

Seungjib Jeon

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

775
citations

840776

11
h-index

1125743

13
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13
all docs

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docs citations

13
times ranked

975
citing authors

#	ARTICLE	IF	CITATIONS
1	CRISPR/Cas9-induced knockout and knock-in mutations in <i>Chlamydomonas reinhardtii</i> . <i>Scientific Reports</i> , 2016, 6, 27810.	3.3	315
2	Effects of overexpression of a bHLH transcription factor on biomass and lipid production in <i>Nannochloropsis salina</i> . <i>Biotechnology for Biofuels</i> , 2015, 8, 200.	6.2	112
3	Current status and perspectives of genome editing technology for microalgae. <i>Biotechnology for Biofuels</i> , 2017, 10, 267.	6.2	102
4	Use of orange peel extract for mixotrophic cultivation of <i>Chlorella vulgaris</i> : Increased production of biomass and FAMES. <i>Bioresource Technology</i> , 2014, 171, 343-349.	9.6	64
5	Heterologous overexpression of sfCherry fluorescent protein in <i>Nannochloropsis salina</i> . <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2015, 8, 10-15.	4.4	28
6	Heterologous synthesis of chlorophyll b in <i>Nannochloropsis salina</i> enhances growth and lipid production by increasing photosynthetic efficiency. <i>Biotechnology for Biofuels</i> , 2019, 12, 122.	6.2	27
7	Enhancement of lipid production in <i>Nannochloropsis salina</i> by overexpression of endogenous NADP-dependent malic enzyme. <i>Algal Research</i> , 2021, 54, 102218.	4.6	27
8	Development of a pVEC peptide-based ribonucleoprotein (RNP) delivery system for genome editing using CRISPR/Cas9 in <i>Chlamydomonas reinhardtii</i> . <i>Scientific Reports</i> , 2020, 10, 22158.	3.3	22
9	Development and characterization of a <i>Nannochloropsis</i> mutant with simultaneously enhanced growth and lipid production. <i>Biotechnology for Biofuels</i> , 2020, 13, 38.	6.2	21
10	Use of conditioned medium for efficient transformation and cost-effective cultivation of <i>Nannochloropsis salina</i> . <i>Bioresource Technology</i> , 2015, 181, 231-237.	9.6	17
11	Optimization of electroporation-based multiple pulses and further improvement of transformation efficiency using bacterial conditioned medium for <i>Nannochloropsis salina</i> . <i>Journal of Applied Phycology</i> , 2019, 31, 1153-1161.	2.8	15
12	Safe-Harboring based novel genetic toolkit for <i>Nannochloropsis salina</i> CCMP1776: Efficient overexpression of transgene via CRISPR/Cas9-Mediated Knock-in at the transcriptional hotspot. <i>Bioresource Technology</i> , 2021, 340, 125676.	9.6	13
13	Advanced multigene expression system for <i>Nannochloropsis salina</i> using 2A self-cleaving peptides. <i>Journal of Biotechnology</i> , 2018, 278, 39-47.	3.8	12