

Melanie Oey

List of Publications by Year in descending order

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12
papers

1,081
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

1447
citing authors

#	ARTICLE	IF	CITATIONS
1	Light and heat-shock mediated TDA1 overexpression as a tool for controlled high-yield recombinant protein production in <i>Chlamydomonas reinhardtii</i> chloroplasts. <i>Algal Research</i> , 2020, 48, 101921.	4.6	11
2	Microalgal Aquafeeds As Part of a Circular Bioeconomy. <i>Trends in Plant Science</i> , 2019, 24, 959-970.	8.8	87
3	Green Bioplastics as Part of a Circular Bioeconomy. <i>Trends in Plant Science</i> , 2019, 24, 237-249.	8.8	294
4	Optimising light conditions increases recombinant protein production in <i>Chlamydomonas reinhardtii</i> chloroplasts. <i>Algal Research</i> , 2018, 32, 329-340.	4.6	25
5	Challenges and opportunities for hydrogen production from microalgae. <i>Plant Biotechnology Journal</i> , 2016, 14, 1487-1499.	8.3	134
6	Triggered exocytosis of the protozoan <i>Tetrahymena</i> as a source of bioflocculation and a controllable dewatering method for efficient harvest of microalgal cultures. <i>Algal Research</i> , 2016, 13, 148-158.	4.6	13
7	Prospects for Photobiological Hydrogen as a Renewable Energy. <i>Current Biotechnology</i> , 2016, 5, 173-191.	0.4	4
8	Genetic Engineering for Microalgae Strain Improvement in Relation to Biocrude Production Systems. <i>Biofuel and Biorefinery Technologies</i> , 2015, , 191-249.	0.3	8
9	Gateway-Assisted Vector Construction to Facilitate Expression of Foreign Proteins in the Chloroplast of Single Celled Algae. <i>PLoS ONE</i> , 2014, 9, e86841.	2.5	20
10	RNAi Knock-Down of LHCBM1, 2 and 3 Increases Photosynthetic H ₂ Production Efficiency of the Green Alga <i>Chlamydomonas reinhardtii</i> . <i>PLoS ONE</i> , 2013, 8, e61375.	2.5	99
11	Exhaustion of the chloroplast protein synthesis capacity by massive expression of a highly stable protein antibiotic. <i>Plant Journal</i> , 2009, 57, 436-445.	5.7	286
12	Plastid production of protein antibiotics against pneumonia via a new strategy for high-level expression of antimicrobial proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 6579-6584.	7.1	100