

Bruno Saint-Jean

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

870
citations

516215

16
h-index

794141

19
g-index

21
all docs

21
docs citations

21
times ranked

1655
citing authors

#	ARTICLE	IF	CITATIONS
1	The use of fluorescent Nile red and BODIPY for lipid measurement in microalgae. <i>Biotechnology for Biofuels</i> , 2015, 8, 42.	6.2	280
2	N-Glycans of <i>Phaeodactylum tricornutum</i> Diatom and Functional Characterization of Its N-Acetylglucosaminyltransferase I Enzyme. <i>Journal of Biological Chemistry</i> , 2011, 286, 6152-6164.	1.6	67
3	Effects of blue light on the biochemical composition and photosynthetic activity of <i>Isochrysis</i> sp. (T-iso). <i>Journal of Applied Phycology</i> , 2013, 25, 109-119.	1.5	58
4	Microalgae, Functional Genomics and Biotechnology. <i>Advances in Botanical Research</i> , 2012, 64, 285-341.	0.5	57
5	Comparative Transcriptome of Wild Type and Selected Strains of the Microalgae <i>Tisochrysis lutea</i> Provides Insights into the Genetic Basis, Lipid Metabolism and the Life Cycle. <i>PLoS ONE</i> , 2014, 9, e86889.	1.1	52
6	Transcription factors in microalgae: genome-wide prediction and comparative analysis. <i>BMC Genomics</i> , 2016, 17, 282.	1.2	52
7	A transposable element annotation pipeline and expression analysis reveal potentially active elements in the microalga <i>Tisochrysis lutea</i> . <i>BMC Genomics</i> , 2018, 19, 378.	1.2	45
8	The Cytosolic Tail Dipeptide Ile-Met of the Pea Receptor BP80 Is Required for Recycling from the Prevacuole and for Endocytosis. <i>Plant Cell</i> , 2010, 22, 2825-2837.	3.1	41
9	Betaine lipid and neutral lipid production under nitrogen or phosphorus limitation in the marine microalga <i>Tisochrysis lutea</i> (Haptophyta). <i>Algal Research</i> , 2019, 40, 101506.	2.4	40
10	The elongation factor 1A: A novel regulator in the DNA replication/repair protein network in wheat cells?. <i>Plant Physiology and Biochemistry</i> , 2007, 45, 113-118.	2.8	28
11	Use of a lipid rich strain reveals mechanisms of nitrogen limitation and carbon partitioning in the haptophyte <i>Tisochrysis lutea</i> . <i>Algal Research</i> , 2016, 20, 229-248.	2.4	25
12	<i>Haslea ostrearia</i> -like Diatoms. <i>Advances in Botanical Research</i> , 2014, 71, 441-465.	0.5	23
13	Effects of Nitrogen Limitation on <i>Dunaliella</i> sp. and <i>Alteromonas</i> sp. Interactions: From Mutualistic to Competitive Relationships. <i>Frontiers in Marine Science</i> , 2016, 3, .	1.2	19
14	Proteomic Analysis of the Chlorophyta <i>Dunaliella</i> New Strain AL-1 Revealed Global Changes of Metabolism during High Carotenoid Production. <i>Marine Drugs</i> , 2017, 15, 293.	2.2	19
15	Identification of transcription factors involved in the phenotype of a domesticated oleaginous microalgae strain of <i>Tisochrysis lutea</i> . <i>Algal Research</i> , 2018, 30, 59-72.	2.4	19
16	High-affinity nitrate/nitrite transporter genes (<i>Nrt2</i>) in <i>Tisochrysis lutea</i> : identification and expression analyses reveal some interesting specificities of Haptophyta microalgae. <i>Physiologia Plantarum</i> , 2015, 154, 572-590.	2.6	18
17	Expression of a glycosylated GFP as a bivalent reporter in exocytosis. <i>Plant Cell Reports</i> , 2010, 29, 79-86.	2.8	14
18	The Fucoxanthin Chlorophyll a/c-Binding Protein in <i>Tisochrysis lutea</i> : Influence of Nitrogen and Light on Fucoxanthin and Chlorophyll a/c-Binding Protein Gene Expression and Fucoxanthin Synthesis. <i>Frontiers in Plant Science</i> , 2022, 13, 830069.	1.7	8

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19	Two distinct proliferating cell nuclear antigens are present in the wheat cell. <i>Plant Physiology and Biochemistry</i> , 2002, 40, 743-748.	2.8	4
20	Dynamical Darwinian selection of a more productive strain of <i>Tisochrysis lutea</i> . <i>Algal Research</i> , 2022, 65, 102743.	2.4	0