

Smitha G R

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,505
citations

361413

20
h-index

315739

38
g-index

50
all docs

50
docs citations

50
times ranked

2188
citing authors

#	ARTICLE	IF	CITATIONS
1	Extractive determination of bioactive flavonoids from butterfly pea (<i>Clitoria ternatea</i> Linn.). <i>Research on Chemical Intermediates</i> , 2017, 43, 783-799.	2.7	16
2	Effect of extraction methods on yield, phytochemical constituents and antioxidant activity of <i>Withania somnifera</i> . <i>Arabian Journal of Chemistry</i> , 2017, 10, S1193-S1199.	4.9	299
3	Evaluation and Comparison of the In Vitro Cytotoxic Activity of <i>Withania somnifera</i> Methanolic and Ethanolic Extracts against MDA-MB-231 and Vero Cell Lines. <i>Scientia Pharmaceutica</i> , 2016, 84, 41-59.	2.0	23
4	Influence of imazethapyr and quizalofop-p-ethyl application on microbial biomass and enzymatic activity in peanut grown soil. <i>Environmental Science and Pollution Research</i> , 2016, 23, 23758-23771.	5.3	20
5	LC-ESI-MS/MS Method for Simultaneous Determination of Triterpenoid Glycosides and Aglycones in <i>Centella asiatica</i> L.. <i>Chromatographia</i> , 2016, 79, 727-739.	1.3	21
6	Validation of a QuEChERS-based gas chromatographic method for analysis of pesticide residues in <i>Cassia angustifolia</i> (senna). <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2016, 51, 508-518.	1.5	11
7	Multilocation field trials for risk assessment of a combination fungicide Fluopicolide + Propamocarb in tomato. <i>Environmental Monitoring and Assessment</i> , 2016, 188, 604.	2.7	9
8	Influence on yield and quality of fennel (<i>Foeniculum vulgare</i> Mill.) grown under semi-arid saline soil, due to application of native phosphate solubilizing rhizobacterial isolates. <i>Ecological Engineering</i> , 2016, 97, 327-333.	3.6	36
9	Seasonal variation in the essential oils extracted from leaves and inflorescence of different <i>Ocimum</i> species grown in Western plains of India. <i>Industrial Crops and Products</i> , 2016, 94, 52-64.	5.2	21
10	Enzymatic activities and microbial biomass in peanut field soil as affected by the foliar application of tebuconazole. <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	29
11	Varietal Discrimination and Genetic Variability Analysis of <i>Cymbopogon</i> Using RAPD and ISSR Markers Analysis. <i>Applied Biochemistry and Biotechnology</i> , 2016, 179, 659-670.	2.9	20
12	Potentiality of Indian rock phosphate as liming material in acid soil. <i>Geoderma</i> , 2016, 263, 104-109.	5.1	37
13	Preliminary Investigations on Identification and Evaluation of Early and Dwarf Lines of Ney Poovan Banana (<i>Musa AB</i>) for Commercial Scale Utilization. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2016, 86, 673-683.	1.0	1
14	Effect of seed moisture content, temperature and storage period on seed germination of <i>Saraca asoca</i> -An endangered medicinal plant. <i>Medicinal Plants - International Journal of Phytomedicines and Related Industries</i> , 2016, 8, 60.	0.2	4
15	Organic nutrition of <i>Chlorophytum borivilianum</i> for higher yield, quality and soil properties. <i>Indian Journal of Horticulture</i> , 2016, 73, 104.	0.1	0
16	Next Generation Sequencing and Transcriptome Analysis Predicts Biosynthetic Pathway of Sennosides from Senna (<i>Cassia angustifolia</i> Vahl.), a Non-Model Plant with Potent Laxative Properties. <i>PLoS ONE</i> , 2015, 10, e0129422.	2.5	58
17	Genetic diversity and association mapping of bacterial blight and other horticulturally important traits with microsatellite markers in pomegranate from India. <i>Molecular Genetics and Genomics</i> , 2015, 290, 1393-1402.	2.1	45
18	Variations in essential oil yield, geraniol and geranyl acetate contents in palmarosa (<i>Cymbopogon</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Products, 2015, 66, 150-160.	5.2	32

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19	Key Phenological Events, their Practical Implications and Effect of Bunch Age on Physico-Chemical and Postharvest Attributes in Ney Poovan Banana (Musa AB). <i>Erwerbs-Obstbau</i> , 2015, 57, 13-22.	1.3	1
20	Exploitation of Nano-Bentonite, Nano-Halloysite and Organically Modified Nano-Montmorillonite as an Adsorbent and Coagulation Aid for the Removal of Multi-Pesticides from Water: A Sorption Modelling Approach. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	2.4	22
21	The Effect of Viral Infection on Essential Oil Content, Chemical Composition and Biomass Yield of Mentha cultivars. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2015, 18, 389-397.	1.9	5
22	Residues and contaminants in medicinal herbs – A review. <i>Phytochemistry Letters</i> , 2015, 14, 67-78.	1.2	118
23	Behaviour of pendimethalin and oxyfluorfen in peanut field soil: effects on soil biological and biochemical activities. <i>Chemistry and Ecology</i> , 2015, 31, 550-566.	1.6	17
24	Accumulation of Three Important Bioactive Compounds in Different Plant Parts of Withania somnifera and its Determination by the LC-ESI-MS-MS (MRM) Method. <i>Journal of Chromatographic Science</i> , 2015, 53, 1749-1756.	1.4	13
25	Properties of bacterial laccases and their application in bioremediation of industrial wastes. <i>Environmental Sciences: Processes and Impacts</i> , 2015, 17, 326-342.	3.5	202
26	Simultaneous analysis of herbicides pendimethalin, oxyfluorfen, imazethapyr and quizalofop-p-ethyl by LC-MS/MS and safety evaluation of their harvest time residues in peanut (<i>Arachis hypogaea</i> L.). <i>Journal of Food Science and Technology</i> , 2015, 52, 4001-4014.	2.8	27
27	Mobilization of potassium from waste mica by potassium-solubilizing bacteria (<i>Bacillus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 conditions. <i>Journal of Agricultural Economics</i> , 2015, , .	0.3	3
28	Improvement in keeping quality of pomegranate fruits during storage. <i>Research on Crops</i> , 2015, 16, 281.	0.1	1
29	Removal of Poly Aromatic Hydrocarbons (PAHs) from Water: Effect of Nano and Modified Nano-clays as a Flocculation Aid and Adsorbent in Coagulation-flocculation Process. <i>Polycyclic Aromatic Compounds</i> , 2014, 34, 452-467.	2.6	23
30	Simultaneous Removal of Pesticides from Water by Rice Husk Ash: Batch and Column Studies. <i>Water Environment Research</i> , 2014, 86, 2176-2185.	2.7	20
31	Detection and validation of stay-green QTL in post-rainy sorghum involving widely adapted cultivar, M35-1 and a popular stay-green genotype B35. <i>BMC Genomics</i> , 2014, 15, 909.	2.8	77
32	Web-based networking of herbal gardens for exchange of planting material. <i>Computers and Electronics in Agriculture</i> , 2014, 103, 26-32.	7.7	2
33	Assessment of genetic diversity in <i>Clitoria ternatea</i> populations from different parts of India by RAPD and ISSR markers. <i>Genetic Resources and Crop Evolution</i> , 2014, 61, 1597-1609.	1.6	18
34	Simultaneous removal of multiple pesticides from water: Effect of organically modified clays as coagulant aid and adsorbent in coagulation-flocculation process. <i>Environmental Technology (United Kingdom)</i> , 2014, 35, 2619-2627.	2.2	26
35	Variation in bioactive content in <i>Andrographis paniculata</i> at different growth stages. <i>Medicinal Plants - International Journal of Phytomedicines and Related Industries</i> , 2014, 6, 53.	0.2	0
36	Removal of Mixed Pesticides from Aqueous Solutions using Organoclays: Evaluation of Equilibrium and Kinetic Model. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2013, 91, 111-116.	2.7	21

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37	Characterization of mode of reproduction in <i>Commiphora wightii</i> [(Arnot) Bhandari] reveals novel pollen-pistil interaction and occurrence of obligate sexual female plants. <i>Trees - Structure and Function</i> , 2013, 27, 567-581.	1.9	11
38	Effect of light intensity on photosynthesis and accumulation of sennosides in plant parts of senna (<i>Cassia angustifolia</i> Vahl.). <i>Indian Journal of Plant Physiology</i> , 2013, 18, 285-289.	0.8	7
39	A novel pathovar of <i>Xanthomonas axonopodis</i> causes gumming of Guggal (<i>Commiphora wightii</i>). <i>European Journal of Plant Pathology</i> , 2013, 135, 115-125.	1.7	11
40	Development of a cost-effective, palatable and shelf-stable blended beverage of pummelo (<i>Citrus</i>) Tj ETQq0 0 0 ggBT /Overlock 10 Tf 0.4	0.4	3
41	Simultaneous determination of marmin, skimmianine, umbelliferone, psoralene, and imperatorin in the root bark of <i>Aegle marmelos</i> by high-performance thin-layer chromatography. <i>Journal of Planar Chromatography - Modern TLC</i> , 2012, 25, 306-313.	1.2	6
42	Morphological, anatomical and molecular investigation into witches' broom disease of mamejvo (<i>Enicostemma axillare</i>). <i>Phytoparasitica</i> , 2012, 40, 445-450.	1.2	4
43	Persistence and Dissipation Kinetics of Deltamethrin on Chili in Different Agro-Climatic Zones of India. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2012, 88, 764-768.	2.7	6
44	Assessment of flubendiamide residues in pigeon pea in different agro-climatic zones of India. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 4267-4270.	2.7	7
45	Identification of sex-specific DNA markers in betel vine (<i>Piper betle</i> L.). <i>Genetic Resources and Crop Evolution</i> , 2012, 59, 645-653.	1.6	16
46	Identification and assessment of genetic relationships in three <i>Chlorophytum</i> species and two high yielding genotypes of <i>C. borivilianum</i> through RAPD markers. <i>Biologia (Poland)</i> , 2011, 66, 244-250.	1.5	3
47	DSETHVASAN: A NOVEL NANODRUG AGAINST SLEEPING SICKNESS. <i>International Journal of Nanoscience</i> , 2011, 10, 187-192.	0.7	0
48	Co-inoculation of potassium solubilizing and nitrogen fixing bacteria on solubilization of waste mica and their effect on growth promotion and nutrient acquisition by a forage crop. <i>Biology and Fertility of Soils</i> , 2010, 46, 641-648.	4.3	111
49	An assessment of genetic fidelity of micropropagated plants of <i>Chlorophytum borivilianum</i> using RAPD markers. <i>Biologia Plantarum</i> , 2010, 54, 334-338.	1.9	24
50	Green synthesis of 5-substituted-1,3,4-thiadiazole-2-thiols as new potent nitrification inhibitors. <i>Journal of Heterocyclic Chemistry</i> , 2010, 47, 838-845.	2.6	18