Subhash Chandra

List of Publications by Year
in descending order

12 papers	441 citations	933447 10 h-index	1199594 12 g-index
12 all docs	12 docs citations	12 times ranked	447 citing authors

#	Article	IF	Citations
1	Influence of temperature and duration of pyrolysis on the property heterogeneity of rice straw biochar and optimization of pyrolysis conditions for its application in soils. Journal of Cleaner Production, 2019, 215, 1123-1139.	9.3	157
2	Potassium-iron rice straw biochar composite for sorption of nitrate, phosphate, and ammonium ions in soil for timely and controlled release. Science of the Total Environment, 2020, 712, 136337.	8.0	75
3	Evaluation of hydrogeological factors and their relationship with seasonal water table fluctuation in Dhanbad district, Jharkhand, India. ISH Journal of Hydraulic Engineering, 2015, 21, 193-206.	2.1	42
4	(3-Aminopropyl)triethoxysilane and iron rice straw biochar composites for the sorption of Cr (VI) and Zn (II) using the extract of heavy metals contaminated soil. Science of the Total Environment, 2021, 771, 144764.	8.0	32
5	Biochar-Supported TiO2-Based Nanocomposites for the Photocatalytic Degradation of Sulfamethoxazole in Waterâ€"A Review. Toxics, 2021, 9, 313.	3.7	30
6	Assessment of groundwater level fluctuation by using remote sensing and GIS in West Bokaro coalfield, Jharkhand, India. ISH Journal of Hydraulic Engineering, 2016, 22, 59-67.	2.1	24
7	Inhibitory and synergistic effects on thermal behaviour and char characteristics during the co-pyrolysis of biomass and single-use plastics. Energy, 2021, 235, 121369.	8.8	20
8	Influence of process parameters on thermal characteristics of char from co-pyrolysis of eucalyptus biomass and polystyrene: Its prospects as a solid fuel. Energy, 2021, 232, 121050.	8.8	17
9	Optimized production of single-use plastic-Eucalyptus wood char composite for application in soil. Journal of Cleaner Production, 2021, 278, 123968.	9.3	15
10	Single-use LDPE - Eucalyptus biomass char composite produced from co-pyrolysis has the properties to improve the soil quality. Chemical Engineering Research and Design, 2021, 149, 185-198.	5.6	12
11	Char from the co-pyrolysis of Eucalyptus wood and low-density polyethylene for use as high-quality fuel: Influence of process parameters. Science of the Total Environment, 2021, 794, 148723.	8.0	9
12	Effect of the Co-Application of Eucalyptus Wood Biochar and Chemical Fertilizer for the Remediation of Multimetal (Cr, Zn, Ni, and Co) Contaminated Soil. Sustainability, 2022, 14, 7266.	3.2	8