

Amith R Devireddy

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

2,052
citations

687363

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839539

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19
docs citations

19
times ranked

2729
citing authors

#	ARTICLE	IF	CITATIONS
1	Integration of reactive oxygen species and hormone signaling during abiotic stress. <i>Plant Journal</i> , 2021, 105, 459-476.	5.7	186
2	Role of Reactive Oxygen Species and Hormones in Plant Responses to Temperature Changes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8843.	4.1	64
3	Coordinated and rapid whole-plant systemic stomatal responses. <i>New Phytologist</i> , 2020, 225, 21-25.	7.3	81
4	Phytochrome B Is Required for Systemic Stomatal Responses and Reactive Oxygen Species Signaling during Light Stress. <i>Plant Physiology</i> , 2020, 184, 1563-1572.	4.8	39
5	Systemic signaling during abiotic stress combination in plants. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 13810-13820.	7.1	232
6	Coordinating the overall stomatal response of plants: Rapid leaf-to-leaf communication during light stress. <i>Science Signaling</i> , 2018, 11, .	3.6	150
7	Local and Systemic Metabolic Responses during Light-Induced Rapid Systemic Signaling. <i>Plant Physiology</i> , 2018, 178, 1461-1472.	4.8	49
8	Rapid Accumulation of Glutathione During Light Stress in Arabidopsis. <i>Plant and Cell Physiology</i> , 2018, 59, 1817-1826.	3.1	31
9	Inhibition of the multidrug efflux pump LmrS from <i>Staphylococcus aureus</i> by cumin spice <i>Cuminum cyminum</i> . <i>Archives of Microbiology</i> , 2017, 199, 465-474.	2.2	35
10	Veterinary antibiotics influence trigonelline biosynthesis and plant growth in <i>Arachis hypogaea</i> L.. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2017, 67, 245-251.	0.6	1
11	Stress Responses of Peanut (<i>Arachis hypogaea</i> L.) Genotypes as Measured by Trigonelline Content after Exposure to UV-B Radiation. <i>American Journal of Plant Sciences</i> , 2017, 08, 998-1010.	0.8	7
12	3D-QSAR AND CONTOUR MAP ANALYSIS OF TARIQUIDAR ANALOGUES AS MULTIDRUG RESISTANCE PROTEIN-1 (MRP1) INHIBITORS. <i>International Journal of Pharmaceutical Sciences and Research</i> , 2016, 7, 554-572.	9.0	13
13	The evolution of reactive oxygen species metabolism. <i>Journal of Experimental Botany</i> , 2016, 67, 5933-5943.	4.8	144
14	ROS, Calcium, and Electric Signals: Key Mediators of Rapid Systemic Signaling in Plants. <i>Plant Physiology</i> , 2016, 171, 1606-1615.	4.8	455
15	Ultra-fast alterations in mRNA levels uncover multiple players in light stress acclimation in plants. <i>Plant Journal</i> , 2015, 84, 760-772.	5.7	71
16	A tidal wave of signals: calcium and ROS at the forefront of rapid systemic signaling. <i>Trends in Plant Science</i> , 2014, 19, 623-630.	8.8	478
17	Comparative genome analysis of non-toxicogenic non-O1 versus toxicogenic O1 <i>Vibrio cholerae</i> . <i>Genomics Discovery</i> , 2014, 2, 1.	0.2	11
18	MOLECULAR MODELLING, 3D-QSAR, AND DRUG DOCKING STUDIES ON THE ROLE OF NATURAL ANTICOAGULANT COMPOUNDS IN ANTITHROMBOTIC THERAPY. <i>International Journal of Pharmaceutical Sciences and Research</i> , 2014, 5, 4141-4152.	9.0	5