

Dipto Bhattacharyya

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

489
citations

933447

10
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

694
citing authors

#	ARTICLE	IF	CITATIONS
1	Glutathione regulates ACC synthase transcription via WRKY33 and ACC oxidase by modulating mRNA stability to induce ethylene synthesis during stress. <i>Plant Physiology</i> , 2015, 169, pp.01543.2015.	4.8	95
2	Volatile Indole Produced by Rhizobacterium <i>Proteus vulgaris</i> JBLS202 Stimulates Growth of <i>Arabidopsis thaliana</i> Through Auxin, Cytokinin, and Brassinosteroid Pathways. <i>Journal of Plant Growth Regulation</i> , 2015, 34, 158-168.	5.1	82
3	Volatile compounds from <i>Alcaligenes faecalis</i> JBCS1294 confer salt tolerance in <i>Arabidopsis thaliana</i> through the auxin and gibberellin pathways and differential modulation of gene expression in root and shoot tissues. <i>Plant Growth Regulation</i> , 2015, 75, 297-306.	3.4	71
4	<i>Nicotiana tabacum</i> overexpressing \hat{I}^3 -ECS exhibits biotic stress tolerance likely through NPR1-dependent salicylic acid-mediated pathway. <i>Planta</i> , 2011, 233, 895-910.	3.2	68
5	Multistep involvement of glutathione with salicylic acid and ethylene to combat environmental stress. <i>Journal of Plant Physiology</i> , 2014, 171, 940-950.	3.5	54
6	A cocktail of volatile compounds emitted from <i>Alcaligenes faecalis</i> JBCS1294 induces salt tolerance in <i>Arabidopsis thaliana</i> by modulating hormonal pathways and ion transporters. <i>Journal of Plant Physiology</i> , 2017, 214, 64-73.	3.5	31
7	Glutathione signaling acts through NPR1-dependent SA-mediated pathway to mitigate biotic stress. <i>Plant Signaling and Behavior</i> , 2011, 6, 607-609.	2.4	25
8	Methyl Jasmonate Regulates Podophyllotoxin Accumulation in <i>Podophyllum hexandrum</i> by Altering the ROS-Responsive Podophyllotoxin Pathway Gene Expression Additionally through the Down Regulation of Few Interfering miRNAs. <i>Frontiers in Plant Science</i> , 2017, 08, 164.	3.6	21
9	Transcriptome-wide identification and characterization of CAD isoforms specific for podophyllotoxin biosynthesis from <i>Podophyllum hexandrum</i> . <i>Plant Molecular Biology</i> , 2016, 92, 1-23.	3.9	18
10	Taxonomic and Functional Changes of Bacterial Communities in the Rhizosphere of Kimchi Cabbage After Seed Bacterization with <i>Proteus vulgaris</i> JBLS202. <i>Plant Pathology Journal</i> , 2018, 34, 286-296.	1.7	16
11	Elucidation of the functional role of flagella in virulence and ecological traits of <i>Pseudomonas cichorii</i> using flagella absence ($\hat{I}''flj$) and deficiency ($\hat{I}''fliI$) mutants. <i>Research in Microbiology</i> , 2016, 167, 262-271.	2.1	8