Bruno Saint-Jean

List of Publications by Year
in descending order

20	870	516710 16	794594 19
papers	citations	h-index	g-index

21	21	21	1655
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Fucoxanthin Chlorophyll a/c-Binding Protein in Tisochrysis lutea: Influence of Nitrogen and Light on Fucoxanthin and Chlorophyll a/c-Binding Protein Gene Expression and Fucoxanthin Synthesis. Frontiers in Plant Science, 2022, 13, 830069.	3.6	8
2	Dynamical Darwinian selection of a more productive strain of Tisochrysis lutea. Algal Research, 2022, 65, 102743.	4.6	0
3	Betaine lipid and neutral lipid production under nitrogen or phosphorus limitation in the marine microalga Tisochrysis lutea (Haptophyta). Algal Research, 2019, 40, 101506.	4.6	40
4	Identification of transcription factors involved in the phenotype of a domesticated oleaginous microalgae strain of Tisochrysis lutea. Algal Research, 2018, 30, 59-72.	4.6	19
5	A transposable element annotation pipeline and expression analysis reveal potentially active elements in the microalga Tisochrysis lutea. BMC Genomics, 2018, 19, 378.	2.8	45
6	Proteomic Analysis of the Chlorophyta Dunaliella New Strain AL-1 Revealed Global Changes of Metabolism during High Carotenoid Production. Marine Drugs, 2017, 15, 293.	4.6	19
7	Effects of Nitrogen Limitation on Dunaliella sp.â€“Alteromonas sp. Interactions: From Mutualistic to Competitive Relationships. Frontiers in Marine Science, 2016, 3, .	2.5	19
8	Use of a lipid rich strain reveals mechanisms of nitrogen limitation and carbon partitioning in the haptophyte Tisochrysis lutea. Algal Research, 2016, 20, 229-248.	4.6	25
9	Transcription factors in microalgae: genome-wide prediction and comparative analysis. BMC Genomics, 2016, 17, 282.	2.8	52
10	Highâ€affinity nitrate/nitrite transporter genes (Nrt2) in Tisochrysis lutea: identification and expression analyses reveal some interesting specificities of Haptophyta microalgae. Physiologia Plantarum, 2015, 154, 572-590.	5.2	18
11	The use of fluorescent Nile red and BODIPY for lipid measurement in microalgae. Biotechnology for Biofuels, 2015, 8, 42.	6.2	280
12	Comparative Transcriptome of Wild Type and Selected Strains of the Microalgae Tisochrysis lutea Provides Insights into the Genetic Basis, Lipid Metabolism and the Life Cycle. PLoS ONE, 2014, 9, e86889.	2.5	52
13	Haslea ostrearia-like Diatoms. Advances in Botanical Research, 2014, 71, 441-465.	1.1	23
14	Effects of blue light on the biochemical composition and photosynthetic activity of Isochrysis sp. (T-iso). Journal of Applied Phycology, 2013, 25, 109-119.	2.8	58
15	Microalgae, Functional Genomics and Biotechnology. Advances in Botanical Research, 2012, 64, 285-341.	1.1	57
16	N-Glycans of Phaeodactylum tricornutum Diatom and Functional Characterization of Its N-Acetylglucosaminyltransferase I Enzyme. Journal of Biological Chemistry, 2011, 286, 6152-6164.	3.4	67
17	Expression of a glycosylated GFP as a bivalent reporter in exocytosis. Plant Cell Reports, 2010, 29, 79-86.	5.6	14
18	The Cytosolic Tail Dipeptide Ile-Met of the Pea Receptor BP80 Is Required for Recycling from the Prevacuole and for Endocytosis. Plant Cell, 2010, 22, 2825-2837.	6.6	41

#	Article	IF	Citations
19	The elongation factor 1A: A novel regulator in the DNA replication/repair protein network in wheat cells?. Plant Physiology and Biochemistry, 2007, 45, 113-118.	5.8	28
20	Two distinct proliferating cell nuclear antigens are present in the wheat cell. Plant Physiology and Biochemistry, 2002, 40, 743-748.	5.8	4