

Zhaoxia Cui

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

459
citations

758635

12
h-index

713013

21
g-index

27
all docs

27
docs citations

27
times ranked

505
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptome Changes in <i>Eriocheir sinensis</i> Megalopae after Desalination Provide Insights into Osmoregulation and Stress Adaptation in Larvae. <i>PLoS ONE</i> , 2014, 9, e114187.	1.1	51
2	Three isoforms of anti-lipopopolysaccharide factor identified from eyestalk cDNA library of swimming crab <i>Portunus trituberculatus</i> . <i>Fish and Shellfish Immunology</i> , 2011, 30, 583-591.	1.6	48
3	Comparative Transcriptome Analysis Reveals Sex-Biased Gene Expression in Juvenile Chinese Mitten Crab <i>Eriocheir sinensis</i> . <i>PLoS ONE</i> , 2015, 10, e0133068.	1.1	42
4	Multiple isoforms of immune-related genes from hemocytes and eyestalk cDNA libraries of swimming crab <i>Portunus trituberculatus</i> . <i>Fish and Shellfish Immunology</i> , 2011, 31, 29-42.	1.6	35
5	Exploring the molecular basis of adaptive evolution in hydrothermal vent crab <i>Austinograea alayseae</i> by transcriptome analysis. <i>PLoS ONE</i> , 2017, 12, e0178417.	1.1	28
6	Transcriptome Profiling Analysis on Whole Bodies of Microbial Challenged <i>Eriocheir sinensis</i> Larvae for Immune Gene Identification and SNP Development. <i>PLoS ONE</i> , 2013, 8, e82156.	1.1	27
7	Comparative transcriptomic analysis provides insights into the molecular basis of the metamorphosis and nutrition metabolism change from zoeae to megalopae in <i>Eriocheir sinensis</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2015, 13, 1-9.	0.4	27
8	Molecular characterization and expression profile of three Fem-1 genes in <i>Eriocheir sinensis</i> provide a new insight into crab sex-determining mechanism. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2015, 189, 6-14.	0.7	26
9	Diversity and characterization of bacteria associated with the deep-sea hydrothermal vent crab <i>Austinograea</i> sp. comparing with those of two shallow-water crabs by 16S ribosomal DNA analysis. <i>PLoS ONE</i> , 2017, 12, e0187842.	1.1	22
10	The complete mitochondrial genomes of <i>Umاليا orientalis</i> and <i>Lyreidus brevifrons</i> : The phylogenetic position of the family Raninidae within Brachyuran crabs. <i>Marine Genomics</i> , 2015, 21, 53-61.	0.4	20
11	Comparative transcriptomic analysis provides insights into the molecular basis of brachyurization and adaptation to benthic lifestyle in <i>Eriocheir sinensis</i> . <i>Gene</i> , 2015, 558, 88-98.	1.0	19
12	Unusual sequence features and gene rearrangements of primitive crabs revealed by three complete mitochondrial genomes of Dromiacea. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2016, 20, 65-73.	0.4	14
13	Two spliced isoforms of the sex-determination gene fruitless in the Chinese mitten crab <i>Eriocheir sinensis</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2017, 208-209, 75-83.	0.7	11
14	PtPLC, a pacifastin-related inhibitor involved in antibacterial defense and prophenoloxidase cascade of the swimming crab <i>Portunus trituberculatus</i> . <i>Fish and Shellfish Immunology</i> , 2015, 43, 36-42.	1.6	10
15	Molecular characterization and expression profiles of four transformer-2 isoforms in the Chinese mitten crab <i>Eriocheir sinensis</i> . <i>Chinese Journal of Oceanology and Limnology</i> , 2017, 35, 782-791.	0.7	10
16	Flow cytometric analysis of DNA content for four commercially important crabs in China. <i>Acta Oceanologica Sinica</i> , 2016, 35, 7-11.	0.4	9
17	A chymotrypsin-like serine protease from <i>Portunus trituberculatus</i> involved in pathogen recognition and AMP synthesis but not required for prophenoloxidase activation. <i>Fish and Shellfish Immunology</i> , 2017, 66, 307-316.	1.6	9
18	Primary molecular basis of androgenic gland endocrine sex regulation revealed by transcriptome analysis in <i>Eriocheir sinensis</i> . <i>Journal of Oceanology and Limnology</i> , 2019, 37, 223-234.	0.6	9

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19	Characterization and functional analysis of a novel gC1qR in the swimming crab <i>Portunus trituberculatus</i> . <i>Fish and Shellfish Immunology</i> , 2019, 84, 970-978.	1.6	9
20	Identification of genomic regions and candidate genes associated with growth of <i>Eriocheir sinensis</i> by QTL mapping and marker annotation. <i>Aquaculture Research</i> , 2017, 48, 246-258.	0.9	7
21	PtSerpin from the swimming crab <i>Portunus trituberculatus</i> , a putative regulator of prophenoloxidase activation with antibacterial activity. <i>Fish and Shellfish Immunology</i> , 2014, 39, 365-371.	1.6	6
22	First complete mitochondrial genome of primitive crab <i>Homologenus malayensis</i> (Decapoda: Brachyura): Tj ETQq0 0,0 r gBT /Oyerlock 10	0.6	0
23	Transcriptome profiles of embryos before and after cleavage in <i>Eriocheir sinensis</i> : identification of developmental genes at the earliest stages. <i>Chinese Journal of Oceanology and Limnology</i> , 2017, 35, 770-781.	0.7	6
24	Complete mitochondrial genome of the furry lobster <i>Palinurellus wieneckii</i> (De Man, 1881) (Decapoda, Achelata, Palinuridae). <i>Mitochondrial DNA</i> , 2014, 25, 295-297.	0.6	3
25	Comparative transcriptome analysis explores maternal to zygotic transition during <i>Eriocheir sinensis</i> early embryogenesis. <i>Gene</i> , 2019, 685, 12-20.	1.0	3
26	Polymorphism of crustins in the swimming crab (<i>Portunus trituberculatus</i>) and its association with <i>Vibrio alginolyticus</i> . <i>Aquaculture Research</i> , 2015, 46, 1261-1268.	0.9	2
27	Polymorphisms of clip domain serine proteinase and serine proteinase homolog in the swimming crab <i>Portunus trituberculatus</i> and their association with <i>Vibrio alginolyticus</i> . <i>Chinese Journal of Oceanology and Limnology</i> , 2017, 35, 235-243.	0.7	0