

Delphine Scornet

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

2,091
citations

567281

15
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

2182
citing authors

#	ARTICLE	IF	CITATIONS
1	The <i>Ectocarpus</i> genome and the independent evolution of multicellularity in brown algae. <i>Nature</i> , 2010, 465, 617-621.	27.8	774
2	The cell wall polysaccharide metabolism of the brown alga <i>Ectocarpus siliculosus</i> . Insights into the evolution of extracellular matrix polysaccharides in Eukaryotes. <i>New Phytologist</i> , 2010, 188, 82-97.	7.3	381
3	Central and storage carbon metabolism of the brown alga <i>Ectocarpus siliculosus</i> : insights into the origin and evolution of storage carbohydrates in Eukaryotes. <i>New Phytologist</i> , 2010, 188, 67-81.	7.3	172
4	PROPOSAL OF <i>ECTOCARPUS SILICULOSUS</i> (ECTOCARPALES, PHAEOPHYCEAE) AS A MODEL ORGANISM FOR BROWN ALGAL GENETICS AND GENOMICS. <i>Journal of Phycology</i> , 2004, 40, 1079-1088.	2.3	144
5	Global expression analysis of the brown alga <i>Ectocarpus siliculosus</i> (Phaeophyceae) reveals large-scale reprogramming of the transcriptome in response to abiotic stress. <i>Genome Biology</i> , 2009, 10, R66.	9.6	138
6	Life-cycle-generation-specific developmental processes are modified in the immediate upright mutant of the brown alga <i>Ectocarpus siliculosus</i> . <i>Development (Cambridge)</i> , 2008, 135, 1503-1512.	2.5	106
7	<i>Ectocarpus</i> : A Model Organism for the Brown Algae. <i>Cold Spring Harbor Protocols</i> , 2012, 2012, pdb.emo065821.	0.3	62
8	How to Cultivate <i>Ectocarpus</i> : Figure 1.. <i>Cold Spring Harbor Protocols</i> , 2012, 2012, pdb.prot067934.	0.3	51
9	Convergent recruitment of TALE homeodomain life cycle regulators to direct sporophyte development in land plants and brown algae. <i>ELife</i> , 2019, 8, .	6.0	44
10	Genome and metabolic network of <i>Candidatus Phaeomarinobacter ectocarpi</i> , a new candidate genus of Alphaproteobacteria frequently associated with brown algae. <i>Frontiers in Genetics</i> , 2014, 5, 241.	2.3	43
11	Targeted CRISPR-Cas9 based gene knockouts in the model brown alga <i>Ectocarpus</i> . <i>New Phytologist</i> , 2021, 231, 2077-2091.	7.3	41
12	Histone modifications during the life cycle of the brown alga <i>Ectocarpus</i> . <i>Genome Biology</i> , 2021, 22, 12.	8.8	29
13	The <i>Ectocarpus</i> IMMEDIATE UPRIGHT gene encodes a member of a novel family of cysteine-rich proteins that have an unusual distribution across the eukaryotes. <i>Development (Cambridge)</i> , 2017, 144, 409-418.	2.5	27
14	DISTAG/TBCCd1 Is Required for Basal Cell Fate Determination in <i>Ectocarpus</i> . <i>Plant Cell</i> , 2017, 29, 3102-3122.	6.6	22
15	Non-cell autonomous regulation of life cycle transitions in the model brown alga <i>Ectocarpus</i> . <i>New Phytologist</i> , 2013, 197, 503-510.	7.3	21
16	Genetic Crosses between <i>Ectocarpus</i> Strains: Figure 1.. <i>Cold Spring Harbor Protocols</i> , 2012, 2012, pdb.prot067942.	0.3	15
17	Immunostaining of <i>Ectocarpus</i> Cells. <i>Cold Spring Harbor Protocols</i> , 2012, 2012, pdb.prot067975-pdb.prot067975.	0.3	6
18	Unusual Patterns of Mitochondrial Inheritance in the Brown Alga <i>Ectocarpus</i> . <i>Molecular Biology and Evolution</i> , 2019, 36, 2778-2789.	8.9	5

#	ARTICLE	IF	CITATIONS
19	Biochemical characteristics of a diffusible factor that induces gametophyte to sporophyte switching in the brown alga <i>Ectocarpus</i> . <i>Journal of Phycology</i> , 2021, 57, 742-753.	2.3	3
20	An Efficient Chromatin Immunoprecipitation Protocol for the Analysis of Histone Modification Distributions in the Brown Alga <i>Ectocarpus</i> . <i>Methods and Protocols</i> , 2022, 5, 36.	2.0	2
21	Production and Bioassay of a Diffusible Factor That Induces Gametophyte-to-Sporophyte Developmental Reprogramming in the Brown Alga <i>Ectocarpus</i> . <i>Bio-protocol</i> , 2020, 10, e3753.	0.4	1