

Andrei Herdean

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,725
citations

567247

15
h-index

642715

23
g-index

26
all docs

26
docs citations

26
times ranked

2705
citing authors

#	ARTICLE	IF	CITATIONS
1	<scp>CoordinateCleaner</scp>: Standardized cleaning of occurrence records from biological collection databases. <i>Methods in Ecology and Evolution</i> , 2019, 10, 744-751.	5.2	473
2	The Impacts of Phosphorus Deficiency on the Photosynthetic Electron Transport Chain. <i>Plant Physiology</i> , 2018, 177, 271-284.	4.8	248
3	Plastidial transporters KEA1, -2, and -3 are essential for chloroplast osmoregulation, integrity, and pH regulation in <i>Arabidopsis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 7480-7485.	7.1	241
4	A voltage-dependent chloride channel fine-tunes photosynthesis in plants. <i>Nature Communications</i> , 2016, 7, 11654.	12.8	122
5	Multicenter Evaluation of Circulating Cell-Free DNA Extraction and Downstream Analyses for the Development of Standardized (Pre)analytical Work Flows. <i>Clinical Chemistry</i> , 2020, 66, 149-160.	3.2	100
6	The Evolutionarily Conserved Protein PHOTOSYNTHESIS AFFECTED MUTANT71 is Required for Efficient Manganese Uptake at the Thylakoid Membrane in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2016, 28, tpc.00812.2015.	6.6	94
7	Enhanced Secondary- and Hormone Metabolism in Leaves of Arbuscular Mycorrhizal <i>Medicago truncatula</i> . <i>Plant Physiology</i> , 2017, 175, 392-411.	4.8	81
8	The <i>Arabidopsis</i> Thylakoid Chloride Channel AtCLCe Functions in Chloride Homeostasis and Regulation of Photosynthetic Electron Transport. <i>Frontiers in Plant Science</i> , 2016, 7, 115.	3.6	67
9	The <i>Arabidopsis</i> thylakoid transporter <scp>PHT</scp>4;1 influences phosphate availability for <scp>ATP</scp> synthesis and plant growth. <i>Plant Journal</i> , 2015, 84, 99-110.	5.7	59
10	PHOTOSYSTEM II PROTEIN33, a Protein Conserved in the Plastid Lineage, Is Associated with the Chloroplast Thylakoid Membrane and Provides Stability to Photosystem II Supercomplexes in <i>Arabidopsis</i> . <i>Plant Physiology</i> , 2015, 167, 481-492.	4.8	46
11	Multicenter Evaluation of Circulating Plasma MicroRNA Extraction Technologies for the Development of Clinically Feasible Reverse Transcription Quantitative PCR and Next-Generation Sequencing Analytical Work Flows. <i>Clinical Chemistry</i> , 2019, 65, 1132-1140.	3.2	37
12	An update on the regulation of photosynthesis by thylakoid ion channels and transporters in <i>Arabidopsis</i> . <i>Physiologia Plantarum</i> , 2017, 161, 16-27.	5.2	33
13	K ⁺ and Cl ⁻ channels/transporters independently fine-tune photosynthesis in plants. <i>Scientific Reports</i> , 2019, 9, 8639.	3.3	32
14	Photosystem II Function and Dynamics in Three Widely Used <i>Arabidopsis thaliana</i> Accessions. <i>PLoS ONE</i> , 2012, 7, e46206.	2.5	28
15	Multicenter Evaluation of Independent High-Throughput and RT-qPCR Technologies for the Development of Analytical Workflows for Circulating miRNA Analysis. <i>Cancers</i> , 2020, 12, 1166.	3.7	10
16	Natural variation in phosphorylation of photosystem II proteins in <i>Arabidopsis thaliana</i> : is it caused by genetic variation in the STN kinases?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130499.	4.0	7
17	Characterisation and Bioactivity Analysis of Peridinin-Chlorophyll a-Protein (PCP) Isolated from <i>Symbiodinium tridacnidorum</i> CS-73. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 1387.	2.6	7
18	Methyl Jasmonate and Methyl- β -Cyclodextrin Individually Boost Triterpenoid Biosynthesis in <i>Chlamydomonas Reinhardtii</i> UVM4. <i>Pharmaceuticals</i> , 2021, 14, 125.	3.8	6

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19	Phenoplate: An innovative method for assessing interacting effects of temperature and light on non-photochemical quenching in microalgae under chemical stress. <i>New Biotechnology</i> , 2022, 66, 89-96.	4.4	6
20	Comparative Study Highlights the Potential of Spectral Deconvolution for Fucoxanthin Screening in Live <i>Phaeodactylum tricornutum</i> Cultures. <i>Marine Drugs</i> , 2022, 20, 19.	4.6	6
21	Action Spectra and Excitation Emission Matrices reveal the broad range of usable photosynthetic active radiation for <i>Phaeodactylum tricornutum</i> . <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2021, 1862, 148461.	1.0	1
22	A Cyanobacteria Enriched Layer of Shark Bay Stromatolites Reveals a New <i>Acaryochloris</i> Strain Living in Near Infrared Light. <i>Microorganisms</i> , 2022, 10, 1035.	3.6	1