

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

13
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

2729
citing authors

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