Pankajkumar R Waghmare

List of Publications by Year
in descending order

13	372	933447 10	1125743 13
papers	citations	h-index	g-index

13	13	13	562
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dilute acid pretreatment of rice straw, structural characterization and optimization of enzymatic hydrolysis conditions by response surface methodology. RSC Advances, 2015, 5, 46525-46533.	3.6	84
2	Enzymatic hydrolysis and characterization of waste lignocellulosic biomass produced after dye bioremediation under solid state fermentation. Bioresource Technology, 2014, 168, 136-141.	9.6	60
3	Treatment of textile effluent in a developed phytoreactor with immobilized bacterial augmentation and subsequent toxicity studies on Etheostoma olmstedi fish. Journal of Hazardous Materials, 2015, 283, 698-704.	12.4	60
4	Production and characterization of cellulolytic enzymes by isolated Klebsiella sp. PRW-1 using agricultural waste biomass. Emirates Journal of Food and Agriculture, 2014, 26, 44.	1.0	34
5	Enzymatic hydrolysis of biologically pretreated sorghum husk for bioethanol production. Biofuel Research Journal, 2018, 5, 846-853.	13.3	33
6	Synthesis and enhanced photocatalytic activity of Zr-doped N-TiO2 nanostructures. Journal of Materials Science: Materials in Electronics, 2015, 26, 554-563.	2.2	22
7	Template free large scale synthesis of multi-shaped ZnO nanostructures for optical, photocatalytical and antibacterial properties. Journal of Materials Science: Materials in Electronics, 2015, 26, 8367-8379.	2.2	19
8	Bio-ethanol production from waste biomass of Pogonatherum crinitum phytoremediator: an eco-friendly strategy for renewable energy. 3 Biotech, 2018, 8, 158.	2.2	17
9	Utilization of agricultural waste biomass by cellulolytic isolate Enterobacter sp. SUK-Bio. Agriculture and Natural Resources, 2018, 52, 399-406.	0.1	14
10	Comparative analyses of enzymatic activity, structural study and docking of fungal cellulases. Gene Reports, 2017, 9, 54-60.	0.8	12
11	Composition of Synthesized Cellulolytic Enzymes Varied with the Usage of Agricultural Substrates and Microorganisms. Applied Biochemistry and Biotechnology, 2020, 191, 1695-1710.	2.9	8
12	Efficient Constitutive Expression of Cellulolytic Enzymes in Penicillium oxalicum for Improved Efficiency of Lignocellulose Degradation. Journal of Microbiology and Biotechnology, 2021, 31, 740-746.	2.1	6
13	Sorghum husk biomass as a potential substrate for production of cellulolytic and xylanolytic enzymes by Nocardiopsis sp. KNU. 3 Biotech, 2017, 7, 163.	2.2	3