

Chakraborty Dipjyoti

List of Publications by Year in descending order

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34
papers

1,004
citations

840776

11
h-index

552781

26
g-index

34
all docs

34
docs citations

34
times ranked

1612
citing authors

#	ARTICLE	IF	CITATIONS
1	Phenolic acids act as signaling molecules in plant-microbe symbioses. <i>Plant Signaling and Behavior</i> , 2010, 5, 359-368.	2.4	530
2	Proteomic analysis of salicylic acid induced resistance to Mungbean Yellow Mosaic India Virus in <i>Vigna mungo</i> . <i>Journal of Proteomics</i> , 2011, 74, 337-349.	2.4	82
3	Biosorption of cesium-137 and strontium-90 by mucilaginous seeds of <i>Ocimum basilicum</i> . <i>Bioresource Technology</i> , 2007, 98, 2949-2952.	9.6	81
4	Proteomics approach combined with biochemical attributes to elucidate compatible and incompatible plant-virus interactions between <i>Vigna mungo</i> and Mungbean Yellow Mosaic India Virus. <i>Proteome Science</i> , 2013, 11, 15.	1.7	58
5	Regeneration of transformed plants from hairy roots of <i>Plumbago indica</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2010, 102, 109-114.	2.3	45
6	Phenylalanine ammonia-lyase-mediated biosynthesis of 2-hydroxy-4-methoxybenzaldehyde in roots of <i>Hemidesmus indicus</i> . <i>Journal of Plant Physiology</i> , 2008, 165, 1033-1040.	3.5	36
7	Role of exogenous phytohormones on growth and plumbagin accumulation in <i>Plumbago indica</i> hairy roots and conservation of elite root clones via synthetic seeds. <i>Industrial Crops and Products</i> , 2011, 33, 445-450.	5.2	25
8	Fractional changes in phenolic acids composition in root nodules of <i>Arachis hypogaea</i> L.. <i>Plant Growth Regulation</i> , 2008, 55, 159-163.	3.4	22
9	Clonal propagation of <i>Zephyranthes grandiflora</i> using bulbs as explants. <i>Biologia Plantarum</i> , 2010, 54, 793-797.	1.9	16
10	Seed Size Variation: Influence on Germination and Subsequent Seedling Performance in <i>Hyptis suaveolens</i> (Lamiaceae). <i>Research Journal of Seed Science</i> , 2008, 1, 26-33.	0.3	15
11	Use of response surface methodology for optimization of a shoot regeneration protocol in <i>Basilicum polystachyon</i> . <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2010, 46, 451-459.	2.1	14
12	<i>Plasmodium falciparum</i> : In vitro interaction of quassin and neo-quassin with artesunate, a hemisuccinate derivative of artemisinin. <i>Experimental Parasitology</i> , 2010, 124, 421-427.	1.2	12
13	Antibacterial and antidiarrheal activity of <i>Butea Monospermea</i> bark extract against waterborne enterobacter Cloacae in rodents: In-vitro, Ex-vivo and In-Vivo evidences. <i>Journal of Ethnopharmacology</i> , 2019, 241, 112014.	4.1	9
14	HPLC Quantification of Phenolic Acids from <i>Vetiveria zizanioides</i> (L.) Nash and Its Antioxidant and Antimicrobial Activity. <i>Journal of Pharmaceutics</i> , 2013, 2013, 1-6.	4.7	8
15	Developmentally regulated temporal expression and differential acid invertase activity in differentiating cotyledonary explants of mungbean [<i>Vigna radiata</i> (L.) Wilczek]. <i>Plant Cell, Tissue and Organ Culture</i> , 2011, 107, 417-425.	2.3	7
16	An Efficient In-gel Digestion Protocol for Mass Spectral Analysis by MALDI-TOF-MS and MS/MS and Its Use for Proteomic Analysis of <i>Vigna mungo</i> Leaves. <i>Plant Molecular Biology Reporter</i> , 2013, 31, 47-54.	1.8	6
17	Quassinoids: Chemistry and Novel Detection Techniques. , 2013, , 3345-3366.		5
18	Salicylic Acid and Drought Stress Response: Biochemical to Molecular Crosstalk. , 2015, , 247-265.		5

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19	Analysis of Biochemical Responses in Vigna Mungo Varieties Subjected to Drought Stress and Possible Amelioration. International Journal of Scientific Research in Agricultural Sciences, 2014, 1, 6-15.	0.4	5
20	Response of Plants to Salinity Stress and the Role of Salicylic Acid in Modulating Tolerance Mechanisms: Physiological and Proteomic Approach. , 2018, , 103-136.		4
21	Drought stress mitigation in Vigna radiata by the application of root-nodulating bacteria. Plant Science Today, 2017, 4, 209-212.	0.7	4
22	Mass Spectrometric Detection of Phenolic Acids. , 2013, , 2047-2059.		3
23	Induction of nodD Gene in a Betarhizobium Isolate, Cupriavidus sp. of Mimosa pudica, by Root Nodule Phenolic Acids. Current Microbiology, 2016, 72, 733-737.	2.2	3
24	An Improved Protocol for Genomic DNA Isolation from Bryophyte Species. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2019, 89, 823-831.	1.0	3
25	Encapsulation and Regeneration of In Vitro Derived Zephyranthes Grandiflora: An Effective Way for Exchange of Germplasm. Natural Product Communications, 2010, 5, 1934578X1000500.	0.5	1
26	Cross inoculation with beneficial Rhizobium strain promotes plant growth in Vigna mungo. Vegetos, 2019, 32, 223-226.	1.5	1
27	Biochemical response of three Vigna mungo varieties (T9, RBU38 and VM4) under drought stress. Plant Science Today, 2015, 2, 60-64.	0.7	1
28	Bryology in India - Retrospect and Prospects. Plant Science Today, 2015, 2, 123-125.	0.7	1
29	Evaluation of mungbean [Vigna radiata (L.) Wilczek] varieties under water deficit stress. Plant Science Today, 2019, 6, 623-630.	0.7	1
30	Isolation and characterization of Rhizobium sp. from a collar rot tolerant groundnut (Arachis Tj ETQqO 0 0 rgBT /Overlock 10 Tf 50 302	0.7	1
31	Traditional medicinal plants used by tribal communities in Tonk district, Rajasthan. Plant Science Today, 2021, 8, 225-228.	0.7	0
32	An investigation on in vitro propagation of Colchicum luteum and its evaluation of colchicine for the economic benefit of rural people in West Bengal. Planta Medica, 2007, 73, .	1.3	0
33	Isolation and Characterization of Osmotolerant <i>Rhizobium</i> sp. from <i>Vigna mungo</i> (L.) Hepper Grown in Semi-arid Region. Vegetos, 2018, 31, 102.	1.5	0
34	Original article Antimicrobial and antioxidant activity of Coriandrum sativum L.. Annals of Phytomedicine an International Journal, 2019, 8, 135-139.	0.1	0