

Esra Aleisa

List of Publications by Year in descending order

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29
papers

335
citations

1163065

8
h-index

839512

18
g-index

30
all docs

30
docs citations

30
times ranked

313
citing authors

#	ARTICLE	IF	CITATIONS
1	Environmental and economic analysis for desalinating seawater of high salinity using reverse osmosis: a life cycle assessment approach. <i>Environment, Development and Sustainability</i> , 2023, 25, 4539-4574.	5.0	5
2	Multicriteria optimization for electric vehicles in an arid oil state based on a triple bottom line approach. <i>International Journal of Life Cycle Assessment</i> , 2022, 27, 138-156.	4.7	2
3	Leveraging Life Cycle Assessment to Better Promote the Circular Economy: A First Step Using the Concept of Opportunity Cost. <i>Sustainability</i> , 2022, 14, 3451.	3.2	3
4	Reconciling water circularity through reverse osmosis for wastewater treatment for a hyper-arid climate: a life cycle assessment. <i>Sustainable Water Resources Management</i> , 2022, 8, 1.	2.1	1
5	Comparing Tertiary Wastewater Treatment to Seawater Desalination Using Life Cycle Assessment. <i>Handbook of Environmental Chemistry</i> , 2022, , 307-330.	0.4	0
6	Life Cycle Assessment for Tertiary Wastewater Treatment and Reuse versus Seawater Desalination. <i>IOP Conference Series: Earth and Environmental Science</i> , 2022, 1026, 012001.	0.3	1
7	Assessing Seawater Desalination using Reverse Osmosis and Multi-effect Distillation for Kuwait using Life Cycle Assessment: fossil fuels versus solar power. <i>IOP Conference Series: Earth and Environmental Science</i> , 2022, 1026, 012025.	0.3	1
8	Recirculating treated sewage sludge for agricultural use: Life cycle assessment for a circular economy. <i>Waste Management</i> , 2021, 135, 79-89.	7.4	29
9	The effect of geological and meteorological conditions on municipal waste management systems: a life cycle assessment approach. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 485-494.	3.5	5
10	Ecological-economic modeling to optimize a desalination policy: Case study of an arid rentier state. <i>Desalination</i> , 2018, 430, 64-73.	8.2	29
11	A triple bottom line evaluation of solid waste management strategies: a case study for an arid Gulf State, Kuwait. <i>International Journal of Life Cycle Assessment</i> , 2018, 23, 1460-1475.	4.7	28
12	Characterizing the fossil fuel impacts in water desalination plants in Kuwait: A Life Cycle Assessment approach. <i>Energy</i> , 2018, 158, 681-692.	8.8	43
13	The fire station location problem: a literature survey. <i>International Journal of Emergency Management</i> , 2018, 14, 291.	0.0	2
14	Wastewater reuse in the countries of the Gulf Cooperation Council (GCC): the lost opportunity. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 553.	2.7	51
15	Simulation Modeling and Analysis of Fire Fighting Operations in the State of Kuwait. <i>International Journal of Information Systems and Supply Chain Management</i> , 2015, 8, 31-48.	0.9	0
16	Analysis on the suitability of exploiting oil-contaminated soils in wearing layer of Asphalt concrete. <i>European Journal of Environmental and Civil Engineering</i> , 2014, 18, 223-240.	2.1	0
17	A baseline study characterizing the municipal solid waste in the State of Kuwait. <i>Waste Management</i> , 2014, 34, 952-960.	7.4	75
18	A metaheuristic approach for location of gas stations in a metropolitan area. <i>International Journal of Operational Research</i> , 2014, 21, 172.	0.2	2

#	ARTICLE	IF	CITATIONS
19	Response Time Analysis of Firefighting Operations Using Discrete Event Simulation. , 2014, , .		0
20	Modeling of Firefighting Operations through Discrete Event Simulation. International Journal of Computer Theory and Engineering, 2013, , 678-682.	3.4	5
21	Using discrete-event simulation to evaluate a new master plan for a sanitary infrastructure. , 2012, , .		1
22	A simulation-based evaluation for a strategic residential wastewater network master plan. , 2011, , .		0
23	Team Formation in Concurrent Engineering Using Group Technology (GT) Concepts. Concurrent Engineering Research and Applications, 2011, 19, 213-224.	3.2	9
24	Design and management of a sewage pit through discrete-event simulation. Simulation, 2011, 87, 989-1001.	1.8	5
25	Accelerating design convergence using the degree of permissible concurrency. , 2009, , .		0
26	Application of discrete event simulation to design and management of waste water pit. , 2009, , .		2
27	Sequencing of design tasks based on the degree of permissible concurrency. International Journal of Applied Management Science, 2009, 1, 367.	0.2	6
28	For Effective Facilities Planning: Layout Optimization Then Simulation, or Vice Versa?. , 0, , .		16
29	Abstraction Hierarchies for Conceptual Engineering Design. , 0, , .		0