Habis Al-Zoubi

List of Publications by Year
in descending order

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22 papers	1,581 citations	471371 17 h-index	713332 21 g-index
22 all docs	22 docs citations	22 times ranked	1819 citing authors

#	Article	IF	Citations
1	A comprehensive review of nanofiltration membranes:Treatment, pretreatment, modelling, and atomic force microscopy. Desalination, 2004, 170, 281-308.	4.0	643
2	Characterisation of nanofiltration membranes using atomic force microscopy. Desalination, 2005, 177, 187-199.	4.0	140
3	Nanofiltration of highly concentrated salt solutions up to seawater salinity. Desalination, 2005, 184, 315-326.	4.0	131
4	Rejection and modelling of sulphate and potassium salts by nanofiltration membranes: neural network and Spieglerâ€“Kedem model. Desalination, 2007, 206, 42-60.	4.0	116
5	Prediction of permeate fluxes and rejections of highly concentrated salts in nanofiltration membranes. Journal of Membrane Science, 2007, 289, 40-50.	4.1	96
6	Removal of heavy metals from wastewater by economical polymeric collectors using dissolved air flotation process. Journal of Water Process Engineering, 2015, 8, 19-27.	2.6	52
7	Neural Networks Simulation of the Filtration of Sodium Chloride and Magnesium Chloride Solutions Using Nanofiltration Membranes. Chemical Engineering Research and Design, 2007, 85, 417-430.	2.7	48
8	Nanofiltration of Acid Mine Drainage. Desalination and Water Treatment, 2010, 21, 148-161.	1.0	45
9	Synthesis and characterisation of MWNT/chitosan and MWNT/chitosan-crosslinked buckypaper membranes for desalination. Desalination, 2017, 418, 60-70.	4.0	43
10	Rejection of salt mixtures from high saline by nanofiltration membranes. Korean Journal of Chemical Engineering, 2009, 26, 799-805.	1.2	41
11	Precipitation treatment of effluent acidic wastewater from phosphate-containing fertilizer industry: Characterization of solid and liquid products. Separation and Purification Technology, 2014, 123, 190-199.	3.9	37
12	Modelling the effects of nanofiltration membrane properties on system cost assessment for desalination applications. Desalination, 2007, 206, 215-225.	4.0	31
13	Atomic force microscopy study of membranes modified by surface grafting of cationic polyelectrolyte. Desalination, 2005, 184, 45-55.	4.0	27
14	Comparative Adsorption of Anionic Dyes (Eriochrome Black T and Congo Red) onto Jojoba Residues: Isotherm, Kinetics and Thermodynamic Studies. Arabian Journal for Science and Engineering, 2020, 45, 7275-7287.	1.7	25
15	A hybrid flotationâ€“membrane process for wastewater treatment: an overview. Desalination and Water Treatment, 2009, 7, 60-70.	1.0	22
16	Hybrid precipitation-nanofiltration treatment of effluent pond water from phosphoric acid industry. Desalination, 2017, 406, 88-97.	4.0	18
17	Sustainable vs. Conventional Approach for Olive Oil Wastewater Management: A Review of the State of the Art. Water (Switzerland), 2022, 14, 1695.	1.2	18
18	Treatment of a Jordanian Phosphate Mine Wastewater by Hybrid Dissolved Air Flotation and Nanofiltration. Mine Water and the Environment, 2012, 31, 214-224.	0.9	15

#	Article	IF	Citations
19	Design and feasibility study of an on-grid photovoltaic system for green electrification of hotels: a case study of Cedars hotel in Jordan. International Journal of Energy and Environmental Engineering, 2021, 12, 611-626.	1.3	15
20	A comprehensive review of air gap membrane distillation process. , 0, 110, 27-64.		9
21	Seeded crystallization of calcite and aragonite in seawater as a pretreatment scale control process, a study of supersaturation limits. Desalination and Water Treatment, 2009, 3, 236-240.	1.0	8
22	Grinding characteristics of torrefied and white wood biomass pellets for power plants application: laboratory and industrial scales. Journal of Mechanical Science and Technology, 2021, 35, 3407-3420.	0.7	1