

Kirti Ramesh

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

353
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933447

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1125743

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docs citations

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times ranked

415
citing authors

#	ARTICLE	IF	CITATIONS
1	Mussel larvae modify calcifying fluid carbonate chemistry to promote calcification. <i>Nature Communications</i> , 2017, 8, 1709.	12.8	78
2	Deciphering mollusc shell production: the roles of genetic mechanisms through to ecology, aquaculture and biomimetics. <i>Biological Reviews</i> , 2020, 95, 1812-1837.	10.4	63
3	A shell regeneration assay to identify biomineralization candidate genes in mytilid mussels. <i>Marine Genomics</i> , 2016, 27, 57-67.	1.1	46
4	Expression of calcification-related ion transporters during blue mussel larval development. <i>Ecology and Evolution</i> , 2019, 9, 7157-7172.	1.9	37
5	Calcification in a marginal sea – influence of seawater [Ca ²⁺] and carbonate chemistry on bivalve shell formation. <i>Biogeosciences</i> , 2018, 15, 1469-1482.	3.3	24
6	<i>In vivo</i> characterization of bivalve larval shells: a confocal Raman microscopy study. <i>Journal of the Royal Society Interface</i> , 2018, 15, 20170723.	3.4	22
7	Animal size and sea water temperature, but not pH, influence a repeatable startle response behaviour in a wide-ranging marine mollusc. <i>Animal Behaviour</i> , 2021, 173, 191-205.	1.9	18
8	Proteomic investigation of the blue mussel larval shell organic matrix. <i>Journal of Structural Biology</i> , 2019, 208, 107385.	2.8	16
9	Transcriptomic analysis of shell repair and biomineralization in the blue mussel, <i>Mytilus edulis</i> . <i>BMC Genomics</i> , 2021, 22, 437.	2.8	14
10	Enzymatic antioxidant defences are transcriptionally regulated in Es524, a copper-tolerant strain of <i>Ectocarpus siliculosus</i> (Ectocarpales, Phaeophyceae). <i>Phycologia</i> , 2015, 54, 425-429.	1.4	12
11	Intracellular pH regulation in mantle epithelial cells of the Pacific oyster, <i>Crassostrea gigas</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2020, 190, 691-700.	1.5	12
12	Roll, right, repeat: short-term repeatability in the self-righting behaviour of a cold-water sea cucumber. <i>Journal of the Marine Biological Association of the United Kingdom</i> , 2020, 100, 115-120.	0.8	8
13	Accumulation of silver by <i>Fucus</i> spp. (Phaeophyceae) and its toxicity to <i>Fucus ceranoides</i> under different salinity regimes. <i>Ecotoxicology</i> , 2015, 24, 1250-1258.	2.4	3