

Awsan Mohammed

List of Publications by Year in descending order

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16
papers

238
citations

1307594

7
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

142
citing authors

#	ARTICLE	IF	CITATIONS
1	An integrated decision support system for mobile crane selection. Expert Systems With Applications, 2022, 189, 116053.	7.6	7
2	Performance evaluation and feasibility analysis of 10 kWp PV system for residential buildings in Saudi Arabia. Sustainable Energy Technologies and Assessments, 2022, 51, 101920.	2.7	5
3	Operational Energy and Carbon Cost Assessment Model for Family Houses in Saudi Arabia. Sustainability, 2022, 14, 1278.	3.2	7
4	A neural network-based model for estimating the delivery time of oxygen gas cylinders during COVID-19 pandemic. Neural Computing and Applications, 2022, , 1-19.	5.6	1
5	Multi-objective optimization of a photovoltaic-wind- grid connected system to power reverse osmosis desalination plant. Energy, 2022, 251, 123888.	8.8	33
6	An Optimization Model for Sizing a Hybrid Photovoltaic-Wind-Grid-Connected System in Saudi Arabia. Process Integration and Optimization for Sustainability, 2022, 6, 1027-1042.	2.6	7
7	A regression-based model for estimating the energy consumption of school facilities in Saudi Arabia. Energy and Buildings, 2021, 237, 110809.	6.7	17
8	A multi-objective optimization model for sizing decisions of a grid-connected photovoltaic system. Energy, 2021, 229, 120730.	8.8	21
9	The Role of Blockchain in Improving the Processes and Workflows in Construction Projects. Applied Sciences (Switzerland), 2021, 11, 8835.	2.5	7
10	Two-machine scheduling with aging effects and variable maintenance activities. Computers and Industrial Engineering, 2021, 160, 107586.	6.3	6
11	Optimization of a solar-wind- grid powered desalination system in Saudi Arabia. Renewable Energy, 2021, 178, 295-306.	8.9	37
12	Impact of Industry 4.0 and Lean Manufacturing on the Sustainability Performance of Plastic and Petrochemical Organizations in Saudi Arabia. Sustainability, 2021, 13, 11252.	3.2	18
13	A tabu search based algorithm for the optimal design of multi-objective multi-product supply chain networks. Expert Systems With Applications, 2020, 140, 112808.	7.6	49
14	Deploying Municipal Solid Waste Management 3R-WTE Framework in Saudi Arabia: Challenges and Future. Sustainability, 2020, 12, 5711.	3.2	17
15	Reliability-Based Preventive Maintenance Strategy of Truck Unloading Systems. Applied Sciences (Switzerland), 2020, 10, 6957.	2.5	5
16	A Meta-Heuristic Algorithm Based on Simulated Annealing for Designing Multi-Objective Supply Chain Systems. , 2019, , .		1