

# Hacene H Mahmoudi

## List of Publications by Year in descending order

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43  
papers

1,522  
citations

535685

17  
h-index

488211

31  
g-index

45  
all docs

45  
docs citations

45  
times ranked

1939  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photocatalytic Nanocomposite Polymer-TiO <sub>2</sub> Membranes for Pollutant Removal from Wastewater. <i>Catalysts</i> , 2021, 11, 402.	1.6	15
2	Sustainable Development and Future Trends in Desalination Technology. , 2020, , 345-368.		0
3	Preparation and Characterization of TiO <sub>2</sub> -PVDF/PMMA Blend Membranes Using an Alternative Non-Toxic Solvent for UF/MF and Photocatalytic Application. <i>Molecules</i> , 2019, 24, 724.	1.7	67
4	Contribution of GIS and Hydraulic Modeling to the Management of Water Distribution Network. <i>Key Challenges in Geography</i> , 2019, , 125-150.	0.1	2
5	Coupling geothermal direct heat with agriculture. , 2018, , 277-300.		2
6	Management of a water distribution network by coupling GIS and hydraulic modeling: a case study of Chetouane in Algeria. <i>Applied Water Science</i> , 2017, 7, 1561-1567.	2.8	16
7	A critical overview of renewable energy technologies for desalination. , 2017, , 1-12.		1
8	Evaluating the Effects of Climate Change and Variability on Water Resources: A Case Study of the Cheliff Basin in Algeria. <i>American Journal of Engineering and Applied Sciences</i> , 2016, 9, 835-845.	0.3	23
9	Water Treatment by Electrodialysis. , 2016, , 2015-2015.		0
10	International Conference on Water and Energy (ICW&E™13) 16-17 December 2013, Chlef University, Algeria. <i>Desalination and Water Treatment</i> , 2016, 57, 5213-5214.	1.0	0
11	Solar desalination by air-gap membrane distillation: a case study from Algeria. <i>Desalination and Water Treatment</i> , 2016, 57, 22718-22725.	1.0	10
12	Effectiveness of a photocatalytic organic membrane for solar degradation of methylene blue pollutant. <i>Desalination and Water Treatment</i> , 2016, 57, 14067-14076.	1.0	19
13	Analysis of treated wastewater and feasibility for reuse in irrigation: a case study from Chlef, Algeria. <i>Desalination and Water Treatment</i> , 2016, 57, 5222-5231.	1.0	7
14	Water Desalination in Electrodialysis Applications. , 2016, , 1986-1987.		1
15	Water Recycling in Electroless Plating by Membrane Operations. , 2016, , 1999-2000.		0
16	Low-cost low-enthalpy geothermal heat for freshwater production: Innovative applications using thermal desalination processes. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 43, 196-206.	8.2	98
17	Renewable energy-driven desalination technologies: A comprehensive review on challenges and potential applications of integrated systems. <i>Desalination</i> , 2015, 356, 94-114.	4.0	408
18	Water Desalination in Electrodialysis Applications. , 2015, , 1-2.		1

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19	Water Recycling in Electroless Plating by Membrane Operations. , 2015, , 1-2.		0
20	Today's and Future Challenges in Applications of Renewable Energy Technologies for Desalination. Critical Reviews in Environmental Science and Technology, 2014, 44, 929-999.	6.6	49
21	Brackish water desalination in the Algerian Saharaâ€™ Plant design considerations for optimal resource exploitation. Desalination and Water Treatment, 2014, 52, 4040-4052.	1.0	7
22	Brackish water desalination in the Algerian Saharaâ€™ Plant design considerations for optimal resource exploitation**. Desalination and Water Treatment, 2014, 52, (ix)-(ix).	1.0	0
23	Efficiency and performance of a drinking water supply network for an urban cluster at Tlemcen Algeria. Desalination and Water Treatment, 2014, 52, 2165-2173.	1.0	6
24	Effect of climate change on water resources of the Algerian Middle Cheliff basin. Desalination and Water Treatment, 2014, 52, 2073-2081.	1.0	18
25	ISWEEâ€™11 Foreword. Procedia Engineering, 2012, 33, 1-2.	1.2	2
26	Scientific and Organizing Committees. Procedia Engineering, 2012, 33, 3-5.	1.2	0
27	Synthesis and Characterization of Polymeric/Activated Carbon Membranes. Procedia Engineering, 2012, 33, 47-51.	1.2	7
28	Development of a simulation model for a three-dimensional wind velocity field using TÃ©nÃ©s Algeria as a case study. Renewable and Sustainable Energy Reviews, 2012, 16, 29-36.	8.2	8
29	Development of an empirical model for fluoride removal from photovoltaic wastewater by electrocoagulation process. Desalination and Water Treatment, 2011, 29, 96-102.	1.0	45
30	Application of Renewable Energies for Water Desalination. , 2011, , .		7
31	Reasons for the Fast Growing Seawater Desalination Capacity in Algeria. Water Resources Management, 2011, 25, 2743-2754.	1.9	50
32	Membrane contactors for the oxygen and pH control in desalination. Journal of Membrane Science, 2011, 376, 207-213.	4.1	12
33	On the use of wind energy to power reverse osmosis desalination plant: A case study from TÃ©nÃ©s (Algeria). Renewable and Sustainable Energy Reviews, 2011, 15, 956-963.	8.2	55
34	Application of geothermal energy for heating and fresh water production in a brackish water greenhouse desalination unit: A case study from Algeria. Renewable and Sustainable Energy Reviews, 2010, 14, 512-517.	8.2	90
35	Improving the performance of a Seawater Greenhouse desalination system by assessment of simulation models for different condensers. Renewable and Sustainable Energy Reviews, 2010, 14, 2182-2188.	8.2	34
36	Water Desalination Using Geothermal Energy. Energies, 2010, 3, 1423-1442.	1.6	97

#	ARTICLE	IF	CITATIONS
37	Capacity building strategies and policy for desalination using renewable energies in Algeria. Renewable and Sustainable Energy Reviews, 2009, 13, 921-926.	8.2	60
38	Assessment of wind energy to power solar brackish water greenhouse desalination units: A case study from Algeria. Renewable and Sustainable Energy Reviews, 2009, 13, 2149-2155.	8.2	53
39	Use of ultrafiltration membranes in the treatment of refinery wastewaters. Desalination and Water Treatment, 2009, 5, 159-166.	1.0	13
40	Weather data and analysis of hybrid photovoltaic-wind power generation systems adapted to a seawater greenhouse desalination unit designed for arid coastal countries. Desalination, 2008, 222, 119-127.	4.0	90
41	Electrochemical treatment of chemical mechanical polishing wastewater: removal of fluoride " operating cost. Desalination, 2008, 223, 134-142.	4.0	73
42	Purification of water by activated carbon prepared from olive stones. Desalination, 2008, 222, 519-527.	4.0	59
43	Utilization of electrodialysis for the regeneration of granular activated carbon packed in beds saturated with H <sub>2</sub> S. Desalination, 2006, 200, 629-631.	4.0	7