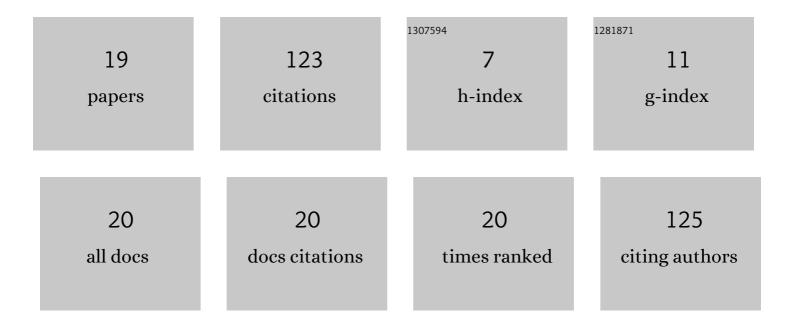
Amanda L Smythers

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Abscisic Acid Controlled Redox Proteome of <i>Arabidopsis</i> 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 <i>Chlamydomonas reinhardtii</i> . 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 UV–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 <i>Chlamydomonas</i> . 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 55× 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 |