

Xianjun Du

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

370
citations

1307594

7
h-index

996975

15
g-index

24
all docs

24
docs citations

24
times ranked

305
citing authors

#	ARTICLE	IF	CITATIONS
1	Research on the membrane fouling diagnosis of MBR membrane module based on ECA-CNN. Journal of Environmental Chemical Engineering, 2022, 10, 107649.	6.7	12
2	Implementation of smart social distancing for COVID-19 based on deep learning algorithm. Multimedia Tools and Applications, 2022, 81, 33569-33589.	3.9	8
3	Membrane fouling diagnosis of membrane components based on multi-feature information fusion. Journal of Membrane Science, 2022, 657, 120670.	8.2	10
4	Rolling Bearing Fault Classification Based on Stacked Denoising Auto Encoders. IOP Conference Series: Earth and Environmental Science, 2021, 769, 042085.	0.3	3
5	Recent Advances in the Prediction of Fouling in Membrane Bioreactors. Membranes, 2021, 11, 381.	3.0	32
6	An Intelligent Optimization-Based Particle Filter for Fault Diagnosis. IEEE Access, 2021, 9, 87839-87848.	4.2	6
7	MSCNN Based Remaining Useful Life Prediction for Bearings. , 2021, , .		0
8	BOD5 prediction based on PSO optimized BP neural network. , 2021, , .		2
9	Fault Diagnosis of TE Process Using LSTM-RNN Neural Network and BP Model. , 2021, , .		1
10	Improved butterfly algorithm optimizing ELM network parameters and its application in tennessee-eastman process. , 2021, , .		0
11	Optimal Parameter Estimation in Activated Sludge Process Based Wastewater Treatment Practice. Water (Switzerland), 2020, 12, 2604.	2.7	7
12	ATLA: A novel metaheuristic optimization algorithm inspired by the mating search behavior of longicorn beetles in the nature. IOP Conference Series: Materials Science and Engineering, 2020, 782, 052028.	0.6	7
13	A Novel RO/FO Hybrid Seawater Desalination System and Its Software Implementation. IOP Conference Series: Materials Science and Engineering, 2020, 782, 042027.	0.6	0
14	A Review on the Mechanism, Impacts and Control Methods of Membrane Fouling in MBR System. Membranes, 2020, 10, 24.	3.0	155
15	A Real-time BOD Estimation Method in Wastewater Treatment Process Based on an Optimized Extreme Learning Machine. Applied Sciences (Switzerland), 2019, 9, 523.	2.5	20
16	Parameter estimation of activated sludge process based on an improved cuckoo search algorithm. Bioresource Technology, 2018, 249, 447-456.	9.6	14
17	Application of firefly algorithm intelligent optimization particle filter in dynamic harmonic detection of power system. IOP Conference Series: Materials Science and Engineering, 2018, 439, 032015.	0.6	1
18	Dissolved Oxygen Control in Activated Sludge Process Using a Neural Network-Based Adaptive PID Algorithm. Applied Sciences (Switzerland), 2018, 8, 261.	2.5	80

#	ARTICLE	IF	CITATIONS
19	A review on the electrochemical treatment of the salty organic wastewater. IOP Conference Series: Materials Science and Engineering, 2015, 87, 012037.	0.6	7
20	Secondary vocational school professional backbone teachers provincial training work of analysis and research. , 2014, , .		0
21	A new Temperature Control Strategy for Foam Glass Kiln and its Application. , 2012, , .		0
22	Study on Modeling and Simulation of BSM1 with Matlab. Lecture Notes in Electrical Engineering, 2012, , 861-866.	0.4	2
23	Using LS-SVM inverse model on actuator fault diagnosis and accommodation for nonlinear systems. , 2010, , .		1
24	A New Method of Microscopic Images' Automatic Mosaicing. , 2009, , .		2