

T Swaroopa Rani

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

288
citations

1163117

8
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

547
citing authors

#	ARTICLE	IF	CITATIONS
1	Harpin encapsulation in chitosan nanoparticles for improved bioavailability and disease resistance in tomato. <i>Carbohydrate Polymers</i> , 2018, 199, 11-19.	10.2	64
2	Warriors at the gate that never sleep: Non-host resistance in plants. <i>Journal of Plant Physiology</i> , 2011, 168, 2141-2152.	3.5	55
3	Root Exudate-Induced Alterations in <i>Bacillus cereus</i> Cell Wall Contribute to Root Colonization and Plant Growth Promotion. <i>PLoS ONE</i> , 2013, 8, e78369.	2.5	50
4	Exploring Combined Effect of Abiotic (Soil Moisture) and Biotic (<i>Sclerotium rolfsii</i> Sacc.) Stress on Collar Rot Development in Chickpea. <i>Frontiers in Plant Science</i> , 2018, 9, 1154.	3.6	43
5	Key Residues Affecting Transglycosylation Activity in Family 18 Chitinases: Insights into Donor and Acceptor Subsites. <i>Biochemistry</i> , 2018, 57, 4325-4337.	2.5	25
6	Changes in Root Exudates and Root Proteins in Groundnut- <i>Pseudomonas</i> sp. Interaction Contribute to Root Colonization by Bacteria and Defense Response of the Host. <i>Journal of Plant Growth Regulation</i> , 2019, 38, 523-538.	5.1	19
7	Chitinase-E from <i>Chitiniphilus shinanonensis</i> generates chitobiose from chitin flakes. <i>International Journal of Biological Macromolecules</i> , 2020, 163, 1037-1043.	7.5	16
8	Accumulation of transcription factors and cell signaling-related proteins in the nucleus during citrus- <i>Xanthomonas</i> interaction. <i>Journal of Plant Physiology</i> , 2015, 184, 20-27.	3.5	9
9	Partner-triggered proteome changes in the cell wall of <i>Bacillus sonorensis</i> and roots of groundnut benefit each other. <i>Microbiological Research</i> , 2018, 217, 91-100.	5.3	5
10	Proteins Associated with Oxidative Burst and Cell Wall Strengthening Accumulate During Citrus- <i>Xanthomonas</i> Non-Host Interaction. <i>Plant Molecular Biology Reporter</i> , 2015, 33, 1349-1360.	1.8	2
11	Thermodynamic insights into the role of aromatic residues in chitoooligosaccharide binding to the transglycosylating chitinase-D from <i>Serratia proteamaculans</i> . <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2020, 1868, 140414.	2.3	0