

Subhash Chandra

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

441
citations

932766

10
h-index

1199166

12
g-index

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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. <i>Journal of Cleaner Production</i> , 2019, 215, 1123-1139.	4.6	157
2	Potassium-iron rice straw biochar composite for sorption of nitrate, phosphate, and ammonium ions in soil for timely and controlled release. <i>Science of the Total Environment</i> , 2020, 712, 136337.	3.9	75
3	Evaluation of hydrogeological factors and their relationship with seasonal water table fluctuation in Dhanbad district, Jharkhand, India. <i>ISH Journal of Hydraulic Engineering</i> , 2015, 21, 193-206.	1.1	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. <i>Science of the Total Environment</i> , 2021, 771, 144764.	3.9	32
5	Biochar-Supported TiO ₂ -Based Nanocomposites for the Photocatalytic Degradation of Sulfamethoxazole in Water—A Review. <i>Toxics</i> , 2021, 9, 313.	1.6	30
6	Assessment of groundwater level fluctuation by using remote sensing and GIS in West Bokaro coalfield, Jharkhand, India. <i>ISH Journal of Hydraulic Engineering</i> , 2016, 22, 59-67.	1.1	24
7	Inhibitory and synergistic effects on thermal behaviour and char characteristics during the co-pyrolysis of biomass and single-use plastics. <i>Energy</i> , 2021, 235, 121369.	4.5	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. <i>Energy</i> , 2021, 232, 121050.	4.5	17
9	Optimized production of single-use plastic-Eucalyptus wood char composite for application in soil. <i>Journal of Cleaner Production</i> , 2021, 278, 123968.	4.6	15
10	Single-use LDPE - Eucalyptus biomass char composite produced from co-pyrolysis has the properties to improve the soil quality. <i>Chemical Engineering Research and Design</i> , 2021, 149, 185-198.	2.7	12
11	Char from the co-pyrolysis of Eucalyptus wood and low-density polyethylene for use as high-quality fuel: Influence of process parameters. <i>Science of the Total Environment</i> , 2021, 794, 148723.	3.9	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. <i>Sustainability</i> , 2022, 14, 7266.	1.6	8