

Stephan N Schott-Verdugo

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

387
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1163117

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all docs

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docs citations

21
times ranked

529
citing authors

#	ARTICLE	IF	CITATIONS
1	PACKMOL-Memgen: A Simple-To-Use, Generalized Workflow for Membrane-Protein-Lipid-Bilayer System Building. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 2522-2528.	5.4	121
2	Interdependence of a mechanosensitive anion channel and glutamate receptors in distal wound signaling. <i>Science Advances</i> , 2021, 7, eabg4298.	10.3	45
3	The Nature of the Donor Motif in Acceptor-Bridge-Donor Dyes as an Influence in the Electron Photo-Injection Mechanism in DSSCs. <i>Journal of Physical Chemistry A</i> , 2016, 120, 1613-1624.	2.5	41
4	Structural Model of the ETR1 Ethylene Receptor Transmembrane Sensor Domain. <i>Scientific Reports</i> , 2019, 9, 8869.	3.3	33
5	Calcium-Promoted Interaction between the C2-Domain Protein EHB1 and Metal Transporter IRT1 Inhibits Arabidopsis Iron Acquisition. <i>Plant Physiology</i> , 2019, 180, 1564-1581.	4.8	33
6	Cooperation through Competition-Dynamics and Microeconomics of a Minimal Nutrient Trade System in Arbuscular Mycorrhizal Symbiosis. <i>Frontiers in Plant Science</i> , 2016, 7, 912.	3.6	26
7	Nutrient exchange in arbuscular mycorrhizal symbiosis from a thermodynamic point of view. <i>New Phytologist</i> , 2019, 222, 1043-1053.	7.3	19
8	The Puzzle of Metabolite Exchange and Identification of Putative Octotrico Peptide Repeat Expression Regulators in the Nascent Photosynthetic Organelles of <i>Paulinella chromatophora</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 607182.	3.5	13
9	Structural, mechanistic, and physiological insights into phospholipase A-mediated membrane phospholipid degradation in <i>Pseudomonas aeruginosa</i> . <i>ELife</i> , 2022, 11, .	6.0	13
10	Computational Analyses of the AtTPC1 (Arabidopsis Two-Pore Channel 1) Permeation Pathway. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10345.	4.1	11
11	Unsaturated fatty acids augment protein transport via the SecA:SecYEG translocon. <i>FEBS Journal</i> , 2022, 289, 140-162.	4.7	8
12	Substrate Access Mechanism in a Novel Membrane-Bound Phospholipase A of <i>Pseudomonas aeruginosa</i> Concordant with Specificity and Regioselectivity. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 5626-5643.	5.4	7
13	A phospholipase B from <i>Pseudomonas aeruginosa</i> with activity towards endogenous phospholipids affects biofilm assembly. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2022, 1867, 159101.	2.4	5
14	Mapping the helix arrangement of the reconstituted ETR1 ethylene receptor transmembrane domain by EPR spectroscopy. <i>RSC Advances</i> , 2022, 12, 7352-7356.	3.6	5
15	Substituted phenylhydrazono derivatives of curcumin as new ligands, a theoretical study. <i>Chemical Physics Letters</i> , 2015, 623, 42-45.	2.6	3
16	A Mademoiselle domain binding platform links the key RNA transporter to endosomes. <i>PLoS Genetics</i> , 2022, 18, e1010269.	3.5	3