

Physico-chemical treatment techniques for wastewater

Chemical Engineering Journal

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Radicals-catalyzed oxidation reactions for degradation of recalcitrant compounds from landfill leachate. Chemical Engineering Journal, 2006, 125, 35-57.	12.7	225
2	Heavy metal removal from winery wastewater in the case of restrictive discharge regulation. Water Science and Technology, 2007, 56, 111-120.	2.5	18
3	Selective heavy metals removal from waters by amorphous zirconium phosphate: Behavior and mechanism. Water Research, 2007, 41, 3103-3111.	11.3	142
4	Kinetics of the reduction of hexavalent chromium with the brown seaweed Ecklonia biomass. Chemosphere, 2007, 66, 939-946.	8.2	97
5	Sorption of Co, Cu, Ni and Zn from industrial effluents by the submerged aquatic macrophyte <i>Myriophyllum spicatum</i> L. Ecological Engineering, 2007, 30, 320-325.	3.6	90
6	Structural investigation of Zn ²⁺ sorption on clinoptilolite tuff from the Vranjska Banja deposit in Serbia. Microporous and Mesoporous Materials, 2007, 105, 251-259.	4.4	58
7	Removal of low concentration Hg ²⁺ from natural waters by microporous and layered titanosilicates. Microporous and Mesoporous Materials, 2007, 103, 325-332.	4.4	59
8	Removal of tungsten oxyanions from industrial wastewater by precipitation, coagulation and flocculation processes. Journal of Hazardous Materials, 2007, 148, 613-615.	12.4	42
9	Preparation, characterization, and Zn ²⁺ adsorption behavior of chemically modified MCM-41 with 5-mercapto-1-methyltetrazole. Journal of Colloid and Interface Science, 2007, 313, 551-562.	9.4	93
10	Biological treatment of precious metal refinery wastewater: A review. Minerals Engineering, 2007, 20, 519-532.	4.3	102
12	Use of membranes for heavy metal cationic wastewater treatment: flotation and membrane filtration. Clean Technologies and Environmental Policy, 2007, 9, 189-198.	4.1	28
13	Evaluation of Dry Protonated Calcium Alginate Beads for Biosorption Applications and Studies of Lead Uptake. Applied Biochemistry and Biotechnology, 2007, 143, 115-128.	2.9	49
14	Experimental study on treatment of electroplating wastewater by nanofiltration. Journal of Membrane Science, 2007, 305, 185-195.	8.2	78
15	Electricity production during the treatment of real electroplating wastewater containing Cr ⁶⁺ using microbial fuel cell. Process Biochemistry, 2008, 43, 1352-1358.	3.7	242
16	Bioremoval of hexavalent chromium from water by a salt tolerant bacterium, <i>Exiguobacterium</i> sp. GS1. Journal of Industrial Microbiology and Biotechnology, 2008, 35, 1571-1579.	3.0	69
17	Recent Progress on Biosorption of Heavy Metals from Liquids Using Low Cost Biosorbents: Characterization, Biosorption Parameters and Mechanism Studies. Clean - Soil, Air, Water, 2008, 36, 937-962.	1.1	340
18	Adsorption of Pb ²⁺ , Zn ²⁺ , and Cd ²⁺ from waters by amorphous titanium phosphate. Journal of Colloid and Interface Science, 2008, 318, 160-166.	9.4	65
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21	Treatment of heavy metals by nanofiltration present in the lake Reghaÿa. Desalination, 2008, 221, 277-283.	8.2	12
22	Characterization and treatment of wastewater produced during the hydro-metallurgical extraction of germanium from fly ash. Desalination, 2008, 230, 162-174.	8.2	22
23	Heavy metals (Cd, Pb, Zn, Ni, Cu and Cr(III)) removal from water in Malaysia: Post treatment by high quality limestone. Bioresource Technology, 2008, 99, 1578-1583.	9.6	414
24	Heavy metal adsorbents prepared from the modification of cellulose: A review. Bioresource Technology, 2008, 99, 6709-6724.	9.6	1,064
25	Mechanism and kinetics of Cr(VI) reduction by waste slag generated from iron making industry. Hydrometallurgy, 2008, 93, 72-75.	4.3	38
26	Micellar-enhanced ultrafiltration of cadmium ions with anionic/nonionic surfactants. Journal of Membrane Science, 2008, 320, 514-519.	8.2	67
27	Occurrence and fate of heavy metals in large wastewater treatment plants treating municipal and industrial wastewaters. Water Science and Technology, 2008, 57, 1329-1336.	2.5	39
28	Ion-Exchange Equilibria of Pb ²⁺ , Ni ²⁺ , and Cr ³⁺ Ions for H ⁺ on Amberlite IR-120 Resin. Journal of Chemical & Engineering Data, 2008, 53, 1325-1331.	1.9	28
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39	Cadmium removal from wastewater by sponge iron sphere prepared by charcoal direct reduction. Journal of Environmental Sciences, 2009, 21, S60-S64.	6.1	26
40	Removal of Hexavalent Chromium-Contaminated Water and Wastewater: A Review. Water, Air, and Soil Pollution, 2009, 200, 59-77.	2.4	733
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43	Enhancement strategies for Cu(II), Cr(III) and Cr(VI) remediation by a variety of seaweed species. Journal of Hazardous Materials, 2009, 166, 318-326.	12.4	45
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75	Removal of antimony (III) and antimony (V) from drinking water by ferric chloride coagulation: Competing ion effect and the mechanism analysis. <i>Separation and Purification Technology</i> , 2010, 76, 184-190.	7.9	141
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