

Ram Singh Purty

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

389
citations

1163117

8
h-index

752698

20
g-index

25
all docs

25
docs citations

25
times ranked

494
citing authors

#	ARTICLE	IF	CITATIONS
1	Physiological responses among Brassica species under salinity stress show strong correlation with transcript abundance for SOS pathway-related genes. <i>Journal of Plant Physiology</i> , 2009, 166, 507-520.	3.5	120
2	Towards salinity tolerance in Brassica: an overview. <i>Physiology and Molecular Biology of Plants</i> , 2008, 14, 39-49.	3.1	81
3	Transformation of tomato cultivar "Pusa Ruby"™ with bspA gene from <i>Populus tremula</i> for drought tolerance. <i>Plant Cell, Tissue and Organ Culture</i> , 2006, 84, 56-68.	2.3	37
4	Optimization of De Novo Short Read Assembly of Seabuckthorn (<i>Hippophae rhamnoides</i> L.) Transcriptome. <i>PLoS ONE</i> , 2013, 8, e72516.	2.5	36
5	In silico identification and validation of miRNA and their DIR specific targets in <i>Oryza sativa</i> Indica under abiotic stress. <i>Non-coding RNA Research</i> , 2020, 5, 167-177.	4.6	21
6	Maintenance of stress related transcripts in tolerant cultivar at a level higher than sensitive one appears to be a conserved salinity response among plants. <i>Plant Signaling and Behavior</i> , 2009, 4, 431-434.	2.4	15
7	Assessment of Bioremediation Potential of <i>Cellulosimicrobium</i> sp. for Treatment of Multiple Heavy Metals. <i>Microbiology and Biotechnology Letters</i> , 2019, 47, 269-277.	0.4	14
8	Downregulation of Candidate Gene Expression and Neuroprotection by Piperine in Streptozotocin-Induced Hyperglycemia and Memory Impairment in Rats. <i>Frontiers in Pharmacology</i> , 2020, 11, 595471.	3.5	12
9	Induction of a novel boiling stable protein in response to desiccation and ABA treatments in <i>Sesbania sesban</i> var. <i>bicolor</i> leaves. <i>Biologia Plantarum</i> , 2005, 49, 137-140.	1.9	7
10	Structural and Expression Analysis of Salinity Stress Responsive Phosphoserine Phosphatase from <i>Brassica juncea</i> (L.). <i>Journal of Proteomics and Bioinformatics</i> , 2017, 10, .	0.4	7
11	Stress mitigation strategies of plant growth-promoting rhizobacteria: Plant growth-promoting rhizobacteria mechanisms. <i>Plant Science Today</i> , 2021, 8, 25-32.	0.7	5
12	Promoterless gus gene shows leaky β -glucuronidase activity during transformation of tomato with bspA gene for drought tolerance. <i>Biologia Plantarum</i> , 2006, 50, 352-358.	1.9	4
13	Process Design For Removal of Heavy Metals By A Bio-sorbent Trickle Bed System: A Proof of Concept. <i>Journal of Physics: Conference Series</i> , 2020, 1531, 012119.	0.4	4
14	Empirical Modeling of Growth Parameters in <i>Cellulosimicrobium cellulans</i> during Heavy Metal Tolerance. <i>Journal of Physics: Conference Series</i> , 2020, 1531, 012120.	0.4	4
15	Development of male sterile transgenic lines in rice by tapetum specific expression of <i>barnase</i> gene. <i>Journal of Plant Biotechnology</i> , 2017, 44, 364-371.	0.4	4
16	COVID-19 pandemic: Understanding the emergence, pathogenesis and containment (Review). <i>World Academy of Sciences Journal</i> , 0, , .	0.6	3
17	Isolation, Characterization, and In Silico Interaction Studies of Bioactive Compounds from <i>Caesalpinia bonducella</i> with Target Proteins Involved in Alzheimer's Disease. <i>Applied Biochemistry and Biotechnology</i> , 2023, 195, 2216-2234.	2.9	3
18	Comparative analysis of the <i>Agrobacterium</i> mediated transformation using primary and secondary callus of indica rice (<i>Oryza sativa</i> L.) using phosphinothricin as selecting medium. <i>Australian Journal of Crop Science</i> , 2018, 12, 1660-1667.	0.3	2

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19	Genome-wide analysis of PHD finger gene family and identification of potential miRNA and their PHD finger gene specific targets in <i>Oryza sativa indica</i> . <i>Non-coding RNA Research</i> , 2020, 5, 191-200.	4.6	2
20	Nature of the tapetum-specific promoter is crucial for generation of rice transgenics possessing a lethal barnase gene. <i>Journal of Crop Science and Biotechnology</i> , 2021, 24, 579-587.	1.5	2
21	Isolation of Cellulose-Degrading Bacteria and to Use Their Cellulolytic Potential for Production of Bioethanol from Paper Waste. <i>Lecture Notes in Bioengineering</i> , 2021, , 3-11.	0.4	0
22	Synthesis and Characterization of TiO ₂ Nanoparticle and Checking Its Antimicrobial Activity Against <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> . <i>Lecture Notes in Bioengineering</i> , 2021, , 317-325.	0.4	0