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A mechanistic study on removal efficiency of four antibiotics by animal and plant origin precursors-derived biochars

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30	Effects and mechanism of pyrolysis temperature on physicochemical properties of corn stalk pellet biochar based on combined characterization approach of microcomputed tomography and chemical analysis. *Bioresource Technology*, **2021**, 329, 124907	11	11
29	Biochars adsorption performance towards moxifloxacin and ofloxacin in aqueous solution: Role of pyrolysis temperature and biomass type. *Environmental Technology and Innovation*, **2021**, 24, 101912	7	4
28	Removal of tetracycline from wastewater using magnetic biochar: A comparative study of performance based on the preparation method. *Environmental Technology and Innovation*, **2021**, 24, 101916	7	2
27	From green biowaste to water treatment applications: Utilization of modified new biochar for the efficient removal of ciprofloxacin. *Sustainable Chemistry and Pharmacy*, **2021**, 24, 100522	3.9	3
26	Tailoring biochar for persulfate-based environmental catalysis: Impact of biomass feedstocks. *Journal of Hazardous Materials*, **2021**, 424, 127663	12.8	6
25	Insight into the mechanisms of ball-milled biochar addition on soil tetracycline degradation enhancement: Physicochemical properties and microbial community structure. *Chemosphere*, **2021**, 132691	8.4	2
24	Enhanced adsorption performance of tetracycline in aqueous solutions by KOH-modified peanut shell-derived biochar. *Biomass Conversion and Biorefinery*, 1	2.3	0
23	Adsorption of sulfamethoxazole on polypyrrole decorated volcanics over a wide pH range: Mechanisms and site energy distribution consideration. *Separation and Purification Technology*, **2021**, 120165	8.3	1
22	Mixed bacteria-loaded biochar for the immobilization of arsenic, lead, and cadmium in a polluted soil system: Effects and mechanisms. *Science of the Total Environment*, **2021**, 811, 152112	10.2	4
21	Removal of potentially toxic elements from contaminated soil and water using bone char compared to plant- and bone-derived biochars: A review.. *Journal of Hazardous Materials*, **2021**, 427, 128131	12.8	7
20	Two-step pyrolysis biochar derived from agro-waste for antibiotics removal: Mechanisms and stability.. *Chemosphere*, **2021**, 292, 133454	8.4	1
19	Ball-milled magnetite for efficient arsenic decontamination: Insights into oxidation-adsorption mechanism.. *Journal of Hazardous Materials*, **2021**, 427, 128117	12.8	3
18	The Magnetically Recoverable C-ZnFe 2O 4 As A Microwave Absorption Catalyst For the Degradation of Norfloxacin by Persulfate: Mechanism, Degradation Pathway, Toxicity, and Stability. *SSRN Electronic Journal*,	1	
17	Sorption mechanisms of diethyl phthalate by nutshell biochar derived at different pyrolysis temperature. *Journal of Environmental Chemical Engineering*, **2022**, 10, 107328	6.8	2
16	Impacts of temperatures and phosphoric-acid modification to the physicochemical properties of biochar for excellent sulfadiazine adsorption. *Biochar*, **2022**, 4, 1	10	2
15	The magnetically recoverable C-ZnFe2O4 as a microwave absorption catalyst for the degradation of norfloxacin by persulfate: Mechanism, degradation pathway, toxicity, and stability. *Journal of Environmental Chemical Engineering*, **2022**, 10, 107434	6.8	0
14	Colloidal biochar for enhanced adsorption of antibiotic ciprofloxacin in aqueous and synthetic hydrolyzed human urine matrices.. *Chemosphere*, **2022**, 297, 133984	8.4	0

13	Insights into Cr(VI) removal mechanism in water by facile one-step pyrolysis prepared coal gangue-biochar composite.. *Chemosphere*, **2022**, 134334	8.4	0
12	Soybean straw biochar activating peroxydisulfate to simultaneously eliminate tetracycline and tetracycline resistance bacteria: Insights on the mechanism.. *Water Research*, **2022**, 218, 118489	12.5	1
11	Usage of biochar to ameliorate the toxicity induced by antibiotics for seedlings at the germination stage. *Vegetos*,	1.2	
10	Enhanced adsorption performance of sulfamethoxazole and tetracycline in aqueous solutions by MgFe2O4-magnetic biochar. **2022**, 86, 568-583		
9	Application of biochar for the adsorption of organic pollutants from wastewater: Modification strategies, mechanisms and challenges. **2022**, 300, 121925		3
8	Application of downflow hanging sponge reactor and biochar for water and wastewater treatment. **2022**, 271-309		0
7	Adsorption Capacity of Tetracycline in Solution by Cu-BTC@Carboxyl-Functionalized Carbon Nanotubes@Copper Alginate Composite Aerogel Beads. **2022**, 12, 1298		0
6	A Review of the Role of Extracellular Polymeric Substances (EPS) in Wastewater Treatment Systems. **2022**, 19, 12191		4
5	Evaluation of the adsorption of sulfamethoxazole (SMX) within aqueous influents onto customized ordered mesoporous carbon (OMC) adsorbents: Performance and elucidation of key adsorption mechanisms. **2023**, 454, 140082		0
4	Interactions between Cr(VI) and the hydrochar: The electron transfer routes, adsorption mechanisms, and the accelerating effects of wood vinegar. **2023**, 863, 160957		0
3	Pyrolysis temperature affects the physiochemical characteristics of lanthanum-modified biochar derived from orange peels: Insights into the mechanisms of tetracycline adsorption by spectroscopic analysis and theoretical calculations. **2023**, 862, 160860		0
2	Removal of fluoroquinolone antibiotics by adsorption of dopamine-modified biochar aerogel. **2023**, 40, 215-222		0
1	A novel BC/g-C3N4 porous hydrogel carrier used in intimately coupled photocatalysis and biodegradation system for efficient removal of tetracycline hydrochloride in water. **2023**, 137888		0