

Julian Wichmann

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

950
citations

686830

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1125271

13
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16
all docs

16
docs citations

16
times ranked

1028
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering Biocatalytic Solar Fuel Production: The PHOTOFUEL Consortium. Trends in Biotechnology, 2021, 39, 323-327.	4.9	17
2	Green algal hydrocarbon metabolism is an exceptional source of sustainable chemicals. Current Opinion in Biotechnology, 2020, 61, 28-37.	3.3	25
3	High density cultivation for efficient sesquiterpenoid biosynthesis in <i>Synechocystis</i> sp. PCC 6803. Scientific Reports, 2020, 10, 5932.	1.6	42
4	Tailored carbon partitioning for phototrophic production of (E)- β -bisabolene from the green microalga <i>Chlamydomonas reinhardtii</i> . Metabolic Engineering, 2018, 45, 211-222.	3.6	125
5	Intron-containing algal transgenes mediate efficient recombinant gene expression in the green microalga <i>Chlamydomonas reinhardtii</i> . Nucleic Acids Research, 2018, 46, 6909-6919.	6.5	136
6	Patchoulol Production with Metabolically Engineered <i>Corynebacterium glutamicum</i> . Genes, 2018, 9, 219.	1.0	57
7	Phototrophic production of heterologous diterpenoids and a hydroxy-functionalized derivative from <i>Chlamydomonas reinhardtii</i> . Metabolic Engineering, 2018, 49, 116-127.	3.6	91
8	Synthetic metabolic pathways for photobiological conversion of CO ₂ into hydrocarbon fuel. Metabolic Engineering, 2018, 49, 201-211.	3.6	90
9	Efficient phototrophic production of a high-value sesquiterpenoid from the eukaryotic microalga <i>Chlamydomonas reinhardtii</i> . Metabolic Engineering, 2016, 38, 331-343.	3.6	120
10	Label-free in vivo analysis of intracellular lipid droplets in the oleaginous microalga <i>Monoraphidium neglectum</i> by coherent Raman scattering microscopy. Scientific Reports, 2016, 6, 35340.	1.6	35
11	Investigating the dynamics of recombinant protein secretion from a microalgal host. Journal of Biotechnology, 2015, 215, 62-71.	1.9	38
12	Reconstruction of the lipid metabolism for the microalga <i>Monoraphidium neglectum</i> from its genome sequence reveals characteristics suitable for biofuel production. BMC Genomics, 2013, 14, 926.	1.2	84
13	Identification of <i>Monoraphidium contortum</i> as a promising species for liquid biofuel production. Bioresource Technology, 2013, 133, 622-626.	4.8	81