

Venkataramana R Pidatala

List of Publications by Year in descending order

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737
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated Metabolomic and Proteomic Approaches Dissect the Effect of Metal-Resistant Bacteria on Maize Biomass and Copper Uptake. <i>Environmental Science & Technology</i> , 2014, 48, 1184-1193.	4.6	69
2	PHYTOREMEDIATION POTENTIAL OF VETIVER GRASS [<i>CHRYSOPOGON ZIZANIOIDES</i> (L.)] FOR TETRACYCLINE. <i>International Journal of Phytoremediation</i> , 2013, 15, 343-351.	1.7	68
3	Identification of Biochemical Pathways Associated with Lead Tolerance and Detoxification in <i>Chrysopogon zizanioides</i> L. Nash (Vetiver) by Metabolic Profiling. <i>Environmental Science & Technology</i> , 2016, 50, 2530-2537.	4.6	62
4	Comparative metabolic profiling of vetiver (<i>Chrysopogon zizanioides</i>) and maize (<i>Zea mays</i>) under lead stress. <i>Chemosphere</i> , 2018, 193, 903-911.	4.2	41
5	Overexpression of a rice BAHD acyltransferase gene in switchgrass (<i>Panicum virgatum</i> L.) enhances saccharification. <i>BMC Biotechnology</i> , 2018, 18, 54.	1.7	38
6	The Three Members of the Arabidopsis Glycosyltransferase Family 92 are Functional β -1,4-Galactan Synthases. <i>Plant and Cell Physiology</i> , 2018, 59, 2624-2636.	1.5	35
7	Novel Quantitative Metabolomic Approach for the Study of Stress Responses of Plant Root Metabolism. <i>Journal of Proteome Research</i> , 2014, 13, 5879-5887.	1.8	30
8	Prediction of solubility parameters of lignin and ionic liquids using multi-resolution simulation approaches. <i>Green Chemistry</i> , 2022, 24, 1165-1176.	4.6	30
9	Bifunctional glycosyltransferases catalyze both extension and termination of pectic galactan oligosaccharides. <i>Plant Journal</i> , 2018, 94, 340-351.	2.8	27
10	Agrobacterium-mediated transient transformation of sorghum leaves for accelerating functional genomics and genome editing studies. <i>BMC Research Notes</i> , 2020, 13, 116.	0.6	23
11	A predictive toolset for the identification of effective lignocellulosic pretreatment solvents: a case study of solvents tailored for lignin extraction. <i>Green Chemistry</i> , 2021, 23, 7269-7289.	4.6	22
12	Antioxidant Enzymes Response in Vetiver Grass: A Greenhouse Study for Chelant-Assisted Phytoremediation of Lead-Contaminated Residential Soils. <i>Clean - Soil, Air, Water</i> , 2011, 39, 428-436.	0.7	19
13	Overexpression of the rice BAHD acyltransferase AT10 increases xylan-bound p-coumarate and reduces lignin in <i>Sorghum bicolor</i> . <i>Biotechnology for Biofuels</i> , 2021, 14, 217.	6.2	16
14	Mutational, proteomic and metabolomic analysis of a plant growth promoting copper-resistant <i>Pseudomonas</i> spp.. <i>FEMS Microbiology Letters</i> , 2012, 335, 140-148.	0.7	15
15	Rhizobacteria Mediate the Phytotoxicity of a Range of Biorefinery-Relevant Compounds. <i>Environmental Toxicology and Chemistry</i> , 2019, 38, 1911-1922.	2.2	7
16	New LC-MS/MS Method for the Analysis of Allura Red Level in Takeaway Chinese Dishes and Urine of an Adult Chinese Population. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 2588-2593.	2.4	5
17	Structural Characterization of Mannan Cell Wall Polysaccharides in Plants Using PACE. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	3