

Andrei Herdean

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22

papers

913

citations

14

h-index

26

g-index

26

ext. papers

1,358

ext. citations

6.4

avg, IF

3.92

L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 22 | Plastidial transporters KEA1, -2, and -3 are essential for chloroplast osmoregulation, integrity, and pH regulation in Arabidopsis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 7480-5 | 11.5 | 164 |
| 21 | CoordinateCleaner: Standardized cleaning of occurrence records from biological collection databases. <i>Methods in Ecology and Evolution</i> , 2019 , 10, 744-751 | 7.7 | 152 |
| 20 | The Impacts of Phosphorus Deficiency on the Photosynthetic Electron Transport Chain. <i>Plant Physiology</i> , 2018 , 177, 271-284 | 6.6 | 122 |
| 19 | A voltage-dependent chloride channel fine-tunes photosynthesis in plants. <i>Nature Communications</i> , 2016 , 7, 11654 | 17.4 | 81 |
| 18 | The Evolutionarily Conserved Protein PHOTOSYNTHESIS AFFECTED MUTANT71 Is Required for Efficient Manganese Uptake at the Thylakoid Membrane in Arabidopsis. <i>Plant Cell</i> , 2016 , 28, 892-910 | 11.6 | 65 |
| 17 | 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 | 5.5 | 51 |
| 16 | The Arabidopsis thylakoid transporter PHT4;1 influences phosphate availability for ATP synthesis and plant growth. <i>Plant Journal</i> , 2015 , 84, 99-110 | 6.9 | 46 |
| 15 | The Arabidopsis Thylakoid Chloride Channel AtCLCe Functions in Chloride Homeostasis and Regulation of Photosynthetic Electron Transport. <i>Frontiers in Plant Science</i> , 2016 , 7, 115 | 6.2 | 46 |
| 14 | Enhanced Secondary- and Hormone Metabolism in Leaves of Arbuscular Mycorrhizal. <i>Plant Physiology</i> , 2017 , 175, 392-411 | 6.6 | 43 |
| 13 | 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 Arabidopsis. <i>Plant Physiology</i> , 2015 , 167, 481-92 | 6.6 | 32 |
| 12 | 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 | 5.5 | 24 |
| 11 | Photosystem II function and dynamics in three widely used Arabidopsis thaliana accessions. <i>PLoS ONE</i> , 2012 , 7, e46206 | 3.7 | 23 |
| 10 | An update on the regulation of photosynthesis by thylakoid ion channels and transporters in Arabidopsis. <i>Physiologia Plantarum</i> , 2017 , 161, 16-27 | 4.6 | 22 |
| 9 | K and Cl channels/transporters independently fine-tune photosynthesis in plants. <i>Scientific Reports</i> , 2019 , 9, 8639 | 4.9 | 19 |
| 8 | Each of the chloroplast potassium efflux antiporters affects photosynthesis and growth of fully developed Arabidopsis rosettes under short-day photoperiod. <i>Physiologia Plantarum</i> , 2016 , 158, 483-494 | 4.6 | 13 |
| 7 | Natural variation in phosphorylation of photosystem II proteins in Arabidopsis thaliana: is it caused by genetic variation in the STN kinases?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014 , 369, 20130499 | 5.8 | 5 |
| 6 | 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, | 6.6 | 2 |

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| 5 | Methyl Jasmonate and Methyl- β -Cyclodextrin Individually Boost Triterpenoid Biosynthesis in UVM4. <i>Pharmaceuticals</i> , 2021 , 14, | 5.2 | 1 |
| 4 | 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 | 4.6 | 1 |
| 3 | 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 | 2.4 | 1 |
| 2 | 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> , 2021 , 66, 89-96 | 6.4 | 0 |
| 1 | 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 | 4.9 | |