Julian Wichmann

List of Publications by Year
in descending order

13	950	687363 13	1125743 13
papers	citations	h-index	g-index

16	16	16	1028
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Engineering Biocatalytic Solar Fuel Production: The PHOTOFUEL Consortium. Trends in Biotechnology, 2021, 39, 323-327.	9.3	17
2	Green algal hydrocarbon metabolism is an exceptional source of sustainable chemicals. Current Opinion in Biotechnology, 2020, 61, 28-37.	6.6	25
3	High density cultivation for efficient sesquiterpenoid biosynthesis in Synechocystis sp. PCC 6803. Scientific Reports, 2020, 10, 5932.	3.3	42
4	Tailored carbon partitioning for phototrophic production of (E)-Î±-bisabolene from the green microalga Chlamydomonas reinhardtii. Metabolic Engineering, 2018, 45, 211-222.	7.0	125
5	Intron-containing algal transgenes mediate efficient recombinant gene expression in the green microalga Chlamydomonas reinhardtii. Nucleic Acids Research, 2018, 46, 6909-6919.	14.5	136
6	Patchoulol Production with Metabolically Engineered Corynebacterium glutamicum. Genes, 2018, 9, 219.	2.4	57
7	Phototrophic production of heterologous diterpenoids and a hydroxy-functionalized derivative from Chlamydomonas reinhardtii. Metabolic Engineering, 2018, 49, 116-127.	7.0	91
8	Synthetic metabolic pathways for photobiological conversion of CO2 into hydrocarbon fuel. Metabolic Engineering, 2018, 49, 201-211.	7.0	90
9	Efficient phototrophic production of a high-value sesquiterpenoid from the eukaryotic microalga Chlamydomonas reinhardtii. Metabolic Engineering, 2016, 38, 331-343.	7.0	120
10	Label-free in vivo analysis of intracellular lipid droplets in the oleaginous microalga Monoraphidium neglectum by coherent Raman scattering microscopy. Scientific Reports, 2016, 6, 35340.	3.3	35
11	Investigating the dynamics of recombinant protein secretion from a microalgal host. Journal of Biotechnology, 2015, 215, 62-71.	3.8	38
12	Reconstruction of the lipid metabolism for the microalga Monoraphidium neglectum from its genome sequence reveals characteristics suitable for biofuel production. BMC Genomics, 2013, 14, 926.	2.8	84
13	Identification of Monoraphidium contortum as a promising species for liquid biofuel production. Bioresource Technology, 2013, 133, 622-626.	9.6	81