalassas, 2022, 38, 93-101.	0.1	2
42	Next-generation sequencing yields the complete mitogenome of Caridina multidentata and phylogenetic analysis. Mitochondrial DNA Part B: Resources, 2018, 3, 68-70.	0.2	1
43	The complete mitogenome of Metopograpsus quadridentatus and phylogenetic analysis. Mitochondrial DNA Part B: Resources, 2018, 3, 1169-1171.	0.2	1
44	Transcriptome Analysis Reveals Potential Genes Involved in Digestive Enzyme Function in a Mudflat Crab Helice tientsinensis. Thalassas, 2020, 36, 573-583.	0.1	1
45	Identification of putative ingestion-related olfactory receptor genes in the Chinese mitten crab (Eriocheir japonica sinensis). Genes and Genomics, 2021, 43, 479-490.	0.5	1
46	Genetic Basis of Hydrothermal Vent Adaptation in Bythograeidae Crabs: Insights from Adaptive Evolution of Mitochondrial Protein Coding Genes. Pakistan Journal of Zoology, 2019, 51, .	0.1	1
47	New Insight on Vitality Differences for the Penaeid Shrimp, Fenneropenaeus chinensis, in Low Salinity Environment Through Transcriptomics. Frontiers in Ecology and Evolution, 2022, 10, .	1.1	1
48	Transcriptome Reveals the Mechanism of Immunity in the Low Salinity Stress of the Chinese Shrimp (Fenneropenaeus chinensis). Thalassas, 0, , .	0.1	0