

Sinchan Adhikari

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

813
citations

623734

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526287

27
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32
all docs

32
docs citations

32
times ranked

1259
citing authors

#	ARTICLE	IF	CITATIONS
1	Fungal diversity notes 491–602: taxonomic and phylogenetic contributions to fungal taxa. <i>Fungal Diversity</i> , 2017, 83, 1-261.	12.3	180
2	RAPD and ISSR based evaluation of genetic stability of micropropagated plantlets of <i>Morus alba</i> L. variety S-1. <i>Meta Gene</i> , 2016, 7, 7-15.	0.6	74
3	Sulfate improves cadmium tolerance by limiting cadmium accumulation, modulation of sulfur metabolism and antioxidant defense system in maize. <i>Environmental and Experimental Botany</i> , 2018, 153, 143-162.	4.2	71
4	Imbalance of redox homeostasis and antioxidant defense status in maize under chromium (VI) stress. <i>Environmental and Experimental Botany</i> , 2020, 169, 103873.	4.2	56
5	Application of molecular markers in plant genome analysis: a review. <i>Nucleus (India)</i> , 2017, 60, 283-297.	2.2	50
6	Assessment of ZnO-NPs toxicity in maize: An integrative microRNAomic approach. <i>Chemosphere</i> , 2020, 249, 126197.	8.2	43
7	Arsenate (AsV) stress response in maize (<i>Zea mays</i> L.). <i>Environmental and Experimental Botany</i> , 2016, 130, 53-67.	4.2	40
8	Efficiency of ISSR marker for characterization of <i>Cymbopogon</i> germplasms and their suitability in molecular barcoding. <i>Plant Systematics and Evolution</i> , 2015, 301, 439-450.	0.9	33
9	Fungal Biodiversity Profiles 21–30. <i>Cryptogamie, Mycologie</i> , 2017, 38, 101-146.	1.0	31
10	Impact of CuO nanoparticles on maize: Comparison with CuO bulk particles with special reference to oxidative stress damages and antioxidant defense status. <i>Chemosphere</i> , 2022, 287, 131911.	8.2	30
11	Regeneration of plantlets through somatic embryogenesis from root derived calli of <i>Hibiscus sabdariffa</i> L. (Roselle) and assessment of genetic stability by flow cytometry and ISSR analysis. <i>PLoS ONE</i> , 2018, 13, e0202324.	2.5	28
12	Insights into the miRNA-mediated response of maize leaf to arsenate stress. <i>Environmental and Experimental Botany</i> , 2017, 137, 96-109.	4.2	27
13	Assessment of genetic stability of <i>Cucumis sativus</i> L. regenerated from encapsulated shoot tips. <i>Scientia Horticulturae</i> , 2014, 170, 115-122.	3.6	22
14	Comparative analysis of maize root sRNA transcriptome unveils the regulatory roles of miRNAs in submergence stress response mechanism. <i>Environmental and Experimental Botany</i> , 2020, 171, 103924.	4.2	20
15	Evaluation of subculture ages on organogenic response from root callus and SPAR based genetic fidelity assessment in the regenerants of <i>Hibiscus sabdariffa</i> L.. <i>Industrial Crops and Products</i> , 2019, 135, 321-329.	5.2	14
16	A high throughput DNA extraction method from chemotypically heterogeneous plant species. <i>Protocol Exchange</i> , 0, , .	0.3	12
17	Effects of plant growth regulators on efficient plant regeneration efficiency and genetic stability analysis from two <i>Ocimum tenuiflorum</i> L. morphotypes. <i>Rendiconti Lincei</i> , 2016, 27, 609-628.	2.2	10
18	Identification and Validation of a New Male Sex-Specific ISSR Marker in Pointed Gourd (<i>Trichosanthes dioica</i> Roxb.). <i>Scientific World Journal</i> , The, 2014, 2014, 1-6.	2.1	9

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19	First report of <i>Pterygellus</i> from Rajmahal hills of Jharkhand (India) and its relation to <i>Craterellus</i> (Hydnaceae, Cantharellales). <i>Phytotaxa</i> , 2017, 306, 201.	0.3	9
20	Contribution of plant miRNAome studies towards understanding heavy metal stress responses: Current status and future perspectives. <i>Environmental and Experimental Botany</i> , 2022, 194, 104705.	4.2	9
21	Hormonal control of sex expression of cucumber (<i>Cucumis sativus</i> L.) with the identification of sex linked molecular marker. <i>Nucleus (India)</i> , 2012, 55, 115-122.	2.2	7
22	A new species of porcini mushroom from India with morphology and phylogeny. <i>Nova Hedwigia</i> , 2017, 105, 197-204.	0.4	7
23	A novel species of <i>Russula</i> (Russulaceae) from Indian Himalaya. <i>Mycosphere</i> , 2016, 7, 778-785.	6.1	7
24	SPAR methods reveal high genetic diversity within populations and moderate gene flow of pointed gourd (<i>Trichosanthes dioica</i> Roxb.) germplasm. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 29, 101760.	3.1	5
25	Ocimum Phytochemicals and Their Potential Impact on Human Health. , 0, , .		4
26	Randomly primed improved PCR approach for genetic characterization and identification of <i>Cymbopogon</i> germplasms. <i>Rendiconti Lincei</i> , 2017, 28, 379-392.	2.2	3
27	A preliminary report on the genetic variation in pointed gourd (<i>Trichosanthes dioica</i> Roxb.) as assessed by random amplified polymorphic DNA. <i>Acta Biologica Hungarica</i> , 2014, 65, 156-164.	0.7	2
28	<i>Lactifluus rajendrae</i> sp. nov. (Russulaceae) from India. <i>Phytotaxa</i> , 2016, 278, 257.	0.3	2
29	Profiling of BABA-induced differentially expressed genes of <i>Zea mays</i> using suppression subtractive hybridization. <i>RSC Advances</i> , 2017, 7, 43849-43865.	3.6	2
30	Efficiency and reliability of random DNA markers (RDMs) for evaluation of genetic variability and relationship in <i>Ocimum</i> accessions. <i>Plant Gene</i> , 2020, 23, 100241.	2.3	2
31	Morphology and phylogeny reveal two new records of boletoid mushrooms for the Indian mycobiota. <i>Tropical Plant Research</i> , 2017, 4, 62-70.	0.4	2
32	AFLP-based assessment of genetic variation in certain Indian elite cultivars of <i>Cymbopogon</i> species. <i>Journal of Applied Research on Medicinal and Aromatic Plants</i> , 2022, 29, 100372.	1.5	2