

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
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24
all docs

24
docs citations

24
times ranked

305
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review on the Mechanism, Impacts and Control Methods of Membrane Fouling in MBR System. Membranes, 2020, 10, 24.	3.0	155
2	Dissolved Oxygen Control in Activated Sludge Process Using a Neural Network-Based Adaptive PID Algorithm. Applied Sciences (Switzerland), 2018, 8, 261.	2.5	80
3	Recent Advances in the Prediction of Fouling in Membrane Bioreactors. Membranes, 2021, 11, 381.	3.0	32
4	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
5	Parameter estimation of activated sludge process based on an improved cuckoo search algorithm. Bioresource Technology, 2018, 249, 447-456.	9.6	14
6	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
7	Membrane fouling diagnosis of membrane components based on multi-feature information fusion. Journal of Membrane Science, 2022, 657, 120670.	8.2	10
8	Implementation of smart social distancing for COVID-19 based on deep learning algorithm. Multimedia Tools and Applications, 2022, 81, 33569-33589.	3.9	8
9	A review on the electrochemical treatment of the salty organic wastewater. IOP Conference Series: Materials Science and Engineering, 2015, 87, 012037.	0.6	7
10	Optimal Parameter Estimation in Activated Sludge Process Based Wastewater Treatment Practice. Water (Switzerland), 2020, 12, 2604.	2.7	7
11	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
12	An Intelligent Optimization-Based Particle Filter for Fault Diagnosis. IEEE Access, 2021, 9, 87839-87848.	4.2	6
13	Rolling Bearing Fault Classification Based on Stacked Denoising Auto Encoders. IOP Conference Series: Earth and Environmental Science, 2021, 769, 042085.	0.3	3
14	A New Method of Microscopic Images' Automatic Mosaicing. , 2009, , .		2
15	Study on Modeling and Simulation of BSM1 with Matlab. Lecture Notes in Electrical Engineering, 2012, , 861-866.	0.4	2
16	BOD5 prediction based on PSO optimized BP neural network. , 2021, , .		2
17	Using LS-SVM inverse model on actuator fault diagnosis and accommodation for nonlinear systems. , 2010, , .		1
18	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

#	ARTICLE	IF	CITATIONS
19	Fault Diagnosis of TE Process Using LSTM-RNN Neural Network and BP Model. , 2021, , .		1
20	A new Temperature Control Strategy for Foam Glass Kiln and its Application. , 2012, , .		0
21	Secondary vocational school professional backbone teachers provincial training work of analysis and research. , 2014, , .		0
22	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
23	MSCNN Based Remaining Useful Life Prediction for Bearings. , 2021, , .		0
24	Improved butterfly algorithm optimizing ELM network parameters and its application in tennessee-eastman process. , 2021, , .		0