

Motaseem N Saidan

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,108
citations

430754

18
h-index

414303

32
g-index

41
all docs

41
docs citations

41
times ranked

1247
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental study on the effect of dust deposition on solar photovoltaic panels in desert environment. <i>Renewable Energy</i> , 2016, 92, 499-505.	4.3	242
2	Wastes and biomass materials as sustainable-renewable energy resources for Jordan. <i>Renewable and Sustainable Energy Reviews</i> , 2017, 67, 295-314.	8.2	177
3	Solid waste composition analysis and recycling evaluation: Zaatari Syrian Refugees Camp, Jordan. <i>Waste Management</i> , 2017, 61, 58-66.	3.7	64
4	Leaching of Electronic Waste Using Biometabolised Acids. <i>Chinese Journal of Chemical Engineering</i> , 2012, 20, 530-534.	1.7	53
5	Potential Utilization of RDF as an Alternative Fuel to be Used in Cement Industry in Jordan. <i>Sustainability</i> , 2019, 11, 5819.	1.6	43
6	Energy saving in the process of bioethanol production from renewable paper mill sludge. <i>Energy</i> , 2020, 196, 117085.	4.5	37
7	Component analysis for optimal leakage management in Madaba, Jordan. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2018, 67, 384-396.	0.6	36
8	The Effect of Strict State Measures on the Epidemiologic Curve of COVID-19 Infection in the Context of a Developing Country: A Simulation from Jordan. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6530.	1.2	33
9	Evaluation of Biogas Production from the Co-Digestion of Municipal Food Waste and Wastewater Sludge at Refugee Camps Using an Automated Methane Potential Test System. <i>Energies</i> , 2019, 12, 32.	1.6	32
10	Estimation of the probable outbreak size of novel coronavirus (COVID-19) in social gathering events and industrial activities. <i>International Journal of Infectious Diseases</i> , 2020, 98, 321-327.	1.5	32
11	Utilization of hydrogen as clean energy resource in chlor-alkali process. <i>Energy Exploration and Exploitation</i> , 2019, 37, 1053-1072.	1.1	28
12	A preliminary solar-hydrogen system for Jordan: Impacts assessment and scenarios analysis. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 9211-9223.	3.8	27
13	Wastewater Reclamation in Major Jordanian Industries: A Viable Component of a Circular Economy. <i>Water (Switzerland)</i> , 2020, 12, 1276.	1.2	25
14	Baseline carbon emission assessment in water utilities in Jordan using ECAM tool. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2019, 68, 460-473.	0.6	24
15	Process Modification of Pharmaceutical Tablet Manufacturing Operations: An Eco-Efficiency Approach. <i>Processes</i> , 2018, 6, 15.	1.3	23
16	Halon management and ozone-depleting substances control in Jordan. <i>International Environmental Agreements: Politics, Law and Economics</i> , 2018, 18, 391-408.	1.5	22
17	Phosphorus recovery by struvite formation from Al Samra municipal wastewater treatment plant in Jordan. , 0, 146, 315-325.		20
18	Sludge dewatering with cyclodextrins. <i>Water Research</i> , 2007, 41, 1201-1206.	5.3	19

#	ARTICLE	IF	CITATIONS
19	Effect of flow rate, flow direction, and silica addition on the performance of membrane and the corrosion behavior of Pt/Ru/C catalyst in PEMFC. <i>Energy Conversion and Management</i> , 2013, 75, 36-43.	4.4	19
20	Estimation of Potential E-waste Generation in Jordan. <i>Ekoloji</i> , 2015, , 60-64.	0.4	19
21	Environmental Ethics as a Tool for Sustainable Water Resource Management. <i>Journal - American Water Works Association</i> , 2016, 108, E175.	0.2	18
22	Estimation of E-waste Generation, Residential Behavior, and Disposal Practices from Major Governorates in Jordan. <i>Environmental Management</i> , 2020, 66, 884-898.	1.2	17
23	Pyrolysis of Solid Waste for Bio-Oil and Char Production in Refugees' Camp: A Case Study. <i>Energies</i> , 2021, 14, 3861.	1.6	16
24	Potential Rainwater Harvesting: An Adaptation Measure for Urban Areas in Jordan. <i>Journal - American Water Works Association</i> , 2015, 107, E594.	0.2	15
25	Assessment of On-Site Treatment Process of Institutional Building's Wastewater. <i>Processes</i> , 2018, 6, 26.	1.3	14
26	Key aspects and feasibility assessment of a proposed wind farm in Jordan. <i>International Journal of Low-Carbon Technologies</i> , 2020, 15, 97-105.	1.2	11
27	Effect of bromide and other factors on brominated trihalomethanes formation in treated water supply in Jordan. <i>Desalination and Water Treatment</i> , 2016, 57, 15304-15313.	1.0	9
28	Cross-sectional survey of non-hazardous waste composition and quantities in industrial sector and potential recycling in Jordan. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2019, 12, 100227.	1.7	8
29	Techno-Economic Evaluation of On-Grid Battery Energy Storage System in Jordan using Homer Pro. , 2019, , .		6
30	Solid Waste Characterization and Recycling in Syrian Refugees Hosting Communities in Jordan. <i>Springer Water</i> , 2020, , 281-293.	0.2	4
31	Estimation of industrial water demand and reclamation in Jordan: A cross-sectional analysis. <i>Water Resources and Industry</i> , 2020, 23, 100129.	1.9	3
32	Scale and Impacts of Livelihoods Development on Women Empowerment in the Solid Waste Sector of Jordan. <i>Detritus</i> , 2020, , 212-224.	0.4	3
33	Improvement of linerboard compressive strength by hot-pressing and addition of recovered lignin from spent pulping liquor. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2015, 21, 107-112.	0.4	2
34	Determination of trihalomethanes levels in a selected area of Amman's drinking water distribution system: case study. <i>Desalination and Water Treatment</i> , 2015, 54, 642-653.	1.0	2
35	Environmental meso-economics in university curriculum: new master program in environmental technology and management. <i>Clean Technologies and Environmental Policy</i> , 2011, 13, 191-194.	2.1	1
36	COVID-19 Outbreak in Jordan: A 150 Days of Successful Response and Re-Open Strategy. <i>Studies in Systems, Decision and Control</i> , 2021, , 81-93.	0.8	1

#	ARTICLE	IF	CITATIONS
37	PCDD/Fs into sediments of Aqaba Coastal City, Jordan: the relation to atmospheric pollution. , 0, 104, 91-98.		1
38	Carbon Footprint of Royal Jordanian Airlines Ground and Air Operations. Journal of Public Administration and Governance, 2012, 2, 11.	0.1	0
39	Opportunities of "Waste to (positive) Energy" project in refugees-hosting communities. Proceedings of Institution of Civil Engineers: Waste and Resource Management, 2020, 173, 65-78.	0.9	0
40	Multiple disinfection processes of Legionella pneumophila positive in hotels' water distribution systems in Jordan. , 0, 163, 7-16.		0