

Xuan Luo

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

386
citations

759233

12
h-index

888059

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18
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18
docs citations

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times ranked

175
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental hybridization and genetic identification of Pacific abalone <i>Haliotis discus hannai</i> and green abalone <i>H. fulgens</i> . <i>Aquaculture</i> , 2015, 448, 243-249.	3.5	78
2	Growth and survival of three small abalone <i>Haliotis diversicolor</i> populations and their reciprocal crosses. <i>Aquaculture Research</i> , 2009, 40, 1474-1480.	1.8	49
3	Assessment of the thermal tolerance of abalone based on cardiac performance in <i>Haliotis discus hannai</i> , <i>H. gigantea</i> and their interspecific hybrid. <i>Aquaculture</i> , 2016, 465, 258-264.	3.5	48
4	Different Transcriptomic Responses to Thermal Stress in Heat-Tolerant and Heat-Sensitive Pacific Abalones Indicated by Cardiac Performance. <i>Frontiers in Physiology</i> , 2018, 9, 1895.	2.8	27
5	Transcriptome analysis reveals the molecular mechanisms of heterosis on thermal resistance in hybrid abalone. <i>BMC Genomics</i> , 2021, 22, 650.	2.8	24
6	Divergent selection for shell length in two stocks of small abalone <i>Haliotis diversicolor</i> . <i>Aquaculture Research</i> , 2010, 41, 921-929.	1.8	21
7	The survival and respiration response of two abalones under short-term hypoxia challenges. <i>Aquaculture</i> , 2020, 529, 735658.	3.5	21
8	Molecular identification of interspecific hybrids between <i>Haliotis discus hannai</i> and <i>Haliotis gigantea</i> Gmelin using amplified fragment-length polymorphism and microsatellite markers. <i>Aquaculture Research</i> , 2010, 41, 1827-1834.	1.8	20
9	Circadian movement behaviours and metabolism differences of the Pacific abalone <i>Haliotis discus hannai</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 211, 111994.	3.8	19
10	Genomic selection applications can improve the environmental performance of aquatics: A case study on the heat tolerance of abalone. <i>Evolutionary Applications</i> , 2022, 15, 992-1001.	3.1	17
11	Distinct metabolic shifts occur during the transition between normoxia and hypoxia in the hybrid and its maternal abalone. <i>Science of the Total Environment</i> , 2021, 794, 148698.	8.0	15
12	Comparative immune response during the juvenile and adult stages of two abalones under <i>Vibrio harveyi</i> challenge. <i>Fish and Shellfish Immunology</i> , 2020, 98, 109-111.	3.6	13
13	Factors Affecting the Fertilization Success in Laboratory Hybridization between <i>Haliotis discus hannai</i> and <i>Haliotis gigantea</i> . <i>Journal of Shellfish Research</i> , 2010, 29, 621-625.	0.9	11
14	Sublethal low salinity impact on survival, growth and meat quality of the Pacific abalone (<i>Haliotis discus hannai</i>). <i>Aquaculture Research</i> , 2010, 41, 1827-1834.	1.8	11
15	Study of hybrid and backcross abalone populations uncovers trait separation and their thermal resistance capacity. <i>Aquaculture Research</i> , 2022, 53, 2619-2628.	1.8	6
16	Genetic Variation Analysis in Wild and Cultured Subpopulations of Small Abalone <i>Haliotis diversicolor</i> Estimated by Microsatellite Markers. <i>North American Journal of Aquaculture</i> , 2011, 73, 445-450.	1.4	4
17	Effect of stocking density on the growth and settlement of <i>Haliotis discus hannai</i> larvae in a recirculating aquaculture system. <i>Aquaculture Research</i> , 2022, 53, 1468-1480.	1.8	2
18	Estimation of genetic parameters for growth relevant traits in adult Pacific abalone (<i>Haliotis discus hannai</i>). <i>Aquaculture Research</i> , 2010, 41, 921-929.	1.8	0