

# Melanie Oey

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2055062/publications.pdf>

Version: 2024-02-01

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