

Shuvasish Choudhury

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

2,588
citations

567281

15
h-index

677142

22
g-index

25
all docs

25
docs citations

25
times ranked

5087
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron (Fe ³⁺)-mediated redox responses and amelioration of oxidative stress in cadmium (Cd ²⁺) stressed mung bean seedlings: a biochemical and computational analysis. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2022, 31, 49-60.	1.7	20
2	Salicylic acid ameliorates zinc and chromium-induced stress responses in wheat seedlings: a biochemical and computational analysis. <i>Cereal Research Communications</i> , 2022, 50, 407-418.	1.6	11
3	A Computational Study of the Role of Secondary Metabolites for Mitigation of Acid Soil Stress in Cereals Using Dehydroascorbate and Mono-Dehydroascorbate Reductases. <i>Antioxidants</i> , 2022, 11, 458.	5.1	20
4	Interrelationship Among Rice Grain Arsenic, Micronutrients Content and Grain Quality Attributes: An Investigation From Genotype – Environment Perspective. <i>Frontiers in Environmental Science</i> , 2022, 10, .	3.3	12
5	Evaluating the potential of different inhibitors on RNA-dependent RNA polymerase of severe acute respiratory syndrome coronavirus 2: A molecular modeling approach. <i>Medical Journal Armed Forces India</i> , 2021, 77, S373-S378.	0.8	15
6	In search of drugs to alleviate suppression of the host's innate immune responses against SARS-CoV-2 using a molecular modeling approach. <i>In Silico Pharmacology</i> , 2021, 9, 26.	3.3	5
7	Unrevealing metabolomics for abiotic stress adaptation and tolerance in plants. <i>Journal of Crop Science and Biotechnology</i> , 2021, 24, 479-493.	1.5	18
8	Arsenic contamination, impact and mitigation strategies in rice agro-environment: An inclusive insight. <i>Science of the Total Environment</i> , 2021, 800, 149477.	8.0	47
9	Secondary metabolites protect against metal and metalloid stress in rice: an in silico investigation using dehydroascorbate reductase. <i>Acta Physiologiae Plantarum</i> , 2021, 43, 1.	2.1	21
10	Ameliorative effects of <i>Garcinia pedunculata</i> fruit extract on adenine-induced chronic kidney disease in mice, and the role of Garcinol: relevance to hyperuricemia and urolithiasis. <i>Advances in Traditional Medicine</i> , 2020, 20, 255-261.	2.0	2
11	Inhibitory potential of plant secondary metabolites on anti-Parkinsonian drug targets: Relevance to pathophysiology, and motor and non-motor behavioural abnormalities. <i>Medical Hypotheses</i> , 2020, 137, 109544.	1.5	9
12	Suggesting Ritonavir against COVID-19/SARS-CoV-2. <i>Medical Hypotheses</i> , 2020, 140, 109764.	1.5	1
13	An in silico investigation on the inhibitory potential of the constituents of Pomegranate juice on antioxidant defense mechanism: Relevance to neurodegenerative diseases. <i>IBRO Reports</i> , 2019, 6, 153-159.	0.3	34
14	Tea polyphenols as multi-target therapeutics for Alzheimer's disease: An in silico study. <i>Medical Hypotheses</i> , 2019, 125, 94-99.	1.5	25
15	Physiological and Molecular Responses for Metalloid Stress in Rice – A Comprehensive Overview. , 2019, , 341-369.		31
16	Arsenic in Rice: An Overview on Stress Implications, Tolerance and Mitigation Strategies. , 2018, , 401-415.		27
17	Zinc ameliorates copper-induced oxidative stress in developing rice (<i>Oryza sativa</i> L.) seedlings. <i>Protoplasma</i> , 2014, 251, 61-69.	2.1	25
18	Arsenic stress in rice: Redox consequences and regulation by iron. <i>Plant Physiology and Biochemistry</i> , 2014, 80, 203-210.	5.8	110

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19	Aluminum stress inhibits root growth and alters physiological and metabolic responses in chickpea (<i>Cicer arietinum</i> L.). <i>Plant Physiology and Biochemistry</i> , 2014, 85, 63-70.	5.8	31
20	RP-HPLC simultaneous estimation of betulinic acid and ursolic acid in <i>Carissa spinarum</i> . <i>Natural Product Research</i> , 2014, 28, 1926-1928.	1.8	12
21	Reactive oxygen species signaling in plants under abiotic stress. <i>Plant Signaling and Behavior</i> , 2013, 8, e23681.	2.4	527
22	Changes in nitrate reductase activity and oxidative stress response in the moss <i>Polytrichum commune</i> subjected to chromium, copper and zinc phytotoxicity. <i>Brazilian Journal of Plant Physiology</i> , 2005, 17, 191-197.	0.5	50
23	Toxic Effects, Oxidative Stress and Ultrastructural Changes in Moss <i>Taxithelium Nepalense</i> (Schwaegr.) Broth. Under Chromium and Lead Phytotoxicity. <i>Water, Air, and Soil Pollution</i> , 2005, 167, 73-90.	2.4	167
24	Role of lopinavir/ritonavir in the treatment of SARS: initial virological and clinical findings. <i>Thorax</i> , 2004, 59, 252-256.	5.6	1,361