

Taylor L Weiss

List of Publications by Year in descending order

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12
papers

1,049
citations

758635

12
h-index

1199166

12
g-index

12
all docs

12
docs citations

12
times ranked

1667
citing authors

#	ARTICLE	IF	CITATIONS
1	Draft Nuclear Genome Sequence of the Liquid Hydrocarbon-accumulating Green Microalga <i>Botryococcus braunii</i> Race B (Showa). <i>Genome Announcements</i> , 2017, 5, .	0.8	21
2	A synthetic, light-driven consortium of cyanobacteria and heterotrophic bacteria enables stable polyhydroxybutyrate production. <i>Metabolic Engineering</i> , 2017, 44, 236-245.	3.6	102
3	A microfluidic photobioreactor array demonstrating high-throughput screening for microalgal oil production. <i>Lab on A Chip</i> , 2014, 14, 1415.	3.1	87
4	The Path to Triacylglyceride Obesity in the <i>sta6</i> Strain of <i>Chlamydomonas reinhardtii</i> . <i>Eukaryotic Cell</i> , 2014, 13, 591-613.	3.4	143
5	Ultrastructure and Composition of the <i>Nannochloropsis gaditana</i> Cell Wall. <i>Eukaryotic Cell</i> , 2014, 13, 1450-1464.	3.4	322
6	Vibrational spectra and DFT calculations of squalene. <i>Journal of Molecular Structure</i> , 2013, 1032, 203-206.	1.8	20
7	Colony Organization in the Green Alga <i>Botryococcus braunii</i> (Race B) Is Specified by a Complex Extracellular Matrix. <i>Eukaryotic Cell</i> , 2012, 11, 1424-1440.	3.4	151
8	Bio-crude transcriptomics: Gene discovery and metabolic network reconstruction for the biosynthesis of the terpenome of the hydrocarbon oil-producing green alga, <i>Botryococcus braunii</i> race B (Showa)*. <i>BMC Genomics</i> , 2012, 13, 576.	1.2	52
9	Effect of selected herbicides on growth and hydrocarbon content of <i>Botryococcus braunii</i> (Race B). <i>Industrial Crops and Products</i> , 2012, 39, 154-161.	2.5	18
10	Genome size and phylogenetic analysis of the A and L races of <i>Botryococcus braunii</i> . <i>Journal of Applied Phycology</i> , 2011, 23, 833-839.	1.5	29
11	PHYLOGENETIC PLACEMENT, GENOME SIZE, AND GC CONTENT OF THE LIQUID-HYDROCARBON-PRODUCING GREEN MICROALGA <i>BOTRYOCOCCUS BRAUNII</i> STRAIN BERKELEY (SHOWA) (CHLOROPHYTA). <i>Journal of Phycology</i> , 2010, 46, 534-540.	1.0	37
12	Raman Spectroscopy Analysis of Botryococcene Hydrocarbons from the Green Microalga <i>Botryococcus braunii</i> . <i>Journal of Biological Chemistry</i> , 2010, 285, 32458-32466.	1.6	67