

# 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	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
2	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
3	Residues and contaminants in medicinal herbs—A review. <i>Phytochemistry Letters</i> , 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. <i>Biology and Fertility of Soils</i> , 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. <i>BMC Genomics</i> , 2014, 15, 909.	2.8	77
6	Next Generation Sequencing and Transcriptome Analysis Predicts Biosynthetic Pathway of Sennosides from <i>Senna</i> ( <i>Cassia angustifolia</i> Vahl.), a Non-Model Plant with Potent Laxative Properties. <i>PLoS ONE</i> , 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. <i>Molecular Genetics and Genomics</i> , 2015, 290, 1393-1402.	2.1	45
8	Potentiality of Indian rock phosphate as liming material in acid soil. <i>Geoderma</i> , 2016, 263, 104-109.	5.1	37
9	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
10	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
11	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
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 ( <i>Arachis hypogaea</i> L.). <i>Journal of Food Science and Technology</i> , 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. <i>Environmental Technology (United Kingdom)</i> , 2014, 35, 2619-2627.	2.2	26
14	An assessment of genetic fidelity of micropropagated plants of <i>Chlorophytum borivillanum</i> using RAPD markers. <i>Biologia Plantarum</i> , 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. <i>Polycyclic Aromatic Compounds</i> , 2014, 34, 452-467.	2.6	23
16	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
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. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	2.4	22
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	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
27	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
28	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
29	Accumulation of Three Important Bioactive Compounds in Different Plant Parts of <i>Withania somnifera</i> and its Determination by the LC-ESI-MS-MS (MRM) Method. <i>Journal of Chromatographic Science</i> , 2015, 53, 1749-1756.	1.4	13
30	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
31	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
32	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
33	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
34	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
35	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
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. <i>Journal of Planar Chromatography - Modern TLC</i> , 2012, 25, 306-313.	1.2	6

