

Kinetics and equilibrium studies on biosorption of cadmium from aqueous solutions by intact and chemically modified brown algae

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Kinetic Modeling of the Biosorption of Lead(II) from Aqueous Solutions by Solid Waste Resulting from the Olive Oil Production. <i>Journal of Chemical & Engineering Data</i> , 2011, 56, 3053-3060.	1.0	19
2	Leaching of Rare-Earth Elements and Their Adsorption by Using Blue-Green Algae. <i>Materials Transactions</i> , 2011, 52, 1799-1806.	0.4	29
3	Removal of Cd(II) and Ni(II) from aqueous solution by PVA/TEOS/TMPTMS hybrid membrane. <i>Chemical Engineering Journal</i> , 2011, 175, 251-259.	6.6	77
4	Comparative study of lead sorption onto natural perlite, dolomite and diatomite. <i>Chemical Engineering Journal</i> , 2011, 178, 317-323.	6.6	128
5	Removal of Cadmium (II) Ions from Aqueous Phase by Biosorption on Biological Activated Dates' Pedicels (Kinetic, Equilibrium and Thermodynamic Study). <i>International Journal of Chemical Reactor Engineering</i> , 2011, 9, .	0.6	0
6	Macro algae <i>Gracilaria verrucosa</i> as a biosorbent: A study of sorption mechanisms. <i>Algal Research</i> , 2012, 1, 194-204.	2.4	74
7	Biosorption of Toxic Heavy Metal Ions from Water Environment Using Honeycomb Biomass "An Industrial Waste Material. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 5967-5982.	1.1	39
8	Kinetics and equilibrium studies for the removal of heavy metals in both single and binary systems using hydroxyapatite. <i>Applied Water Science</i> , 2012, 2, 187-197.	2.8	47
9	Selective solid-phase extraction of uranium by salicylideneimine-functionalized hydrothermal carbon. <i>Journal of Hazardous Materials</i> , 2012, 229-230, 321-330.	6.5	146
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13	Biosorption of heavy metal ions by brown seaweeds from southern coast of Korea. <i>Biotechnology and Bioprocess Engineering</i> , 2012, 17, 853-861.	1.4	24
14	Charaterization of Pore Structure and Surface Chemistry of Activated Carbons " A Review. , 0, , .		4
15	Binary biosorption of uranium(VI) and nickel(II) from aqueous solution by Ca-pretreated <i>Cystoseira indica</i> in a fixed-bed column. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2012, 292, 501-512.	0.7	15
16	Kinetic studies for Cd(II) biosorption from treated urban effluents by native grapefruit biomass (<i>Citrus paradisi</i> L.): The competitive effect of Pb(II), Cu(II) and Ni(II). <i>Chemical Engineering Journal</i> , 2012, 191, 278-287.	6.6	68
17	Metal tolerance and sequestration of Ni(II), Zn(II) and Cr(VI) ions from simulated and electroplating wastewater in batch process: Kinetics and equilibrium study. <i>International Biodeterioration and Biodegradation</i> , 2012, 66, 82-90.	1.9	29
18	Equilibrium and kinetics studies of heavy metal ions biosorption on green algae waste biomass. <i>Bioresource Technology</i> , 2012, 103, 489-493.	4.8	255

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71	Protective Effects of <i>Lactobacillus plantarum</i> CCFM8246 against Copper Toxicity in Mice. <i>PLoS ONE</i> , 2015, 10, e0143318.	1.1	37
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102	Plant growth promotion by <i>Bradyrhizobium japonicum</i> under heavy metal stress. <i>South African Journal of Botany</i> , 2016, 105, 19-24.	1.2	56
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111	Response surface methodology application in optimization of cadmium adsorption by shoe waste: A good option of waste mitigation by waste. <i>Ecological Engineering</i> , 2016, 88, 265-275.	1.6	158
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