Khaled Ali Abuhasel

List of Publications by Year
in descending order

26 papers	**444** citations	1051969 **10** h-index
26 all docs	**26** docs citations	**26** times ranked

889612 **19** g-index
363 citing authors

#	Article	IF	Citations
1	Analyzing and forecasting <scp>COVID</scp>‐19 pandemic in the Kingdom of Saudi Arabia using <scp>ARIMA</scp> and <scp>SIR</scp> models. Computational Intelligence, 2022, 38, 770-783.	2.1	18
2	An evolutionary multi-hidden Markov model for intelligent threat sensing in industrial internet of things. Journal of Supercomputing, 2021, 77, 6236-6250.	2.4	17
3	Role of Magnesium Salts in Coal De-Ashing by Flotation. Tenside, Surfactants, Detergents, 2021, 58, 51-58.	0.5	1
4	Latex-Based Membrane for Oily Wastewater Filtration: Study on the Sulfur Concentration Effect. Applied Sciences (Switzerland), 2021, 11, 1779.	1.3	7
5	Electrospun Nanofibrous Scaffolds: Review of Current Progress in the Properties and Manufacturing Process, and Possible Applications for COVID-19. Polymers, 2021, 13, 916.	2.0	14
6	Oily Wastewater Treatment: Overview of Conventional and Modern Methods, Challenges, and Future Opportunities. Water (Switzerland), 2021, 13, 980.	1.2	126
7	Experimental Investigation of a Pilot Solar-Assisted Permeate Gap Membrane Distillation. Membranes, 2021, 11, 336.	1.4	5
8	A Comparative Analysis of Hidden Markov Model, Hybrid Support Vector Machines, and Hybrid Artificial Neural Fuzzy Inference System in Reservoir Inflow Forecasting (Case Study: The King Fahd) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50		
9	Development of Environment-Friendly Membrane for Oily Industrial Wastewater Filtration. Membranes, 2021, 11, 614.	1.4	5
10	SPI-Based Hybrid Hidden Markov‐GA, ARIMA‐GA, and ARIMA‐GA‐ANN Models for Meteorological Drought Forecasting. Sustainability, 2021, 13, 12576.	1.6	12
11	A Secure Industrial Internet of Things (IIoT) Framework for Resource Management in Smart Manufacturing. IEEE Access, 2020, 8, 117354-117364.	2.6	69
12	Surface Disinfection to Protect against Microorganisms: Overview of Traditional Methods and Issues of Emergent Nanotechnologies. Applied Sciences (Switzerland), 2020, 10, 6040.	1.3	18
13	Machine learning approach to handle data‐driven model for simulation and forecasting of the cone crusher output in the stone crushing plant. Computational Intelligence, 2020, 37, 1098.	2.1	4
14	Modeling, Simulation, and Optimization of a Solar-Based System of Desalination Using Humidification and Dehumidification. Applied Sciences (Switzerland), 2020, 10, 3361.	1.3	2
15	Nonlinear Robust Optimal Control via Adaptive Dynamic Programming of Permanent-Magnet Linear Synchronous Motor Drive for Uncertain Two-Axis Motion Control System. IEEE Transactions on Industry Applications, 2020, 56, 1940-1952.	3.3	36
16	Robust Adaptive Neural-Network Backstepping Control Design for High-Speed Permanent-Magnet Synchronous Motor Drives: Theory and Experiments. IEEE Access, 2019, 7, 99327-99348.	2.6	28
17	Optimization and Simulation of Operation Performance in Crushing Plants Using Fuzzy Modelling. Journal of Systems Science and Systems Engineering, 2019, 28, 766-780.	0.8	1
18	Adaptive RCMAC Neural Network Dynamic Surface Control for Permanent-Magnet Synchronous Motors Driven Two-Axis X-Y Table. IEEE Access, 2019, 7, 38068-38084.	2.6	17

#	Article	IF	Citations
19	A Comparative Study of Regression Model and the Adaptive Neuro-Fuzzy Conjecture Systems for Predicting Energy Consumption for Jaw Crusher. Applied Sciences (Switzerland), 2019, 9, 3916.	1.3	7
20	Robust adaptive dynamic surface control using recurrent cerebellar model articulation controller-based function link neural network for two-axis motion control systems. , 2017, , .		4
21	Role of cerium, lanthanum, and strontium additions in an Al â€" Si â€" Mg (A356) alloy. International Journal of Materials Research, 2016, 107, 446-458.	0.1	15
22	A quantum-based image fidelity metric. , 2015, , .		7
23	Self-organizing recurrent fuzzy wavelet neural network-based mixed H2/Hˆž adaptive tracking control for uncertain two-axis motion control system. , 2015, , .		7
24	A commixed modified Gram-Schmidt and region growing mechanism for white blood cell image segmentation. , 2015, , .		4
25	Aridity as a factor in estimating the lifespan of electronic systems. , 2015, , .		2
26	Principal component analysis-based neural network with fuzzy membership function for epileptic seizure detection. , 2014, , .		7