

Abbas Hamid Sulaymon

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Competitive biosorption of lead, cadmium, copper, and arsenic ions using algae. <i>Environmental Science and Pollution Research</i> , 2013, 20, 3011-3023.	2.7	175
2	Removal of lead copper chromium and cobalt ions onto granular activated carbon in batch and fixed-bed adsorbers. <i>Chemical Engineering Journal</i> , 2009, 155, 647-653.	6.6	131
3	Competitive Adsorption of Furfural and Phenolic Compounds onto Activated Carbon in Fixed Bed Column. <i>Environmental Science & Technology</i> , 2008, 42, 392-397.	4.6	112
4	Equilibrium, kinetic, and thermodynamic biosorption of Pb(II), Cr(III), and Cd(II) ions by dead anaerobic biomass from synthetic wastewater. <i>Environmental Science and Pollution Research</i> , 2013, 20, 175-187.	2.7	56
5	Cement kiln dust (CKD)-filter sand permeable reactive barrier for the removal of Cu(II) and Zn(II) from simulated acidic groundwater. <i>Journal of Hazardous Materials</i> , 2015, 297, 160-172.	6.5	45
6	Removal of lead, cadmium, copper, and arsenic ions using biosorption: equilibrium and kinetic studies. <i>Desalination and Water Treatment</i> , 2013, 51, 4424-4434.	1.0	33
7	Column Biosorption of Lead, Cadmium, Copper, and Arsenic ions onto Algae. <i>Journal of Bioprocessing & Biotechniques</i> , 2013, 03, .	0.2	29
8	Scale-up of a fixed bed electrochemical reactor consisting of parallel screen electrode used for p-aminophenol production. <i>Electrochimica Acta</i> , 2007, 53, 1671-1679.	2.6	26
9	Removal of lead, cadmium, and mercury ions using biosorption. <i>Desalination and Water Treatment</i> , 2010, 24, 344-352.	1.0	24
10	Competitive biosorption of lead mercury chromium and arsenic ions onto activated sludge in fixed bed adsorber. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014, 45, 325-337.	2.7	24
11	Experimental evaluation of the virtual mass of two solid spheres accelerating in fluids. <i>Experimental Thermal and Fluid Science</i> , 2007, 31, 813-823.	1.5	23
12	Experimental investigation and numerical modeling of light nonaqueous phase liquid dissolution and transport in a saturated zone of the soil. <i>Journal of Hazardous Materials</i> , 2011, 186, 1601-1614.	6.5	22
13	A comparative adsorption/biosorption for the removal of phenol and lead onto granular activated carbon and dried anaerobic sludge. <i>Desalination and Water Treatment</i> , 2013, 51, 2055-2067.	1.0	21
14	Removal of cadmium from simulated wastewaters by electrodeposition on stainless steel tubes bundle electrode. <i>Desalination and Water Treatment</i> , 2011, 29, 218-226.	1.0	20
15	Removal of phenol and lead from synthetic wastewater by adsorption onto granular activated carbon in fixed bed adsorbers: prediction of breakthrough curves. <i>Desalination and Water Treatment</i> , 2012, 40, 244-253.	1.0	16
16	Removal of reactive yellow dye by adsorption onto activated carbon using simulated wastewater. <i>Desalination and Water Treatment</i> , 2014, 52, 3421-3431.	1.0	13
17	Comparative Study of Removal of Cadmium (II) and Chromium (III) Ions from Aqueous Solution Using Low-Cost Biosorbent. <i>International Journal of Chemical Reactor Engineering</i> , 2014, 12, 477-486.	0.6	12
18	Competitive biosorption of Pb(II), Cr(III), and Cd (II) from synthetic wastewater onto heterogeneous anaerobic biomass in single, binary, and ternary batch systems. <i>Desalination and Water Treatment</i> , 2014, 52, 5629-5638.	1.0	12

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19	Natural organic matter removal from Tigris River water in Baghdad, Iraq. <i>Desalination</i> , 2009, 245, 155-168.	4.0	11
20	Performance of granular dead anaerobic sludge as permeable reactive barrier for containment of lead from contaminated groundwater. <i>Desalination and Water Treatment</i> , 2015, 56, 327-337.	1.0	11
21	Simultaneous adsorption-precipitation characterization as mechanisms for metals removal from aqueous solutions by cement kiln dust (CKD). <i>Desalination and Water Treatment</i> , 2016, 57, 819-826.	1.0	10
22	Equilibrium and kinetic study of the adsorption of reactive blue, red, and yellow dyes onto activated carbon and barley husk. <i>Desalination and Water Treatment</i> , 2014, 52, 5485-5493.	1.0	9
23	Spherical Zeolite-Binder Agglomerates. <i>Chemical Engineering Research and Design</i> , 1999, 77, 342-350.	2.7	8
24	Competitive removal of Cu ²⁺ , Cd ²⁺ , Zn ²⁺ , and Ni ²⁺ ions onto iron oxide nanoparticles from wastewater. <i>Desalination and Water Treatment</i> , 2015, , 1-15.	1.0	7
25	Competitive biosorption of phenol and lead from synthetic wastewater onto live and dead microorganisms. <i>Desalination and Water Treatment</i> , 2012, 45, 331-342.	1.0	6
26	AEROSOL FILTRATION USING QUARTZ SAND FILTER. <i>American Journal of Environmental Sciences</i> , 2012, 8, 385-395.	0.3	6
27	An experimental investigation of the settling behavior of two spheres in a power law fluid. <i>Journal of Non-Newtonian Fluid Mechanics</i> , 2013, 192, 29-36.	1.0	6
28	Single-multicomponent biosorption of lead mercury chromium and arsenic onto activated sludge in batch and fixed-bed adsorber. <i>Desalination and Water Treatment</i> , 2015, 53, 3499-3512.	1.0	6
29	Electrochemical removal of cadmium from simulated wastewater using a smooth rotating cylinder electrode. <i>Desalination and Water Treatment</i> , 2015, 54, 2557-2563.	1.0	6
30	Dominant Mechanisms for Metal Removal from Acidic Aqueous Solutions by Cement Kiln Dust. <i>Mine Water and the Environment</i> , 2017, 36, 209-216.	0.9	5
31	Saving amberlite XAD4 by using inert material in adsorption process. <i>Desalination and Water Treatment</i> , 2010, 20, 234-242.	1.0	4
32	Effect of tubes bundle electrode on removal of cadmium from simulated wastewaters by electrodeposition. <i>Journal of Chemical Technology and Biotechnology</i> , 2011, 86, 651-657.	1.6	4
33	Mathematical models application for natural organic matter adsorption onto activated carbon. <i>Desalination and Water Treatment</i> , 2010, 24, 93-100.	1.0	3
34	Mass Transfer to Amalgamated Copper Rotating Disk Electrode. <i>Journal of Electrochemical Science and Technology</i> , 2012, 3, 165-171.	0.9	3
35	Experimental Determination of the Virtual Mass Coefficient for Two Spheres Accelerating in a Power Law Fluid. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 2010, 132, .	0.8	2
36	Biosorption of Cadmium Ions onto Garden Grass. <i>IOSR Journal of Engineering</i> , 2014, 4, 16-25.	0.1	2

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37	Competitive Biosorption of Lead Mercury Chromium and Arsenic Ions onto Activated Sludge in Batch Adsorber. Aquatic Science and Technology, 2012, 1, .	0.1	1