

Frédéric Verret

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

2,991
citations

933447

10
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

4287
citing authors

#	ARTICLE	IF	CITATIONS
1	The Phaeodactylum genome reveals the evolutionary history of diatom genomes. <i>Nature</i> , 2008, 456, 239-244.	27.8	1,458
2	Overexpression of AtHMA4 enhances root-to-shoot translocation of zinc and cadmium and plant metal tolerance. <i>FEBS Letters</i> , 2004, 576, 306-312.	2.8	477
3	Pan genome of the phytoplankton <i>Emiliana</i> underpins its global distribution. <i>Nature</i> , 2013, 499, 209-213.	27.8	448
4	AtHMA3, a plant P1B -ATPase, functions as a Cd/Pb transporter in yeast. <i>FEBS Letters</i> , 2004, 561, 22-28.	2.8	162
5	Calcium channels in photosynthetic eukaryotes: implications for evolution of calcium-based signalling. <i>New Phytologist</i> , 2010, 187, 23-43.	7.3	153
6	Heavy metal transport by AtHMA4 involves the N-terminal degenerated metal binding domain and the C-terminal His11 stretch. <i>FEBS Letters</i> , 2005, 579, 1515-1522.	2.8	106
7	Metatranscriptomes reveal functional variation in diatom communities from the Antarctic Peninsula. <i>ISME Journal</i> , 2015, 9, 2275-2289.	9.8	55
8	Alternative Mechanisms for Fast Na ⁺ /Ca ²⁺ Signaling in Eukaryotes via a Novel Class of Single-Domain Voltage-Gated Channels. <i>Current Biology</i> , 2019, 29, 1503-1511.e6.	3.9	46
9	RNA silencing movement in plants. <i>Journal of Integrative Plant Biology</i> , 2016, 58, 328-342.	8.5	43
10	Isoprenoid biosynthesis in the diatom <i>Haslea ostrearia</i> . <i>New Phytologist</i> , 2019, 222, 230-243.	7.3	16
11	Transfection of BmCPV genomic dsRNA in silkworm-derived Bm5 cells: Stability and interactions with the core RNAi machinery. <i>Journal of Insect Physiology</i> , 2014, 64, 21-29.	2.0	11
12	Schrödinger's Cheshire Cat: Are Haploid <i>Emiliana huxleyi</i> Cells Resistant to Viral Infection or Not?. <i>Viruses</i> , 2017, 9, 51.	3.3	10
13	What Was Old Is New Again: The Pennate Diatom <i>Haslea ostrearia</i> (Gaillon) Simonsen in the Multi-Omic Age. <i>Marine Drugs</i> , 2022, 20, 234.	4.6	5
14	Two new bacilladnaviruses associated with the diatom <i>Haslea ostrearia</i> . <i>European Journal of Phycology</i> , 2020, 55, 444-453.	2.0	1