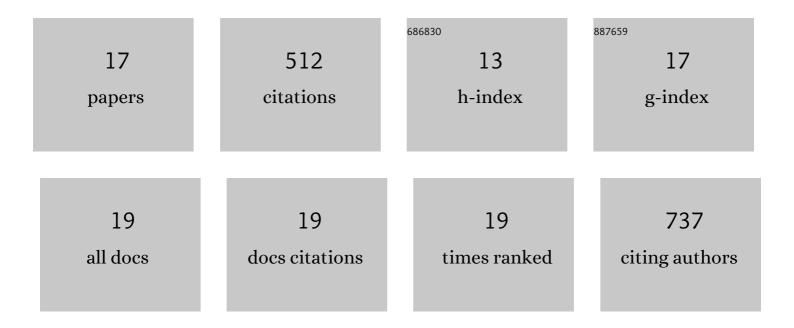
## Venkataramana R Pidatala

List of Publications by Year in descending order

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