Smitha G R

List of Publications by Year in descending order

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papers cita	tions h-	index	38 g-index
	50 citations time	50 es ranked citi	2188 ng authors

#	Article	lF	CITATIONS
1	Effect of extraction methods on yield, phytochemical constituents and antioxidant activity of Withania somnifera. Arabian Journal of Chemistry, 2017, 10, S1193-S1199.	4.9	299
2	Properties of bacterial laccases and their application in bioremediation of industrial wastes. Environmental Sciences: Processes and Impacts, 2015, 17, 326-342.	3.5	202
3	Residues and contaminants in medicinal herbsâ€"A review. Phytochemistry Letters, 2015, 14, 67-78.	1.2	118
4	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. Biology and Fertility of Soils, 2010, 46, 641-648.	4.3	111
5	Detection and validation of stay-green QTL in post-rainy sorghum involving widely adapted cultivar, M35-1 and a popular stay-green genotype B35. BMC Genomics, 2014, 15, 909.	2.8	77
6	Next Generation Sequencing and Transcriptome Analysis Predicts Biosynthetic Pathway of Sennosides from Senna (Cassia angustifolia Vahl.), a Non-Model Plant with Potent Laxative Properties. PLoS ONE, 2015, 10, e0129422.	2.5	58
7	Genetic diversity and association mapping of bacterial blight and other horticulturally important traits with microsatellite markers in pomegranate from India. Molecular Genetics and Genomics, 2015, 290, 1393-1402.	2.1	45
8	Potentiality of Indian rock phosphate as liming material in acid soil. Geoderma, 2016, 263, 104-109.	5.1	37
9	Influence on yield and quality of fennel (Foeniculum vulgare Mill.) grown under semi-arid saline soil, due to application of native phosphate solubilizing rhizobacterial isolates. Ecological Engineering, 2016, 97, 327-333.	3.6	36
10	Variations in essential oil yield, geraniol and geranyl acetate contents in palmarosa (Cymbopogon) Tj ETQq0 0 C Products, 2015, 66, 150-160.	rgBT /Ove 5.2	erlock 10 Tf 50 32
11	Enzymatic activities and microbial biomass in peanut field soil as affected by the foliar application of tebuconazole. Environmental Earth Sciences, 2016, 75, 1.	2.7	29
12	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 (Arachis hypogaea L.). Journal of Food Science and Technology, 2015, 52, 4001-4014.	2.8	27
13	Simultaneous removal of multiple pesticides from water: Effect of organically modified clays as coagulant aid and adsorbent in coagulation–flocculation process. Environmental Technology (United Kingdom), 2014, 35, 2619-2627.	2.2	26
14	An assessment of genetic fidelity of micropropagated plants of Chlorophytum borivilianum using RAPD markers. Biologia Plantarum, 2010, 54, 334-338.	1.9	24
15	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. Polycyclic Aromatic Compounds, 2014, 34, 452-467.	2.6	23
16	Evaluation and Comparison of the In Vitro Cytotoxic Activity of Withania somnifera Methanolic and Ethanolic Extracts against MDA-MB-231 and Vero Cell Lines. Scientia Pharmaceutica, 2016, 84, 41-59.	2.0	23
17	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. Water, Air, and Soil Pollution, 2015, 226, 1.	2.4	22
18	Removal of Mixed Pesticides from Aqueous Solutions using Organoclays: Evaluation of Equilibrium and Kinetic Model. Bulletin of Environmental Contamination and Toxicology, 2013, 91, 111-116.	2.7	21

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19	LC-ESI-MS/MS Method for Simultaneous Determination of Triterpenoid Glycosides and Aglycones in Centella asiatica L Chromatographia, 2016, 79, 727-739.	1.3	21
20	Seasonal variation in the essential oils extracted from leaves and inflorescence of different Ocimum species grown in Western plains of India. Industrial Crops and Products, 2016, 94, 52-64.	5.2	21
21	Simultaneous Removal of Pesticides from Water by Rice Husk Ash: Batch and Column Studies. Water Environment Research, 2014, 86, 2176-2185.	2.7	20
22	Influence of imazethapyr and quizalofop-p-ethyl application on microbial biomass and enzymatic activity in peanut grown soil. Environmental Science and Pollution Research, 2016, 23, 23758-23771.	5. 3	20
23	Varietal Discrimination and Genetic Variability Analysis of Cymbopogon Using RAPD and ISSR Markers Analysis. Applied Biochemistry and Biotechnology, 2016, 179, 659-670.	2.9	20
24	Green synthesis of 5â€substitutedâ€1,3,4â€thiadiazoleâ€2â€thiols as new potent nitrification inhibitors. Journal of Heterocyclic Chemistry, 2010, 47, 838-845.	2.6	18
25	Assessment of genetic diversity in Clitoria ternatea populations from different parts of India by RAPD and ISSR markers. Genetic Resources and Crop Evolution, 2014, 61, 1597-1609.	1.6	18
26	Behaviour of pendimethalin and oxyfluorfen in peanut field soil: effects on soil biological and biochemical activities. Chemistry and Ecology, 2015, 31, 550-566.	1.6	17
27	Identification of sex-specific DNA markers in betel vine (Piper betle L.). Genetic Resources and Crop Evolution, 2012, 59, 645-653.	1.6	16
28	Extractive determination of bioactive flavonoids from butterfly pea (Clitoria ternatea Linn.). Research on Chemical Intermediates, 2017, 43, 783-799.	2.7	16
29	Accumulation of Three Important Bioactive Compounds in Different Plant Parts of Withania somnifera and its Determination by the LC–ESI-MS-MS (MRM) Method. Journal of Chromatographic Science, 2015, 53, 1749-1756.	1.4	13
30	Characterization of mode of reproduction in Commiphora wightii [(Arnot) Bhandari] reveals novel pollenâ€"pistil interaction and occurrence of obligate sexual female plants. Trees - Structure and Function, 2013, 27, 567-581.	1.9	11
31	A novel pathovar of Xanthomonas axonopodis causes gumming of Guggal (Commiphora wightii). European Journal of Plant Pathology, 2013, 135, 115-125.	1.7	11
32	Validation of a QuEChERS-based gas chromatographic method for analysis of pesticide residues inCassia angustifolia(senna). Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2016, 51, 508-518.	1.5	11
33	Multilocation field trials for risk assessment of a combination fungicide Fluopicolide + Propamocarb in tomato. Environmental Monitoring and Assessment, 2016, 188, 604.	2.7	9
34	Assessment of flubendiamide residues in pigeon pea in different agro-climatic zones of India. Environmental Monitoring and Assessment, 2012, 184, 4267-4270.	2.7	7
35	Effect of light intensity on photosynthesis and accumulation of sennosides in plant parts of senna (Cassia angustifolia Vahl.). Indian Journal of Plant Physiology, 2013, 18, 285-289.	0.8	7
36	Simultaneous determination of marmin, skimmianine, umbelliferone, psoralene, and imperatorin in the root bark of <i>Aegle marmelos </i> by high-performance thin-layer chromatography. Journal of Planar Chromatography - Modern TLC, 2012, 25, 306-313.	1,2	6

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37	Persistence and Dissipation Kinetics of Deltamethrin on Chili in Different Agro-Climatic Zones of India. Bulletin of Environmental Contamination and Toxicology, 2012, 88, 764-768.	2.7	6
38	The Effect of Viral Infection on Essential Oil Content, Chemical Composition and Biomass Yield of Menthacultivars. Journal of Essential Oil-bearing Plants: JEOP, 2015, 18, 389-397.	1.9	5
39	Morphological, anatomical and molecular investigation into witches' broom disease of mamejvo (Enicostemma axillare). Phytoparasitica, 2012, 40, 445-450.	1.2	4
40	Effect of seed moisture content, temperature and storage period on seed germination of Saraca asoca -An endangered medicinal plant. Medicinal Plants - International Journal of Phytomedicines and Related Industries, 2016, 8, 60.	0.2	4
41	Identification and assessment of genetic relationships in three Chlorophytum species and two high yielding genotypes of C. borivilianum through RAPD markers. Biologia (Poland), 2011, 66, 244-250.	1.5	3
42	Development of a cost-effective, palatable and shelf-stable blended beverage of pummelo (<i>Citrus) Tj ETQq0 0 0</i>) rgBT /Ove	eglock 10 Tf
43	Mobilization of potassium from waste mica by potassium-solubilizing bacteria (Bacillus) Tj ETQq1 1 0.784314 rgB conditions. Journal of Agricultural Economics, 2015, , .	T /Overlocl 0.3	k 10 Tf 50 5 3
44	Web-based networking of herbal gardens for exchange of planting material. Computers and Electronics in Agriculture, 2014, 103, 26-32.	7.7	2
45	Key Phenological Events, their Practical Implications and Effect of Bunch Age on Physico-Chemical and Postharvest Attributes in Ney Poovan Banana (Musa AB). Erwerbs-Obstbau, 2015, 57, 13-22.	1.3	1
46	Preliminary Investigations on Identification and Evaluation of Early and Dwarf Lines of Ney Poovan Banana (Musa AB) for Commercial Scale Utilization. Proceedings of the National Academy of Sciences India Section B - Biological Sciences, 2016, 86, 673-683.	1.0	1
47	Improvement in keeping quality of pomegranate fruits during storage. Research on Crops, 2015, 16, 281.	0.1	1
48	DSETHVASAN: A NOVEL NANODRUG AGAINST SLEEPING SICKNESS. International Journal of Nanoscience, 2011, 10, 187-192.	0.7	0
49	Variation in bioactive content inAndrographis paniculatanees at different growth stages. Medicinal Plants - International Journal of Phytomedicines and Related Industries, 2014, 6, 53.	0.2	O
50	Organic nutrition of Chlorophytum borivilianum for higher yield, quality and soil properties. Indian Journal of Horticulture, 2016, 73, 104.	0.1	0