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An effective and recyclable adsorbent for the removal of heavy metal ions from aqueous system: Magnetic chitosan/cellulose microspheres

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#	Paper	IF	Citations
187	Agricultural Waste. <i>Water Environment Research</i> , 2016 , 88, 1334-73	2.8	5
186	Study of complexes formation between transition metal ions and amylopectin in DMSO/H ₂ O solution. 2016 , 68, 1129-1138		4
185	Preparation of Magnetic Carboxymethylchitosan Nanoparticles for Adsorption of Heavy Metal Ions. 2016 , 1, 77-83		84
184	A facile, versatile approach to hydroxyl-anchored metal oxides with high Cr(VI) adsorption performance in water treatment. 2016 , 3, 160524		16
183	Magnetic <i>Ganoderma lucidum</i> spore microspheres: A novel material to immobilize CoTA multicopper oxidase for dye decolorization. <i>Journal of Hazardous Materials</i> , 2016 , 313, 122-9	12.8	11
182	Electroconductive natural polymer-based hydrogels. 2016 , 111, 40-54		230
181	Construction of biocompatible regenerated cellulose/SPI composite beads using high-voltage electrostatic technique. 2016 , 6, 52528-52538		6
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178	Adsorptive removal of Lead from water by the effective and reusable magnetic cellulose nanocomposite beads entrapping activated bentonite. <i>Carbohydrate Polymers</i> , 2016 , 151, 640-648	10.3	62
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172	Conferring Natural-Derived Porous Microspheres with Surface Multifunctionality through Facile Coordination-Enabled Self-Assembly Process. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 8076-85	9.5	21
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169	Adsorptive removal of Cr ³⁺ from aqueous solutions using chitosan microfibers immobilized with plant polyphenols as biosorbents with high capacity and selectivity. <i>Applied Surface Science</i> , 2017 , 404, 418-425	6.7	19
168	Highly cost-effective and high-strength hydrogels as dye adsorbents from natural polymers: chitosan and cellulose. 2017 , 8, 2913-2921		119
167	Recyclable magnetic carboxymethyl chitosan/calcium alginate - cellulase bioconjugates for corn stalk hydrolysis. <i>Carbohydrate Polymers</i> , 2017 , 166, 358-364	10.3	11
166	Preparation and adsorption properties of magnetic chitosan composite adsorbent for Cu ²⁺ removal. 2017 , 158, 51-58		98
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29	Improving cellulose viscosity protection and delignification in ozone bleaching of low-consistency pulp with water-soluble chitosan. <i>Industrial Crops and Products</i> , 2021 , 171, 113862	5.9	
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