

# Mohammed Rasool Qtaishat

## List of Publications by Year in descending order

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Version: 2024-02-01

18  
papers

2,272  
citations

516215

16  
h-index

839053

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

2435  
citing authors

#	ARTICLE	IF	CITATIONS
1	Heat and mass transfer analysis in direct contact membrane distillation. <i>Desalination</i> , 2008, 219, 272-292.	4.0	402
2	Heavy metal ions removal from metal plating wastewater using electrocoagulation: Kinetic study and process performance. <i>Chemical Engineering Journal</i> , 2015, 260, 749-756.	6.6	394
3	Desalination by solar powered membrane distillation systems. <i>Desalination</i> , 2013, 308, 186-197.	4.0	314
4	The adsorption kinetics and modeling for heavy metals removal from wastewater by Moringa pods. <i>Journal of Environmental Chemical Engineering</i> , 2015, 3, 775-784.	3.3	196
5	Preparation and characterization of novel hydrophobic/hydrophilic polyetherimide composite membranes for desalination by direct contact membrane distillation. <i>Journal of Membrane Science</i> , 2009, 327, 264-273.	4.1	144
6	Design of novel direct contact membrane distillation membranes. <i>Desalination</i> , 2006, 192, 105-111.	4.0	142
7	Novel porous composite hydrophobic/hydrophilic polysulfone membranes for desalination by direct contact membrane distillation. <i>Journal of Membrane Science</i> , 2009, 341, 139-148.	4.1	122
8	Guidelines for preparation of higher flux hydrophobic/hydrophilic composite membranes for membrane distillation. <i>Journal of Membrane Science</i> , 2009, 329, 193-200.	4.1	115
9	Treatment of waters colored with methylene blue dye by vacuum membrane distillation. <i>Desalination</i> , 2005, 174, 87-96.	4.0	113
10	On the performance of real grey water treatment using a submerged membrane bioreactor system. <i>Journal of Membrane Science</i> , 2015, 476, 40-49.	4.1	90
11	Effects of hydrophilic surface macromolecule modifier loading on PES/O-g-C3N4 hybrid photocatalytic membrane for phenol removal. <i>Applied Surface Science</i> , 2019, 465, 180-191.	3.1	60
12	Concentration of sucrose solutions via vacuum membrane distillation. <i>Desalination</i> , 2006, 195, 60-68.	4.0	52
13	Effect of surface modifying macromolecules stoichiometric ratio on composite hydrophobic/hydrophilic membranes characteristics and performance in direct contact membrane distillation. <i>AIChE Journal</i> , 2009, 55, 3145-3151.	1.8	49
14	Porous hydrophobic/hydrophilic composite membranes preparation and application in DCMD desalination at higher temperatures. <i>Desalination</i> , 2006, 199, 180-181.	4.0	22
15	Comparing the desalination performance of SMM blended polyethersulfone to SMM blended polyetherimide membranes by direct contact membrane distillation. <i>Desalination and Water Treatment</i> , 2009, 5, 91-98.	1.0	21
16	Robust surface modified polyetherimide hollow fiber membrane for long-term desalination by membrane distillation. <i>Desalination</i> , 2019, 466, 107-117.	4.0	20
17	Fabrication and characterization of modified PVDF hollow fiber membrane coated with hydrophobic surface modifying macromolecules for desalination application. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105582.	3.3	9
18	Performance of PES/LSMM-OGCN Photocatalytic Membrane for Phenol Removal: Effect of OGCN Loading. <i>Membranes</i> , 2018, 8, 42.	1.4	7