Shiwen Xie

List of Publications by Year
in descending order

18 papers	325 citations	759233 12 h-index	996975 15 g-index
18 all docs	18 docs citations	18 times ranked	245 citing authors

#	Article	IF	Citations
1	Optimization of aluminum fluoride addition in aluminum electrolysis process based on pruned sparse fuzzy neural network. ISA Transactions, 2023, 133, 285-301.	5.7	4
2	Cooperative particle swarm optimizer with depth first search strategy for global optimization of multimodal functions. Applied Intelligence, 2022, 52, 10161-10180.	5.3	7
3	Multiobjective-Based Optimization and Control for Iron Removal Process Under Dynamic Environment. IEEE Transactions on Industrial Informatics, 2021, 17, 569-577.	11.3	14
4	Distributed process monitoring based on joint mutual information and projective dictionary pair learning. Journal of Process Control, 2021, 106, 130-141.	3.3	13
5	Development of Domain Knowledge Graph: A Case Study on Flotation Process. , 2021, , .		1
6	Broad learning system based on Elastic Net feature sparsity and dense. , 2021, , .		0
7	Neurofuzzy-Based Plant-Wide Hierarchical Coordinating Optimization and Control: An Application to Zinc Hydrometallurgy Plant. IEEE Transactions on Industrial Electronics, 2020, 67, 2207-2219.	7.9	33
8	Fuzzy association rule-based set-point adaptive optimization and control for the flotation process. Neural Computing and Applications, 2020, 32, 14019-14029.	5.6	17
9	Generalized Predictive Control for Industrial Processes Based on Neuron Adaptive Splitting and Merging RBF Neural Network. IEEE Transactions on Industrial Electronics, 2019, 66, 1192-1202.	7.9	54
10	Shape-weighted bubble size distribution based reagent predictive control for the antimony flotation process. Chemometrics and Intelligent Laboratory Systems, 2019, 192, 103821.	3.5	12
11	Hybrid fuzzy control for the goethite process in zinc production plant combining type-1 and type-2 fuzzy logics. Neurocomputing, 2019, 366, 170-177.	5.9	19
12	A two-layer optimization and control strategy for zinc hydrometallurgy process based on RBF neural network soft-sensor. , 2019, , .		1
13	Data-driven-based adaptive fuzzy neural network control for the antimony flotation plant. Journal of the Franklin Institute, 2019, 356, 5944-5960.	3.4	21
14	On-line prediction of ferrous ion concentration in goethite process based on self-adjusting structure RBF neural network. Neural Networks, 2019, 116, 1-10.	5.9	24
15	A Hybrid Control Strategy for Real-Time Control of the Iron Removal Process of the Zinc Hydrometallurgy Plants. IEEE Transactions on Industrial Informatics, 2018, 14, 5278-5288.	11.3	27
16	Distributed parameter modeling and optimal control of the oxidation rate in the iron removal process. Journal of Process Control, 2018, 61, 47-57.	3.3	12
17	Weighted-coupling CSTR modeling and model predictive control with parameter adaptive correction for the goethite process. Journal of Process Control, 2018, 68, 254-267.	3.3	17
18	An integrated predictive model with an on-line updating strategy for iron precipitation in zinc hydrometallurgy. Hydrometallurgy, 2015, 151, 62-72.	4.3	49