Amanda L Smythers

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3138836/publications.pdf

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19	123	1307594 7	1281871 11
papers	citations	h-index	g-index

20	20	20	125
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Abscisic Acid Controlled Redox Proteome of Arabidopsis and its Regulation by Heterotrimeric Gâ€proteins. FASEB Journal, 2022, 36, .	0.5	0
2	Physical and Mechanistic Characterization of Tardigrade Cryptobiotic States in Response to Environmental Stressors. FASEB Journal, 2022, 36, .	0.5	0
3	Investigating a novel role of LARP along the algal TOR pathway. FASEB Journal, 2022, 36, .	0.5	0
4	Quantification of Cannabis in Infused Consumer Products and Their Residues on Skin. ACS Pharmacology and Translational Science, 2022, 5, 642-651.	4.9	4
5	Crosslinking mass spectrometry unveils novel interactions and structural distinctions in the model green alga Chlamydomonas reinhardtii. Molecular Omics, 2021, 17, 917-928.	2.8	2
6	Mapping the plant proteome: tools for surveying coordinating pathways. Emerging Topics in Life Sciences, 2021, 5, 203-220.	2.6	9
7	Modernizing the Analytical Chemistry Laboratory: The Design and Implementation of a Modular Protein-Centered Course. Journal of Chemical Education, 2021, 98, 1645-1652.	2.3	9
8	Investigations of the photochemical charge-transfer reduction of uranyl UO22+(VI) to uranyl UO2+(V) by benzene-1,4-diol (1,4-C6H4(OH)2) and oxalate (C2O42â¯) by UVâ€“Vis, electron paramagnetic resonance, and luminescence spectroscopies. Inorganica Chimica Acta, 2021, 525, 120451.	2.4	2
9	Inositol polyphosphates and target of rapamycin kinase signalling govern photosystem II protein phosphorylation and photosynthetic function under light stress in Chlamydomonas. New Phytologist, 2021, 232, 2011-2025.	7.3	10
10	Implementation of Microfluidics for Antimicrobial Susceptibility Assays: Issues and Optimization Requirements. Frontiers in Cellular and Infection Microbiology, 2020, 10, 547177.	3.9	9
11	Maleimide-Based Chemical Proteomics for Quantitative Analysis of Cysteine Reactivity. Journal of the American Society for Mass Spectrometry, 2020, 31, 1697-1705.	2.8	15
12	Photosynthetic Metabolism and Nitrogen Reshuffling Are Regulated by Reversible Cysteine Thiol Oxidation Following Nitrogen Deprivation in Chlamydomonas. Plants, 2020, 9, 784.	3.5	14
13	Comparing Free Radicals in Sunscreen-Treated Pig Skin by Using Electron Paramagnetic Resonance Spectroscopy. Journal of Chemical Education, 2019, 96, 2021-2028.	2.3	9
14	Direct Incorporation of Exogenous Glycerol Leads to Increased Triacylglycerol Formation inChlorella vulgaris. Energy & Fuels, 2019, 33, 11125-11134.	5.1	2
15	Chlorella vulgaris bioaccumulates excess manganese up to 55Ã— under photomixotrophic conditions. Algal Research, 2019, 43, 101641.	4.6	6
16	Inhibition of TOR in Chlamydomonas reinhardtii Leads to Rapid Cysteine Oxidation Reflecting Sustained Physiological Changes. Cells, 2019, 8, 1171.	4.1	21
17	Characterizing the effect of Poast on Chlorella vulgaris, a non-target organism. Chemosphere, 2019, 219, 704-712.	8.2	11
18	Enhancement of Algal Biofeedstocks in a Mixotrophic Batch Culture Supplemented with Exogenous Glycerol. FASEB Journal, 2019, 33, 653.2.	0.5	0

#	Article	IF	Citations
19	Using fluazifopâ€pâ€butyl for low cost increases in lipid accumulation for the generation of algal biofuels from Chlorella vulgaris. FASEB Journal, 2019, 33, 653.1.	0.5	0