

Hiroyuki Kintsu

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

68
citations

1684188

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h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

60
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal defects induced by chitin and chitinolytic enzymes in the prismatic layer of <i>Pinctada fucata</i> . <i>Biochemical and Biophysical Research Communications</i> , 2017, 489, 89-95.	2.1	30
2	Atom Probe Tomography (APT) Characterization of Organics Occluded in Single Calcite Crystals: Implications for Biomineralization Studies. <i>Journal of Carbon Research</i> , 2019, 5, 50.	2.7	8
3	Identification of methionine -rich insoluble proteins in the shell of the pearl oyster, <i>Pinctada fucata</i> . <i>Scientific Reports</i> , 2020, 10, 18335.	3.3	8
4	Structural and functional analyses of calcium ion response factors in the mantle of <i>Pinctada fucata</i> . <i>Journal of Structural Biology</i> , 2018, 204, 240-249.	2.8	7
5	Functional analyses of chitinolytic enzymes in the formation of calcite prisms in <i>Pinctada fucata</i> . <i>Micron</i> , 2021, 145, 103063.	2.2	6
6	Evolution of Biomineralization Genes in the Prismatic Layer of the Pen Shell <i>Atrina pectinata</i> . <i>Journal of Molecular Evolution</i> , 2020, 88, 742-758.	1.8	5
7	Functional Analyses of MMPs for Aragonite Crystal Formation in the Ligament of <i>Pinctada fucata</i> . <i>Frontiers in Marine Science</i> , 2018, 5, .	2.5	4
8	Chitin Degraded by Chitinolytic Enzymes Induces Crystal Defects of Calcites. , 2018, , 375-381.		0