

Erika Erickson

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,837
citations

687363

13
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

2555
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome, Functional Gene Annotation, and Nuclear Transformation of the Heterokont Oleaginous Alga <i>Nannochloropsis oceanica</i> CCMP1779. <i>PLoS Genetics</i> , 2012, 8, e1003064.	3.5	376
2	Light stress and photoprotection in <i>Chlamydomonas reinhardtii</i> . <i>Plant Journal</i> , 2015, 82, 449-465.	5.7	284
3	Characterization and engineering of a two-enzyme system for plastics depolymerization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 25476-25485.	7.1	262
4	Dynamic Antagonism between Phytochromes and PIF Family Basic Helix-Loop-Helix Factors Induces Selective Reciprocal Responses to Light and Shade in a Rapidly Responsive Transcriptional Network in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2012, 24, 1398-1419.	6.6	199
5	Techno-economic, life-cycle, and socioeconomic impact analysis of enzymatic recycling of poly(ethylene terephthalate). <i>Joule</i> , 2021, 5, 2479-2503.	24.0	160
6	Chromosome-level genome assembly and transcriptome of the green alga <i>Chromochloris zofingiensis</i> illuminates astaxanthin production. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E4296-E4305.	7.1	131
7	Identification of pH-sensing Sites in the Light Harvesting Complex Stress-related 3 Protein Essential for Triggering Non-photochemical Quenching in <i>Chlamydomonas reinhardtii</i> . <i>Journal of Biological Chemistry</i> , 2016, 291, 7334-7346.	3.4	100
8	Intracellular pathways for lignin catabolism in white-rot fungi. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	82
9	Critical enzyme reactions in aromatic catabolism for microbial lignin conversion. <i>Nature Catalysis</i> , 2022, 5, 86-98.	34.4	51
10	Aggregation of Trp^{G101S}Glu point mutants of human gamma^D crystallin provides a model for hereditary or UV^B-induced cataract. <i>Protein Science</i> , 2016, 25, 1115-1128.	7.6	44
11	Comparative Performance of PETase as a Function of Reaction Conditions, Substrate Properties, and Product Accumulation. <i>ChemSusChem</i> , 2022, 15, .	6.8	42
12	Particle Size Reduction of Poly(ethylene terephthalate) Increases the Rate of Enzymatic Depolymerization But Does Not Increase the Overall Conversion Extent. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 9131-9140.	6.7	39
13	Transient expression in <i>Nicotiana benthamiana</i> for rapid functional analysis of genes involved in non-photochemical quenching and carotenoid biosynthesis. <i>Plant Journal</i> , 2016, 88, 375-386.	5.7	34
14	Comparative Performance of PETase as a Function of Reaction Conditions, Substrate Properties, and Product Accumulation. <i>ChemSusChem</i> , 2022, 15, .	6.8	14
15	A flexible kinetic assay efficiently sorts prospective biocatalysts for PET plastic subunit hydrolysis. <i>RSC Advances</i> , 2022, 12, 8119-8130.	3.6	8