

Shweta Jha

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

189
citations

1307594

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268
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#	ARTICLE	IF	CITATIONS
1	Evaluation of Multiple Salinity Tolerance Indices for Screening and Comparative Biochemical and Molecular Analysis of Pearl Millet [<i>Pennisetum glaucum</i> (L.) R. Br.] Genotypes. <i>Journal of Plant Growth Regulation</i> , 2022, 41, 1820-1834.	5.1	11
2	Proteome responses of pearl millet genotypes under salinity. <i>Plant Gene</i> , 2022, 29, 100347.	2.3	5
3	Integrated physiological and comparative proteomics analysis of contrasting genotypes of pearl millet reveals underlying salt-responsive mechanisms. <i>Physiologia Plantarum</i> , 2022, 174, e13605.	5.2	7
4	Evolution of novel strains of <i>Ensifer</i> nodulating the invasive legume <i>Leucaena leucocephala</i> (Lam.) de Wit in different climatic regions of India through lateral gene transfer. <i>FEMS Microbiology Ecology</i> , 2022, 98, .	2.7	4
5	Transgenic Approaches for Enhancement of Salinity Stress Tolerance in Plants. <i>Energy, Environment, and Sustainability</i> , 2019, , 265-322.	1.0	6
6	Proteomics of Salinity Stress: Opportunities and Challenges. , 2018, , 285-292.		2
7	Molecular Mechanism of Plant-Nanoparticle Interactions. , 2016, , 155-181.		19
8	Single-Step Purification and Characterization of A Recombinant Serine Proteinase Inhibitor from Transgenic Plants. <i>Applied Biochemistry and Biotechnology</i> , 2016, 179, 220-236.	2.9	8
9	Single amino acid substitutions in recombinant plant-derived human α 1-proteinase inhibitor confer enhanced stability and functional efficacy. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 416-427.	2.4	4
10	Rice SAPs are responsive to multiple biotic stresses and overexpression of OsSAP1, an A20/AN1 zinc-finger protein, enhances the basal resistance against pathogen infection in tobacco. <i>Plant Science</i> , 2014, 225, 68-76.	3.6	60
11	Transgenic chickpea expressing a recombinant human α 1-proteinase inhibitor (α 1-PI) driven by a seed-specific promoters from the common bean <i>Phaseolus vulgaris</i> (L.). <i>Plant Cell, Tissue and Organ Culture</i> , 2013, 115, 23-33.	2.3	10
12	Differential subcellular targeting of recombinant human α 1-proteinase inhibitor influences yield, biological activity and in planta stability of the protein in transgenic tomato plants. <i>Plant Science</i> , 2012, 196, 53-66.	3.6	22
13	Expression and purification of recombinant human α 1-proteinase inhibitor and its single amino acid substituted variants in <i>Escherichia coli</i> for enhanced stability and biological activity. <i>Journal of Biotechnology</i> , 2010, 147, 64-72.	3.8	13
14	Effect of point mutations in translation initiation context on the expression of recombinant human α 1-proteinase inhibitor in transgenic tomato plants. <i>Plant Cell Reports</i> , 2009, 28, 1791-1798.	5.6	12
15	Study of Matrix Metalloproteinase-2 in Inguinal Hernia. <i>Journal of Clinical Medicine Research</i> , 2009, 1, 285-9.	1.2	6