

Seunghye Park

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3964478/publications.pdf>

Version: 2024-02-01

17
papers

408
citations

840776

11
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

555
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving lipid production by strain development in microalgae: Strategies, challenges and perspectives. <i>Bioresource Technology</i> , 2019, 292, 121953.	9.6	79
2	Dynamic response of the transcriptome of a psychrophilic diatom, <i>Chaetoceros neogracile</i> , to high irradiance. <i>Planta</i> , 2010, 231, 349-360.	3.2	56
3	Up-Regulation of Photoprotection and PSII-Repair Gene Expression by Irradiance in the Unicellular Green Alga <i>Dunaliella salina</i> . <i>Marine Biotechnology</i> , 2006, 8, 120-128.	2.4	39
4	Enhancing lipid productivity by modulating lipid catabolism using the CRISPR-Cas9 system in <i>Chlamydomonas</i> . <i>Journal of Applied Phycology</i> , 2020, 32, 2829-2840.	2.8	35
5	Comparison of the responses of two <i>Dunaliella</i> strains, <i>Dunaliella salina</i> CCAP 19/18 and <i>Dunaliella bardawil</i> to light intensity with special emphasis on carotenogenesis. <i>Algae</i> , 2013, 28, 203-211.	2.3	27
6	Gene expression profiling of <i>Dunaliella</i> sp. acclimated to different salinities. <i>Phycological Research</i> , 2010, 58, 17-28.	1.6	26
7	Introducing <i>Dunaliella</i> LIP promoter containing light-inducible motifs improves transgenic expression in <i>Chlamydomonas reinhardtii</i> . <i>Biotechnology Journal</i> , 2016, 11, 384-392.	3.5	26
8	Expression of the high light-inducible <i>Dunaliella</i> LIP promoter in <i>Chlamydomonas reinhardtii</i> . <i>Planta</i> , 2013, 238, 1147-1156.	3.2	24
9	A highly efficient auxin-producing bacterial strain and its effect on plant growth. <i>Journal of Genetic Engineering and Biotechnology</i> , 2021, 19, 179.	3.3	23
10	Exogenous Gene Integration for Microalgal Cell Transformation Using a Nanowire-Incorporated Microdevice. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 27554-27561.	8.0	19
11	Contrasting photoadaptive strategies of two morphologically distinct <i>Dunaliella</i> species under various salinities. <i>Journal of Applied Phycology</i> , 2015, 27, 1053-1062.	2.8	16
12	LPA2 protein is involved in photosystem II assembly in <i>Chlamydomonas reinhardtii</i> . <i>Plant Journal</i> , 2021, 107, 1648-1662.	5.7	11
13	Comparative transcriptome analysis of short-term responses to salt and glycerol hyperosmotic stress in the green alga <i>Dunaliella salina</i> . <i>Algal Research</i> , 2021, 53, 102147.	4.6	10
14	Rapid generation of transgenic and gene-edited <i>Solanum nigrum</i> plants using <i>Agrobacterium</i> -mediated transformation. <i>Plant Biotechnology Reports</i> , 2020, 14, 497-504.	1.5	8
15	Isolation and Characterization of Beneficial Bacteria from Food Process Wastes. <i>Microorganisms</i> , 2021, 9, 1156.	3.6	8
16	Inhibition of Oxidative Phosphorylation Induces a Rapid Death of GA-Pretreated Aleurone Cells, But Not of ABA-Pretreated Aleurone Cells. <i>Journal of Plant Biology</i> , 2010, 53, 205-213.	2.1	0
17	A Fast and Reliable Screening Method of Organic Materials for Crop Cultivation. <i>International Journal of Applied Sciences and Biotechnology</i> , 2020, 8, 417-421.	0.8	0