

Deepu Mathew

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

319
citations

1163117

8
h-index

940533

16
g-index

53
all docs

53
docs citations

53
times ranked

363
citing authors

#	ARTICLE	IF	CITATIONS
1	Turned on by heat: differential expression of FT and LFY-like genes in <i>Narcissus tazetta</i> during floral transition. <i>Journal of Experimental Botany</i> , 2013, 64, 3273-3284.	4.8	40
2	Perspectives on plant flavonoid quercetin-based drugs for novel SARS-CoV-2. <i>Beni-Suef University Journal of Basic and Applied Sciences</i> , 2021, 10, 21.	2.0	40
3	Plant Phenolics Ferulic Acid and P-Coumaric Acid Inhibit Colorectal Cancer Cell Proliferation through EGFR Down-Regulation. <i>Asian Pacific Journal of Cancer Prevention</i> , 2016, 17, 4019-23.	1.2	29
4	Effect of long photoperiod on the reproductive and bulbing processes in garlic (<i>Allium sativum</i> L.) genotypes. <i>Environmental and Experimental Botany</i> , 2011, 71, 166-173.	4.2	28
5	An environmentally friendly and cost effective technique for the commercial cultivation of oyster mushroom [<i>Pleurotus florida</i> (Mont.) Singer]. <i>Journal of the Science of Food and Agriculture</i> , 2013, 93, 973-976.	3.5	22
6	Genome-Wide Association Study and Pathway-Level Analysis of Kernel Color in Maize. <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 1945-1955.	1.8	20
7	Identification of allele specific AFLP markers linked with bacterial wilt [<i>Ralstonia solanacearum</i> (Smith) Yabuuchi et Al.] resistance in hot peppers (<i>Capsicum annum</i> L.). <i>Physiological and Molecular Plant Pathology</i> , 2014, 87, 19-24.	2.5	15
8	Chloroplast gene matK holds the barcodes for identification of <i>Momordica</i> (Cucurbitaceae) species from Indian subcontinent. <i>Horticultural Plant Journal</i> , 2022, 8, 89-98.	5.0	9
9	A new subspecies of <i>Momordica cochinchinensis</i> (Cucurbitaceae) from Andaman Islands, India. <i>Genetic Resources and Crop Evolution</i> , 2018, 65, 103-112.	1.6	8
10	Variability of <i>Pectobacterium carotovorum</i> causing rhizome rot in banana. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 17, 60-81.	3.1	8
11	Analysis of QTL Bw1 and marker CAMS451 associated with the bacterial wilt resistance in hot pepper (<i>Capsicum annum</i> L.). <i>Plant Gene</i> , 2020, 24, 100260.	2.3	8
12	Isovaleric acid and avicequinone-C are Chikungunya virus resistance principles in <i>Glycosmis pentaphylla</i> (Retz.) Correa. <i>Journal of Vector Borne Diseases</i> , 2019, 56, 111.	0.4	8
13	Novel Antidiabetic Molecules from the Medicinal Plants of Western Ghats of India, Identified Through Wide-Spectrum <i>in Silico</i> Analyses. <i>Journal of Herbs, Spices and Medicinal Plants</i> , 2017, 23, 249-262.	1.1	7
14	Next-generation sequencing reveals endosymbiont variability in cassava whitefly, <i>Bemisia tabaci</i> , across the agro-ecological zones of Kerala, India. <i>Genome</i> , 2019, 62, 571-584.	2.0	6
15	Wide variability among the "Mauritius" somaclones demonstrates somaclonal variation as a promising improvement strategy in pineapple (<i>Ananas comosus</i> L.). <i>Plant Cell, Tissue and Organ Culture</i> , 2021, 145, 701-705.	2.3	6
16	Identification and confirmation of trailing-type vegetable cowpea resistance to anthracnose. <i>Tropical Plant Pathology</i> , 2015, 40, 169-175.	1.5	5
17	Antioxidant activity of erlotinib and gefitinib: theoretical and experimental insights. <i>Free Radical Research</i> , 2022, 56, 196-208.	3.3	5
18	Development of CGMS system in ridge gourd [<i>Luffa acutangula</i> (Roxb.) L.] for production of F1 hybrids. <i>Euphytica</i> , 2018, 214, 1.	1.2	4

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19	Formulation of Flowering Index, Morphological Relationships, and Yield Prediction System in True Garlic Aerial Seed Bulbil Production. Hortscience: A Publication of the American Society for Horticultural Science, 2005, 40, 2036-2039.	1.0	4
20	Symptomatology of Sigatoka leaf spot disease in banana landraces and identification of its pathogen as <i>Mycosphaerella eumusae</i> . Journal of the Saudi Society of Agricultural Sciences, 2022, 21, 278-287.	1.9	4
21	A universal system for mat K gene based diagnostic markers to identify the species in Cucurbitaceae. Indian Journal of Horticulture, 2020, 77, 733-735.	0.1	4
22	Two decades of omics in bacterial wilt resistance in Solanaceae, what we learned?. Plant Stress, 2022, 5, 100099.	5.5	4
23	Identifying the markers and tagging a leucine-rich repeat receptor-like kinase gene for resistance to anthracnose disease in vegetable cowpea [<i>Vigna unguiculata</i> (L.) Walp.]. Journal of Horticultural Science and Biotechnology, 2018, 93, 225-231.	1.9	3
24	Genome-wide microsatellites and species specific markers in genus <i>Phytophthora</i> revealed through whole genome analysis. 3 Biotech, 2020, 10, 442.	2.2	3
25	Analysis of simple sequence repeat (SSR) polymorphism between N22 and Uma rice varieties for marker assisted selection. Electronic Journal of Plant Breeding, 2018, 9, 511.	0.1	3
26	Draft genome of <i>Meyerozyma guilliermondii</i> strain vka1: a yeast strain with composting potential. Journal of Genetic Engineering and Biotechnology, 2020, 18, 54.	3.3	3
27	Molecular analysis of aroma gene (BADH2) in Biriyanchiseera: a tropical aromatic rice genotype from Kerala, India. Molecular Biology Reports, 2022, 49, 3149-3155.	2.3	3
28	Therapeutic molecules for multiple human diseases identified from pigeon pea (<i>Cajanus cajan</i> L.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	4.9	2
29	A comparative proteome assay on the quality of yardlong bean pods as influenced by the organic and inorganic nourishment systems. Acta Physiologiae Plantarum, 2017, 39, 1.	2.1	2
30	Comparative transcriptome analysis reveals the signal proteins and defence genes conferring foot rot (<i>Phytophthora capsici</i> sp. nov.) resistance in black pepper (<i>Piper nigrum</i> L.). Physiological and Molecular Plant Pathology, 2019, 108, 101436.	2.5	2
31	First report of Candidatus <i>Phytoplasma cynodontis</i> (16SrXIV-A subgroup) associated with cauliflower phyllody and flat stem in India. Plant Disease, 2021, , .	1.4	2
32	MangoDB:A Database of Mango Varieties and Landraces of the Indian Subcontinent. Current Science, 2018, 114, 2022.	0.8	2
33	Potential of Microrhizomes for In Vitro Gingerol and Shogaol Synthesis in Ginger (<i>Zingiber officinale</i>) Tj ETQq1 1 0.784314 rgBT /Overlock	1.0	2
34	Microsatellite and inter-microsatellite markers linked with resistance to vascular streak dieback in cocoa (<i>Theobroma cacao</i> L.). Journal of Horticultural Science and Biotechnology, 2020, 95, 294-302.	1.9	1
35	Cloning and characterization of Myo-inositol phosphate synthase gene (dlMIPS) and analysis of the putative structure of the enzyme responsible for the accumulation of anti-nutrient phytate in dolichos bean (<i>Dolichos lablab</i> L.). Plant Physiology Reports, 2020, 25, 370-375.	1.5	1
36	Chemical Desuckering as a Means for Enhanced Yield Realization in Plantain (Cv. Nenthran). SSRN Electronic Journal, 0, , .	0.4	1

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37	Candidate markers assay for <i>Capsicum</i> pungency. Indian Journal of Horticulture, 2019, 76, 539.	0.1	1
38	Molecular Biology of Flowering in Plants. SSRN Electronic Journal, 0, , .	0.4	1
39	Genome-wide mining of potentially-hypervariable microsatellites and validation of markers in <i>Momordica charantia</i> L.. Genetica, 2022, 150, 77-85.	1.1	1
40	Development of transgenic okra (<i>Abelmoschus esculentus</i> L. Moench) lines having RNA mediated resistance to Yellow vein mosaic virus (Geminiviridae). Journal of Virological Methods, 2022, 301, 114457.	2.1	1
41	Draft genome of <i>Gongronella butleri</i> reveals the genes contributing to its biodegradation potential. Journal of Genetic Engineering and Biotechnology, 2022, 20, 74.	3.3	1
42	SNOWFLAKE (<i>LEUCOJUM AESTIVUM</i> L.): INTRABULB FLOROGENESIS AND FORCING FOR EARLY FLOWERING. Acta Horticulturae, 2011, , 225-231.	0.2	0
43	Base banding technique for the management of mistletoes (<i>Loranthus falcatus</i> L. f. and <i>L. utui</i> Molina) from perennial fruit trees. Archives of Phytopathology and Plant Protection, 2013, 46, 29-38.	1.3	0
44	First report of leaf blight of yardlong bean caused by <i>Diaporthe tectonae</i> in India. Journal of Plant Pathology, 2021, 103, 1069-1070.	1.2	0
45	Morphological, symptomatological and molecular characterization of <i>Enterobacter cloacae</i> causing bacterial wilt in African marigold (<i>Tagetes erecta</i> L.). Indian Phytopathology, 2022, 75, 279-285.	1.2	0
46	First report of stem gall in papaya caused by <i>Pantoea dispersa</i> . Archives of Phytopathology and Plant Protection, 2021, 54, 2101-2109.	1.3	0
47	Book of Abstracts "National Seminar on GM Crops: Prospects and Issues. SSRN Electronic Journal, 0, , .	0.4	0
48	Genetic interrelationship among cowpea varieties elucidated through morphometric, RAPD and SSR analyses. Legume Research, 2016, , .	0.1	0
49	Production Technology for In Vitro Induced Micro-rhizomes of Ginger in High-Tech Poly-house. SSRN Electronic Journal, 0, , .	0.4	0
50	Candidate Molecular Markers for Monoecy in Dioecious Tree Spice Nutmeg (<i>Myristica</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22 2018, 114, 23.	0.8	0
51	Novel MicroRNAs and their Functional Targets from <i>Phytophthora infestans</i> and <i>Phytophthora cinnamomi</i> . Current Genomics, 2022, 23, 41-49.	1.6	0
52	First report of fruit rot of jackfruit caused by <i>Athelia rolfsii</i> in India. , 0, , .		0