N M R Ashwin

List of Publications by Year
in descending order

18	268	932766 10	940134 16
papers	citations	h-index	g-index

18	18	18	291
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sugarcane proteomics: An update on current status, challenges, and future prospects. Proteomics, 2015, 15, 1658-1670.	1.3	48
2	Proteomic analysis of a compatible interaction between sugarcane and Sporisorium scitamineum. Proteomics, 2016, 16, 1111-1122.	1.3	39
3	Comparative secretome analysis of Colletotrichum falcatum identifies a cerato-platanin protein (EPL1) as a potential pathogen-associated molecular pattern (PAMP) inducing systemic resistance in sugarcane. Journal of Proteomics, 2017, 169, 2-20.	1.2	30
4	Advances in proteomic technologies and their scope of application in understanding plantâ€“pathogen interactions. Journal of Plant Biochemistry and Biotechnology, 2017, 26, 371-386.	0.9	23
5	CfPDIP1, a novel secreted protein of Colletotrichum falcatum, elicits defense responses in sugarcane and triggers hypersensitive response in tobacco. Applied Microbiology and Biotechnology, 2018, 102, 6001-6021.	1.7	20
6	Expression profiling of transcription factors (TFs) in sugarcane X Colletotrichum falcatum interaction. Journal of Plant Biochemistry and Biotechnology, 2013, 22, 286-294.	0.9	18
7	Molecular Profiling of Systemic Acquired Resistance (SAR)-Responsive Transcripts in Sugarcane Challenged with Colletotrichum falcatum. Applied Biochemistry and Biotechnology, 2014, 174, 2839-2850.	1.4	16
8	DISEASE RESISTANCE IN SUGARCANE â€“ AN OVERVIEW. Scientia Agraria Paranaensis, 2015, 14, 200-212.	0.1	14
9	Disease suppressive effects of resistance-inducing agents against red rot of sugarcane. European Journal of Plant Pathology, 2017, 149, 285-297.	0.8	12
10	InÂvitro secretomic analysis identifies putative pathogenicity-related proteins of Sporisorium scitamineum â€“ The sugarcane smut fungus. Fungal Biology, 2017, 121, 199-211.	1.1	11
11	Putative orthologs of Ustilago maydis effectors screened from the genome of sugarcane smut fungus - Sporisorium scitamineum. Australasian Plant Pathology, 2017, 46, 147-156.	0.5	10
12	Comparative expression analysis of potential pathogenicity-associated genes of high- and low-virulent Sporisorium scitamineum isolates during interaction with sugarcane. 3 Biotech, 2021, 11, 353.	1.1	6
13	Transcriptional reprogramming of major defense-signaling pathways during defense priming and sugarcane-Colletotrichum falcatum interaction. Molecular Biology Reports, 2020, 47, 8911-8923.	1.0	5
14	BROWN SPOT OF SUGARCANE: AN EMERGING DISEASE IN SOUTH WESTERN REGION IN INDIA. Journal of Sugarcane Research, 2020, 10, 87.	0.2	4
15	TÃªte-Ã-TÃªte during plant-pathogen interactions: Intricacies involved and beyond. Plant Disease Research, 2020, 35, 89-96.	0.1	4
16	Molecular Discrimination of Opposite Mating Type Haploids of Sporisorium scitamineum and Establishing Their Dimorphic Transitions During Interaction with Sugarcane. Sugar Tech, 2022, 24, 1430-1440.	0.9	4
17	Protoplast-mediated transformation in Sporisorium scitamineum facilitates visualization of in planta developmental stages in sugarcane. Molecular Biology Reports, 2021, 48, 7921-7932.	1.0	2
18	A highly efficient stratagem for protoplast isolation and genetic transformation in filamentous fungus Colletotrichum falcatum. Folia Microbiologica, 2022, , .	1.1	2