

Abbas Ghassemi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11150979/publications.pdf>

Version: 2024-02-01

19
papers

706
citations

1162889

8
h-index

839398

18
g-index

19
all docs

19
docs citations

19
times ranked

1114
citing authors

#	ARTICLE	IF	CITATIONS
1	Life-Cycle Assessment (LCA) Analysis of Algal Fuels. <i>Methods in Molecular Biology</i> , 2019, 1980, 121-151.	0.4	3
2	A review of polymeric membranes and processes for potable water reuse. <i>Progress in Polymer Science</i> , 2018, 81, 209-237.	11.8	483
3	Brackish water desalination using electrodialysis: predictive mass transfer and concentration distribution model along the electro-dialyzer. <i>Water Science and Technology</i> , 2018, 77, 597-607.	1.2	5
4	Quantitative studies of electrodialysis performance. <i>Desalination</i> , 2018, 445, 159-169.	4.0	27
5	An empirical/theoretical model with dimensionless numbers to predict the performance of electrodialysis systems on the basis of operating conditions. <i>Water Research</i> , 2016, 98, 270-279.	5.3	22
6	Effects of electrode design on electrodialysis reversal performance. <i>Desalination and Water Treatment</i> , 2016, 57, 26539-26547.	1.0	1
7	High-recovery electrodialysis reversal for the desalination of inland brackish waters. <i>Desalination and Water Treatment</i> , 2016, 57, 11029-11039.	1.0	18
8	Effects of operating conditions on ion removal from brackish water using a pilot-scale electrodialysis reversal system. <i>Desalination and Water Treatment</i> , 2016, 57, 8657-8669.	1.0	20
9	A prediction model of mass transfer through an electrodialysis cell. <i>Desalination and Water Treatment</i> , 2016, 57, 22290-22303.	1.0	4
10	Characterization of reverse osmosis and nanofiltration membranes: effects of operating conditions and specific ion rejection. <i>Desalination and Water Treatment</i> , 2016, 57, 23461-23472.	1.0	21
11	Energy usage and carbon dioxide emission saving in desalination by using desalination concentrate and wastes in microalgae production. <i>Desalination and Water Treatment</i> , 2015, 54, 69-83.	1.0	3
12	Technical feasibility comparison of off-grid PV-EDR and PV-RO desalination systems via their energy consumption. <i>Separation and Purification Technology</i> , 2015, 151, 82-94.	3.9	48
13	A generic stoichiometric equation for microalgae-microorganism nexus by using clarified domestic wastewater as growth medium. <i>Desalination and Water Treatment</i> , 2013, 51, 6632-6640.	1.0	4
14	ASI: Hydrothermal extraction and characterization of bio-crude oils from wet <i>Chlorella sorokiniana</i> and <i>Dunaliella tertiolecta</i> . <i>Environmental Progress and Sustainable Energy</i> , 2013, 32, 910-915.	1.3	34
15	Complete sustainability in electrodialysis reversal desalination: reusing tertiary-treated municipal wastewater as feed in the concentrate stream and electrodes rinsing water. <i>Desalination and Water Treatment</i> , 2013, 51, 3215-3223.	1.0	3
16	Electrodialysis reversal desalination: monographs for the design parameters. <i>Desalination and Water Treatment</i> , 2012, 48, 106-119.	1.0	2
17	Modeling in desalination-electro-dialysis reversal. <i>Desalination and Water Treatment</i> , 2011, 27, 255-267.	1.0	4
18	Design of ILED for brackish groundwater: A literature review approach. <i>Desalination and Water Treatment</i> , 2010, 24, 150-175.	1.0	3

#	ARTICLE	IF	CITATIONS
19	Microalgal process for treatment of high conductivity concentrates from inland desalination. Desalination and Water Treatment, 0, , 1-9.	1.0	1