

Amanda L Smythers

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

123
citations

1307594

7
h-index

1281871

11
g-index

20
all docs

20
docs citations

20
times ranked

125
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of TOR in <i>Chlamydomonas reinhardtii</i> Leads to Rapid Cysteine Oxidation Reflecting Sustained Physiological Changes. <i>Cells</i> , 2019, 8, 1171.	4.1	21
2	Maleimide-Based Chemical Proteomics for Quantitative Analysis of Cysteine Reactivity. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 1697-1705.	2.8	15
3	Photosynthetic Metabolism and Nitrogen Reshuffling Are Regulated by Reversible Cysteine Thiol Oxidation Following Nitrogen Deprivation in <i>Chlamydomonas</i> . <i>Plants</i> , 2020, 9, 784.	3.5	14
4	Characterizing the effect of Poast on <i>Chlorella vulgaris</i> , a non-target organism. <i>Chemosphere</i> , 2019, 219, 704-712.	8.2	11
5	Inositol polyphosphates and target of rapamycin kinase signalling govern photosystem II protein phosphorylation and photosynthetic function under light stress in <i>Chlamydomonas</i> . <i>New Phytologist</i> , 2021, 232, 2011-2025.	7.3	10
6	Comparing Free Radicals in Sunscreen-Treated Pig Skin by Using Electron Paramagnetic Resonance Spectroscopy. <i>Journal of Chemical Education</i> , 2019, 96, 2021-2028.	2.3	9
7	Implementation of Microfluidics for Antimicrobial Susceptibility Assays: Issues and Optimization Requirements. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 547177.	3.9	9
8	Mapping the plant proteome: tools for surveying coordinating pathways. <i>Emerging Topics in Life Sciences</i> , 2021, 5, 203-220.	2.6	9
9	Modernizing the Analytical Chemistry Laboratory: The Design and Implementation of a Modular Protein-Centered Course. <i>Journal of Chemical Education</i> , 2021, 98, 1645-1652.	2.3	9
10	<i>Chlorella vulgaris</i> bioaccumulates excess manganese up to 55Å— under photomixotrophic conditions. <i>Algal Research</i> , 2019, 43, 101641.	4.6	6
11	Quantification of Cannabis in Infused Consumer Products and Their Residues on Skin. <i>ACS Pharmacology and Translational Science</i> , 2022, 5, 642-651.	4.9	4
12	Direct Incorporation of Exogenous Glycerol Leads to Increased Triacylglycerol Formation in <i>Chlorella vulgaris</i> . <i>Energy & Fuels</i> , 2019, 33, 11125-11134.	5.1	2
13	Crosslinking mass spectrometry unveils novel interactions and structural distinctions in the model green alga <i>Chlamydomonas reinhardtii</i> . <i>Molecular Omics</i> , 2021, 17, 917-928.	2.8	2
14	Investigations of the photochemical charge-transfer reduction of uranyl UO ₂ ²⁺ (VI) to uranyl UO ₂ ⁺ (V) by benzene-1,4-diol (1,4-C ₆ H ₄ (OH) ₂) and oxalate (C ₂ O ₄ ²⁻) by UV-Vis, electron paramagnetic resonance, and luminescence spectroscopies. <i>Inorganica Chimica Acta</i> , 2021, 525, 120451.	2.4	2
15	Enhancement of Algal Biofeedstocks in a Mixotrophic Batch Culture Supplemented with Exogenous Glycerol. <i>FASEB Journal</i> , 2019, 33, 653.2.	0.5	0
16	Using fluazifop- <i>n</i> -butyl for low cost increases in lipid accumulation for the generation of algal biofuels from <i>Chlorella vulgaris</i> . <i>FASEB Journal</i> , 2019, 33, 653.1.	0.5	0
17	Abscisic Acid Controlled Redox Proteome of <i>Arabidopsis</i> and its Regulation by Heterotrimeric G-proteins. <i>FASEB Journal</i> , 2022, 36, .	0.5	0
18	Physical and Mechanistic Characterization of Tardigrade Cryptobiotic States in Response to Environmental Stressors. <i>FASEB Journal</i> , 2022, 36, .	0.5	0

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19	Investigating a novel role of LARP along the algal TOR pathway. FASEB Journal, 2022, 36, .	0.5	0