

CITATION REPORT

List of articles citing

Use of cerium oxide (CeO₂) nanoparticles for the adsorption of dissolved cadmium (II), lead (II) and chromium (VI) at two different pHs in single and multi-component systems

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Global Nest Journal, 2015, 17, 536-543.

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#	Paper	IF	Citations
25	Biocompatible polydopamine-like particles for the removal of heavy metals at extremely low concentrations. <i>RSC Advances</i> , 2016 , 6, 40058-40066	3.7	24
24	Preparation of a polyvinylidene fluoride tree-like nanofiber mat loaded with manganese dioxide for highly efficient lead adsorption. <i>RSC Advances</i> , 2017 , 7, 8220-8229	3.7	16
23	Critical review of existing nanomaterial adsorbents to capture carbon dioxide and methane. <i>Science of the Total Environment</i> , 2017 , 595, 51-62	10.2	102
22	Mutual effects and in planta accumulation of co-existing cerium oxide nanoparticles and cadmium in hydroponically grown soybean (<i>Glycine max</i> (L.) Merr.). <i>Environmental Science: Nano</i> , 2018 , 5, 150-157	7.1	65
21	Investigation on the Modification of Physicochemical Properties of Cerium Oxide Nanoparticles through Adsorption of Cd and As(III)/As(V). <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 13454-13461	8.3	25
20	Nanosized Oxides of Different Compositions as Adsorbents for Hazardous Substances Removal from Aqueous Solutions and Wastewaters. <i>Springer Proceedings in Physics</i> , 2018 , 103-126	0.2	
19	Cerium dioxide and composites for the removal of toxic metal ions. <i>Environmental Chemistry Letters</i> , 2018 , 16, 1233-1246	13.3	32
18	Single-Particle Investigation of Environmental Redox Processes of Arsenic on Cerium Oxide Nanoparticles by Collision Electrochemistry. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 24725-24734	9.5	16
17	Europium doping effect on 3D flower-like SnO nanostructures: morphological changes, photocatalytic performance and fluorescence detection of heavy metal ion contamination in drinking water.. <i>RSC Advances</i> , 2019 , 9, 37450-37466	3.7	13
16	Nano-bioremediation: An Innovative Remediation Technology for Treatment and Management of Contaminated Sites. 2020 , 165-182		18
15	Pr doped SnO ₂ nanostructures: Morphology evolution, efficient photocatalysts and fluorescent sensors for the detection of Cd ²⁺ ions in water. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020 , 388, 112144	4.7	4
14	A review of hexavalent chromium removal from aqueous solutions by sorption technique using nanomaterials. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 104503	6.8	29
13	Enhanced adsorption and desorption of Cr(VI) from aqueous solution using hydrous Ce _{1-x} Zr _x O ₂ : Isotherm, kinetics and thermodynamic evaluation. <i>Journal of Dispersion Science and Technology</i> , 2020 , 1-18	1.5	
12	How Effective Are Nanomaterials for the Removal of Heavy Metals from Water and Wastewater?. <i>Water, Air, and Soil Pollution</i> , 2020 , 231, 1	2.6	18
11	MOF-Beads Containing Inorganic Nanoparticles for the Simultaneous Removal of Multiple Heavy Metals from Water. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 10554-10562	9.5	53
10	Bioremediation of heavy metals from wastewater using nanomaterials. <i>Environment, Development and Sustainability</i> , 2021 , 23, 9617-9640	4.5	16
9	Electrospun tree-like nanofiber membrane: Fabrication and applications for air and water treatments. 2021 , 433-448		

8	Nanomaterials for Soil Reclamation. <i>Advances in Environmental Engineering and Green Technologies Book Series</i> , 2021 , 530-541	0.4	
7	Remediation of Toxic Environmental Pollutants Using Nanoparticles and Integrated Nano-Bio Systems. 2021 , 443-482		0
6	Rapid adsorption of Pb (II) and Cr (VI) from aqueous solution by Aluminum hydroxide nanoparticles: Equilibrium and kinetic evaluation. <i>Materials Today: Proceedings</i> , 2021 , 47, 1430-1437	1.4	4
5	Effect of hexavalent chromium on the environment and removal techniques: A review. <i>Journal of Environmental Management</i> , 2021 , 280, 111809	7.9	46
4	Influence of cerium oxide nanoparticles on dairy effluent nitrate and phosphate bioremediation.. <i>Environmental Monitoring and Assessment</i> , 2022 , 194, 326	3.1	0
3	Synthesis of Ca-doped CeO ₂ Nanoparticles for the Enhanced Adsorption Activity of Chitosan and Other Applications. 2023 , 35, 435-440		0
2	Performance evaluation of phosphonium based deep eutectic solvents coated cerium oxide nanoparticles for CO ₂ capture. 2023 , 222, 115314		0
1	Carbon nanosheets coated on zirconium oxide nanoplate nanocomposite for Zn ²⁺ ion adsorption and reuse of spent adsorbent for fingerprint detection. 2023 , 40, 824-840		0