Sawdust, a versatile, inexpensive, readily available bio-v valuable materials for sustainable remediation technolo

Advances in Colloid and Interface Science

295, 102492

DOI: 10.1016/j.cis.2021.102492

Citation Report

#	Article	IF	Citations
1	Combustion, Pyrolysis, and Gasification of Waste-Derived Fuel Slurries, Low-Grade Liquids, and High-Moisture Waste: Review. Applied Sciences (Switzerland), 2022, 12, 1039.	2.5	19
2	In-situ generation of H2O2 by zero valent iron to control depolymerization of lignocellulose in composting niche. Chemosphere, 2022, 302, 134908.	8.2	15
3	Mechanism adsorption analysis during the removal of Cd2+ and Cu2+ onto cedar sawdust via experiment coupled with theoretical calculation: Mono- and multicomponent systems. Environmental Nanotechnology, Monitoring and Management, 2022, 18, 100715.	2.9	2
4	Preparation of ultra-lightweight ceramsite from red mud and immobilization of hazardous elements. Journal of Environmental Chemical Engineering, 2022, 10, 108157.	6.7	23
5	Recent development in the sustainable remediation of antibiotics: A review. , 2022, 3-4, 100008.		4
6	Ultrasonic-assisted synthesis of wood-aluminium-based sorbents: Comparison with conventional preparation and evaluation of chromium removal. Wood Material Science and Engineering, 0, , 1-11.	2.3	0
7	Oil/Water Separation Using Waste-Derived Functional Materials with Special Wetting Behavior. Resources, 2022, 11, 83.	3.5	5
8	Assessment of the impact of diluted and pretreated olive mill wastewater on the treatment efficiency by infiltration-percolation using natural bio-adsorbents. Environmental Science and Pollution Research, 2023, 30, 16305-16320.	5.3	3
9	Bio-sorbent alginate/citric acid-sawdust/Fe3O4 nanocomposite beads for highly efficient removal of malachite green from water. International Journal of Biological Macromolecules, 2022, 222, 2683-2696.	7.5	4
10	Adsorption rate and capacity assessment of Methylene blue removal by biocomposite microparticles using design of experiments. International Journal of Environmental Research, 2022, 16, .	2.3	1
11	The effect of torrefaction temperature and catalyst loading in Microwave-Assisted in-situ catalytic Co-Pyrolysis of torrefied biomass and plastic wastes. Bioresource Technology, 2022, 364, 128099.	9.6	16
12	Adsorption of chlorophenols on activated pine sawdust-activated carbon from solution in batch mode. Environmental Science and Pollution Research, 2023, 30, 31294-31308.	5.3	6
13	Using Waste Tire-Derived Particles to Remove Benzene and n-Hexane by Dynamic and Static Adsorption. ACS Omega, 2023, 8, 4899-4905.	3.5	0
14	Comparative study for removal of cationic and anionic dyes using alginate-based hydrogels filled with citric acid-sawdust/UiO-66-NH2 hybrid. International Journal of Biological Macromolecules, 2023, 238, 124034.	7.5	7
15	Solvent-free functionalization of sawdust with quaternary ammonium groups: Application to the biosorption of two anionic dyes. Sustainable Chemistry and Pharmacy, 2023, 33, 101068.	3.3	0
16	Adsorptive Features of Magnetic Activated Carbons Prepared by a One-Step Process towards Brilliant Blue Dye. Molecules, 2023, 28, 1821.	3.8	13
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18	Valorization of Wood Waste as Biosorbent for the Removal of Organic and Inorganic Contaminants in Water. , 2023, , 59-78.		0

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19	Facile fabrication of superhydrophobic magnetic bio-waste for oil spill cleanup. Industrial Crops and Products, 2023, 201, 116848.	5.2	3
20	Novel wood membrane decorated with covalent organic frameworks and palladium nanoparticles for reduction of aromatic organic contaminants. Separation and Purification Technology, 2023, 319, 124112.	7.9	6
21	Use of Sawdust Fibers for Soil Reinforcement: A Review. Fibers, 2023, 11, 58.	4.0	1
22	Microwave Pyrolysis of Woody Biomass: Influence of Radiation Power on the Composition of Conversion Products. Applied Sciences (Switzerland), 2023, 13, 7926.	2.5	1
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