

Mina Ghahremani

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

375
citations

840776

11
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

520
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent insights into the metabolic adaptations of phosphorus-deprived plants. <i>Journal of Experimental Botany</i> , 2021, 72, 199-223.	4.8	69
2	The Role of YAP and TAZ in Angiogenesis and Vascular Mimicry. <i>Cells</i> , 2019, 8, 407.	4.1	67
3	Electrochemical Alcohol Oxidation Mediated by TEMPO-like Nitroxyl Radicals. <i>ChemistryOpen</i> , 2017, 6, 5-10.	1.9	52
4	Phosphate and phosphite have a differential impact on the proteome and phosphoproteome of <i>Arabidopsis</i> suspension cell cultures. <i>Plant Journal</i> , 2021, 105, 924-941.	5.7	24
5	Characterization of Critical Determinants of ACE2-SARS CoV-2 RBD Interaction. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2268.	4.1	24
6	A glycoform of the secreted purple acid phosphatase (<sc>AtPAP26</sc>) co-purifies with a mannose-binding lectin (<sc>AtGAL1</sc>) upregulated by phosphate-starved <i>Arabidopsis</i>. <i>Plant, Cell and Environment</i> , 2019, 42, 1139-1157.	5.7	21
7	Implications for SARS-CoV-2 Vaccine Design: Fusion of Spike Glycoprotein Transmembrane Domain to Receptor-Binding Domain Induces Trimerization. <i>Membranes</i> , 2020, 10, 215.	3.0	20
8	Nanoluciferase complementation-based bioreporter reveals the importance of N-linked glycosylation of SARS-CoV-2 S for viral entry. <i>Molecular Therapy</i> , 2021, 29, 1984-2000.	8.2	19
9	New Stable Catalytic Electrodes Functionalized with TEMPO for the Waste-Free Oxidation of Alcohol. <i>Organic Process Research and Development</i> , 2018, 22, 1298-1305.	2.7	16
10	Lectin AtGAL1 interacts with high-mannose glycoform of the purple acid phosphatase AtPAP26 secreted by phosphate-starved <i>Arabidopsis</i>. <i>Plant, Cell and Environment</i> , 2019, 42, 1158-1166.	5.7	15
11	Extraction and Characterization of Extracellular Proteins and Their Post-Translational Modifications from <i>Arabidopsis thaliana</i> Suspension Cell Cultures and Seedlings: A Critical Review. <i>Proteomes</i> , 2016, 4, 25.	3.5	12
12	<i>Arabidopsis</i> PAP17 is a dual-localized purple acid phosphatase up-regulated during phosphate deprivation, senescence, and oxidative stress. <i>Journal of Experimental Botany</i> , 2022, 73, 382-399.	4.8	12
13	Luciferase-Based Biosensors in the Era of the COVID-19 Pandemic. <i>ACS Nanoscience Au</i> , 2021, 1, 15-37.	4.8	9
14	Aerobic oxidation and oxidative esterification of alcohols through cooperative catalysis under metal-free conditions. <i>Chemical Communications</i> , 2021, 57, 8897-8900.	4.1	7
15	Phosphoprotein Phosphatase Function of Secreted Purple Acid Phosphatases. , 2020, , 11-28.		3
16	Home sweet home: how mutualistic microbes modify root development to promote symbiosis. <i>Journal of Experimental Botany</i> , 2021, 72, 2275-2287.	4.8	2
17	Waste-free oxidation of alcohols at the surface of catalytic electrodes: What is required for industrial uptake?. <i>Electrochemical Science Advances</i> , 2022, 2, e2100124.	2.8	1