

Wenli Du

List of Publications by Year in descending order

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135
papers

2,643
citations

279798

23
h-index

243625

44
g-index

137
all docs

137
docs citations

137
times ranked

2175
citing authors

#	ARTICLE	IF	CITATIONS
1	Visualizing RNA dynamics in live cells with bright and stable fluorescent RNAs. <i>Nature Biotechnology</i> , 2019, 37, 1287-1293.	17.5	206
2	Biogeography-based learning particle swarm optimization. <i>Soft Computing</i> , 2017, 21, 7519-7541.	3.6	175
3	Secure Communication Based on Quantized Synchronization of Chaotic Neural Networks Under an Event-Triggered Strategy. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020, 31, 3334-3345.	11.3	136
4	Multiagent Systems on Multilayer Networks: Synchronization Analysis and Network Design. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017, 47, 1655-1667.	9.3	110
5	Heterojunction-redox catalysts of Fe _x Co _y Mg ₁₀ CaO for high-temperature CO ₂ capture and <i>in situ</i> conversion in the context of green manufacturing. <i>Energy and Environmental Science</i> , 2021, 14, 2291-2301.	30.8	86
6	Geometric Structural Ensemble Learning for Imbalanced Problems. <i>IEEE Transactions on Cybernetics</i> , 2020, 50, 1617-1629.	9.5	84
7	Multi-objective differential evolution with ranking-based mutation operator and its application in chemical process optimization. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2014, 136, 85-96.	3.5	82
8	Secure Control of Multiagent Systems Against Malicious Attacks: A Brief Survey. <i>IEEE Transactions on Industrial Informatics</i> , 2022, 18, 3595-3608.	11.3	82
9	Large-scale industrial energy systems optimization under uncertainty: A data-driven robust optimization approach. <i>Applied Energy</i> , 2020, 259, 114199.	10.1	81
10	High-Dimensional Robust Multi-Objective Optimization for Order Scheduling: A Decision Variable Classification Approach. <i>IEEE Transactions on Industrial Informatics</i> , 2019, 15, 293-304.	11.3	73
11	Neural network aided approximation and parameter inference of non-Markovian models of gene expression. <i>Nature Communications</i> , 2021, 12, 2618.	12.8	71
12	Ternary Compression for Communication-Efficient Federated Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2022, 33, 1162-1176.	11.3	64
13	Biogeography-based optimization with covariance matrix based migration. <i>Applied Soft Computing Journal</i> , 2016, 45, 71-85.	7.2	61
14	Online Performance Monitoring and Modeling Paradigm Based on Just-in-Time Learning and Extreme Learning Machine for a Non-Gaussian Chemical Process. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 6671-6684.	3.7	43
15	An adaptive decomposition-based evolutionary algorithm for many-objective optimization. <i>Information Sciences</i> , 2019, 491, 204-222.	6.9	43
16	Distributed State-of-Charge Balance Control With Event-Triggered Signal Transmissions for Multiple Energy Storage Systems in Smart Grid. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019, 49, 1601-1611.	9.3	37
17	Teaching-Learning-Based Optimization with Learning Enthusiasm Mechanism and Its Application in Chemical Engineering. <i>Journal of Applied Mathematics</i> , 2018, 2018, 1-19.	0.9	36
18	Synchronization analysis of heterogeneous dynamical networks. <i>Neurocomputing</i> , 2013, 104, 146-154.	5.9	35

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19	Modeling and Optimization of a Steam System in a Chemical Plant Containing Multiple Direct Drive Steam Turbines. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 11021-11032.	3.7	34
20	A novel adaptive algorithm with near-infrared spectroscopy and its application in online gasoline blending processes. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2015, 140, 117-125.	3.5	28
21	Online updating of NIR model and its industrial application via adaptive wavelength selection and local regression strategy. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2014, 134, 79-88.	3.5	26
22	Development of a Free Radical Kinetic Model for Industrial Oxidation of <i>p</i> -Xylene Based on Artificial Neural Network and Adaptive Immune Genetic Algorithm. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 3229-3237.	3.7	25
23	Perception and Navigation in Autonomous Systems in the Era of Learning: A Survey. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 9604-9624.	11.3	25
24	Modeling and Optimization of the Steam Turbine Network of an Ethylene Plant. <i>Chinese Journal of Chemical Engineering</i> , 2013, 21, 520-528.	3.5	23
25	Hybrid gradient particle swarm optimization for dynamic optimization problems of chemical processes. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2013, 8, 708-720.	1.5	22
26	FLDNet: Frame-Level Distilling Neural Network for EEG Emotion Recognition. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021, 25, 2533-2544.	6.3	22
27	Data-driven adaptive robust optimization for energy systems in ethylene plant under demand uncertainty. <i>Applied Energy</i> , 2022, 307, 118148.	10.1	22
28	Optimization of <i>p</i> -xylene oxidation reaction process based on self-adaptive multi-objective differential evolution. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2013, 127, 55-62.	3.5	21
29	Solving chemical dynamic optimization problems with ranking-based differential evolution algorithms. <i>Chinese Journal of Chemical Engineering</i> , 2016, 24, 1600-1608.	3.5	21
30	A Fast Multi-Objective Particle Swarm Optimization Algorithm Based on a New Archive Updating Mechanism. <i>IEEE Access</i> , 2020, 8, 124734-124754.	4.2	21
31	A microporous surface containing Si ₃ N ₄ /Ta microparticles of PEKK exhibits both antibacterial and osteogenic activity for inducing cellular response and improving osseointegration. <i>Bioactive Materials</i> , 2021, 6, 3136-3149.	15.6	21
32	Adaptive Sampling for Surrogate Modelling with Artificial Neural Network and its Application in an Industrial Cracking Furnace. <i>Canadian Journal of Chemical Engineering</i> , 2016, 94, 262-272.	1.7	20
33	Multi-objective modeling and optimization for scheduling of cracking furnace systems. <i>Chinese Journal of Chemical Engineering</i> , 2017, 25, 992-999.	3.5	20
34	Semantic Supplementary Network With Prior Information for Multi-Label Image Classification. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2022, 32, 1848-1859.	8.3	20
35	EEG Emotion Recognition Based on 3-D Feature Representation and Dilated Fully Convolutional Networks. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2021, 13, 885-897.	3.8	20
36	Geometric imbalanced deep learning with feature scaling and boundary sample mining. <i>Pattern Recognition</i> , 2022, 126, 108564.	8.1	19

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37	Synchronization control in multiplex networks of nonlinear multi-agent systems. <i>Chaos</i> , 2017, 27, 123104.	2.5	18
38	A Just-in-Time Learning Based Monitoring and Classification Method for Hyper/Hypocalcemia Diagnosis. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2018, 15, 788-801.	3.0	18
39	Entropy-based hybrid sampling ensemble learning for imbalanced data. <i>International Journal of Intelligent Systems</i> , 2021, 36, 3039-3067.	5.7	18
40	A federated data-driven evolutionary algorithm. <i>Knowledge-Based Systems</i> , 2021, 233, 107532.	7.1	18
41	Near-Infrared Wavelength-Selection Method Based on Joint Mutual Information and Weighted Bootstrap Sampling. <i>IEEE Transactions on Industrial Informatics</i> , 2020, 16, 5884-5894.	11.3	18
42	A Survey on Knee-Oriented Multiobjective Evolutionary Optimization. <i>IEEE Transactions on Evolutionary Computation</i> , 2022, 26, 1452-1472.	10.0	18
43	Integrated Dual-Production Mode Modeling and Multiobjective Optimization of an Industrial Continuous Catalytic Naphtha Reforming Process. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 5714-5725.	3.7	17
44	Autonomous Control Strategy for Microgrid Operating Modes Smooth Transition. <i>IEEE Access</i> , 2020, 8, 142159-142172.	4.2	17
45	Distributed Voltage Regulation for Low-Voltage and High-PV-Penetration Networks With Battery Energy Storage Systems Subject to Communication Delay. <i>IEEE Transactions on Control Systems Technology</i> , 2022, 30, 426-433.	5.2	17
46	Modeling and Optimization of the Cement Calcination Process for Reducing NO _x Emission Using an Improved Just-In-Time Gaussian Mixture Regression. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 4987-4999.	3.7	16
47	Development of a Hybrid Model for Industrial Ethylene Oxide Reactor. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 6926-6932.	3.7	15
48	Entropy and gravitation based dynamic radius nearest neighbor classification for imbalanced problem. <i>Knowledge-Based Systems</i> , 2020, 193, 105474.	7.1	15
49	Global Convergence Guarantees of (A)GIST for a Family of Nonconvex Sparse Learning Problems. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 3276-3288.	9.5	15
50	Data-Driven Stochastic Robust Optimization for Industrial Energy System Considering Renewable Energy Penetration. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 3690-3703.	6.7	15
51	Multi-Objective Optimization of Pseudo-Dynamic Operation of Naphtha Pyrolysis by a Surrogate Model. <i>Chemical Engineering and Technology</i> , 2015, 38, 900-906.	1.5	14
52	Weighted incremental minimax probability machine-based method for quality prediction in gasoline blending process. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2020, 196, 103909.	3.5	14
53	BLSTM and CNN Stacking Architecture for Speech Emotion Recognition. <i>Neural Processing Letters</i> , 2021, 53, 4097-4115.	3.2	14
54	Learning to Capture the Query Distribution for Few-Shot Learning. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2022, 32, 4163-4173.	8.3	14

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55	A Novel Integrated Approach to Characterization of Petroleum Naphtha Properties From Near-Infrared Spectroscopy. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-13.	4.7	13
56	A federated data-driven evolutionary algorithm for expensive multi-/many-objective optimization. <i>Complex & Intelligent Systems</i> , 2021, 7, 3093-3109.	6.5	13
57	Ultrafast synthesis of 13X@NaA composites through plasma treatment for highly selective carbon capture. <i>Journal of Materials Chemistry A</i> , 2017, 5, 18801-18807.	10.3	12
58	Tree-based space partition and merging ensemble learning framework for imbalanced problems. <i>Information Sciences</i> , 2019, 503, 1-22.	6.9	12
59	Dynamic Event-Triggered SMC of Multi-Agent Systems for Consensus Tracking. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022, 69, 1188-1192.	3.0	12
60	Optimal Iterative Learning Control for Batch Processes in the Presence of Time-Varying Dynamics. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 680-692.	9.3	12
61	A fuzzy constraint handling technique for decomposition-based constrained multi- and many-objective optimization. <i>Information Sciences</i> , 2022, 597, 318-340.	6.9	12
62	Dynamic Modeling and Economic Model Predictive Control with Production Mode Switching for an Industrial Catalytic Naphtha Reforming Process. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 8961-8971.	3.7	11
63	Integration of Regional Demand Management and Signals Control for Urban Traffic Networks. <i>IEEE Access</i> , 2019, 7, 20235-20248.	4.2	11
64	Multi-objective differential evolution with dynamic hybrid constraint handling mechanism. <i>Soft Computing</i> , 2019, 23, 4341-4355.	3.6	11
65	Data-Driven Modeling and Cyclic Scheduling for Ethylene Cracking Furnace System with Inventory Constraints. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 3687-3698.	3.7	11
66	Novel adaptive sample space expansion approach of NIR model for in-situ measurement of gasoline octane number in online gasoline blending processes. <i>Chemical Engineering Science</i> , 2021, 242, 116672.	3.8	11
67	A surrogate-assisted evolutionary algorithm for expensive many-objective optimization in the refining process. <i>Swarm and Evolutionary Computation</i> , 2022, 69, 100988.	8.1	11
68	Novel automatic model construction method for the rapid characterization of petroleum properties from near-infrared spectroscopy. <i>Fuel</i> , 2022, 316, 123101.	6.4	11
69	Multi-attention mutual information distributed framework for few-shot learning. <i>Expert Systems With Applications</i> , 2022, 202, 117062.	7.6	11
70	A Circular Target Feature Detection Framework Based on DCNN for Industrial Applications. <i>IEEE Transactions on Industrial Informatics</i> , 2021, 17, 3303-3313.	11.3	10
71	Impact analysis of multi-sensor layout on the source term estimation of hazardous gas leakage. <i>Journal of Loss Prevention in the Process Industries</i> , 2021, 73, 104579.	3.3	10
72	Data-Driven Robust Optimization for Steam Systems in Ethylene Plants under Uncertainty. <i>Processes</i> , 2019, 7, 744.	2.8	9

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73	Modeling of oil near-infrared spectroscopy based on similarity and transfer learning algorithm. <i>Frontiers of Chemical Science and Engineering</i> , 2019, 13, 599-607.	4.4	9
74	Optimal Coding Schemes for Detecting False Data Injection Attacks in Power System State Estimation. <i>IEEE Transactions on Smart Grid</i> , 2022, 13, 738-749.	9.0	9
75	Decentralized monitoring for large-scale process using copula-correlation analysis and Bayesian inference-based multiblock principal component analysis. <i>Journal of Chemometrics</i> , 2019, 33, e3158.	1.3	8
76	Multiple Empirical Kernel Learning with Majority Projection for imbalanced problems. <i>Applied Soft Computing Journal</i> , 2019, 76, 221-236.	7.2	8
77	Numerical Simulation of the Gas-Solid Two-Phase Flow-Reaction Process in a Maximizing Isoparaffin Process Reactor. <i>ACS Omega</i> , 2020, 5, 29043-29054.	3.5	8
78	An Interval Type-2 Fuzzy Controller Based on Data-Driven Parameters Extraction for Cement Calciner Process. <i>IEEE Access</i> , 2020, 8, 61775-61789.	4.2	8
79	Hybrid model of a cement rotary kiln using an improved attention-based recurrent neural network. <i>ISA Transactions</i> , 2022, 129, 631-643.	5.7	8
80	Incorporating Linear Regression Problems Into an Adaptive Framework With Feasible Optimizations. <i>IEEE Transactions on Multimedia</i> , 2023, 25, 4041-4051.	7.2	8
81	Generalized Nonconvex Nonsmooth Low-Rank Matrix Recovery Framework With Feasible Algorithm Designs and Convergence Analysis. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 5342-5353.	11.3	8
82	Globalized Multiple Balanced Subsets With Collaborative Learning for Imbalanced Data. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 2407-2417.	9.5	7
83	Product tri-section based crude distillation unit model for refinery production planning and refinery optimization. <i>AIChE Journal</i> , 2021, 67, e17115.	3.6	7
84	Neural network-based source tracking of chemical leaks with obstacles. <i>Chinese Journal of Chemical Engineering</i> , 2021, 33, 211-220.	3.5	7
85	Surrogate-assisted multi-objective particle swarm optimization for the operation of CO2 capture using VPSA. <i>Energy</i> , 2021, 224, 120078.	8.8	7
86	Merged-Sampling Mask R-CNN With Random Proposal Expansion for Particle Measurement of SEM Images of Molecular Sieve Catalysts. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-13.	4.7	7
87	Online Detection of Model-Plant Mismatch in Closed-Loop Systems With Gaussian Processes. <i>IEEE Transactions on Industrial Informatics</i> , 2022, 18, 2213-2222.	11.3	6
88	Investigation of NOx emission under different burner structures with the optimized combustion model. <i>Neurocomputing</i> , 2022, 482, 224-235.	5.9	6
89	Performance monitoring of non-gaussian chemical processes with modes-switching using globality-locality preserving projection. <i>Frontiers of Chemical Science and Engineering</i> , 2017, 11, 429-439.	4.4	5
90	Multi-view learning with fisher kernel and bi-bagging for imbalanced problem. <i>Applied Intelligence</i> , 2019, 49, 3109-3122.	5.3	5

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91	Multiple Universum Empirical Kernel Learning. Engineering Applications of Artificial Intelligence, 2020, 89, 103461.	8.1	5
92	Fault Detection of Diesel Engine Air and after-Treatment Systems with High-Dimensional Data: A Novel Fault-Relevant Feature Selection Method. Processes, 2021, 9, 259.	2.8	5
93	False-Data-Injection-Enabled Network Parameter Modifications in Power Systems: Attack and Detection. IEEE Transactions on Industrial Informatics, 2023, 19, 177-188.	11.3	5
94	Comprehensive CFD simulation of the optimizations of geometric structures and operating parameters for industrial acetylene hydrogenation reactors. Canadian Journal of Chemical Engineering, 2016, 94, 2427-2435.	1.7	4
95	Dynamic Optimization of the Tandem Acetylene Hydrogenation Process. Industrial & Engineering Chemistry Research, 2016, 55, 11983-11995.	3.7	4
96	Simulation of the Evaporation Tube Banks in the Convection Section of a Steam Cracking Furnace Using an Evaporation Model. Industrial & Engineering Chemistry Research, 2017, 56, 10813-10825.	3.7	4
97	Development and challenges of planning and scheduling for petroleum and petrochemical production. Frontiers of Engineering Management, 2020, 7, 373-383.	6.1	4
98	Simultaneous Optimization and Heat Integration of an Aromatics Complex with a Surrogate Model. Industrial & Engineering Chemistry Research, 2021, 60, 3633-3647.	3.7	4
99	Semi-supervised multiple empirical kernel learning with pseudo empirical loss and similarity regularization. International Journal of Intelligent Systems, 2022, 37, 1674-1696.	5.7	4
100	Unsupervised cycle optimization learning for single-view depth and camera pose with Kalman filter. Engineering Applications of Artificial Intelligence, 2021, 106, 104488.	8.1	4
101	Heterogeneous Federated Meta-Learning with Mutually Constrained Propagation. IEEE Intelligent Systems, 2022, , 1-1.	4.0	4
102	Gravitation balanced multiple kernel learning for imbalanced classification. Neural Computing and Applications, 0, , 1.	5.6	4
103	Frame-Level Teacher-Student Learning With Data Privacy for EEG Emotion Recognition. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 11021-11028.	11.3	4
104	Peripheral sensors-based leaking source tracking in a chemical industrial park with complex obstacles. Journal of Loss Prevention in the Process Industries, 2022, 78, 104828.	3.3	4
105	Community detection based process decomposition and distributed monitoring for large-scale processes. AIChE Journal, 2022, 68, .	3.6	4
106	Pseudolabel-guided multiview consensus graph learning for semisupervised classification. International Journal of Intelligent Systems, 2022, 37, 8611-8634.	5.7	4
107	Multi-matrices entropy discriminant ensemble learning for imbalanced problem. Neural Computing and Applications, 2020, 32, 8245-8264.	5.6	3
108	Drug-Target Interaction Prediction Based on Multi-Similarity Fusion and Sparse Dual-Graph Regularized Matrix Factorization. IEEE Access, 2021, 9, 99718-99730.	4.2	3

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109	OnionNet: Single-View Depth Prediction and Camera Pose Estimation for Unlabeled Video. IEEE Transactions on Cognitive and Developmental Systems, 2021, 13, 995-1009.	3.8	3
110	A Vector-Based Approach for Controller Performance Assessment. Industrial & Engineering Chemistry Research, 2012, 51, 15745-15752.	3.7	2
111	Minimum time dynamic optimization using double-layer optimization algorithm. , 2012, , .		2
112	Genetic mechanism-enhanced standard particle swarm optimization 2011. Soft Computing, 2018, 22, 7207-7225.	3.6	2
113	Recent progress and challenges in process optimization: Review of recent work at ECUST. Canadian Journal of Chemical Engineering, 2018, 96, 2115-2123.	1.7	2
114	Guest Editorial: Special Issue on Computational Intelligence in Data-Driven Optimization. IEEE Transactions on Emerging Topics in Computational Intelligence, 2019, 3, 90-92.	4.9	2
115	Dynamic Optimization of Chemical Processes using Symbiotic Organisms Search Algorithm. , 2019, , .		2
116	Multiple Partial Empirical Kernel Learning with Instance Weighting and Boundary Fitting. Neural Networks, 2020, 123, 26-37.	5.9	2
117	Data-driven Scheduling Optimization of Ethylene Cracking Furnace System. , 2020, , .		2
118	Fast and Effective Dynamic Optimization for Chemical Processes with Catalyst Deactivation Based on Incremental Encoding and Random Search. Industrial & Engineering Chemistry Research, 2021, 60, 2983-2993.	3.7	2
119	Evolving Dual-Threshold Bienenstock-Cooper-Munro Learning Rules in Echo State Networks. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 1572-1583.	11.3	2
120	Energy consumption monitoring of the steam pipe network based on affinity propagation clustering. , 2012, , .		1
121	Ultra-fast tracking control of high-order discrete-time multi-agent systems with H^∞ performance specification. , 2018, , .		1
122	Solution Set Augmentation for Knee Identification in Multiobjective Decision Analysis. IEEE Transactions on Cybernetics, 2023, 53, 2480-2493.	9.5	1
123	Nonconvex Rank Relaxations based Matrix Regression for Face Reconstruction and Recognition. , 2020, , .		1
124	Cycle Scheduling of Ethylene Cracking Furnace System with Inventory Constraints. , 2020, , .		1
125	Global Sensitivity Analysis for the input parameters of a Perfusion Bioreactor System in Tissue Engineering. , 2021, , .		1
126	Multilabel Convolutional Network With Feature Denoising and Details Supplement. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 8349-8361.	11.3	1

#	ARTICLE	IF	CITATIONS
127	Performance bound of parallel cascade control system based on minimum variance and generalized minimum variance benchmarking. , 2012, , .		0
128	Process monitoring with global probability boundary-based on Gaussian mixture model. , 2013, , .		0
129	Efficient matrixized classification learning with separated solution process. Neural Computing and Applications, 2020, 32, 10609-10632.	5.6	0
130	Intelligent Time-Scale Operator-Splitting Integration for Chemical Reaction Systems. IEEE Transactions on Neural Networks and Learning Systems, 2020, 32, 1-11.	11.3	0
131	The stability analysis of stochastic opinion dynamics systems with multiplicative noise and time delays. IET Control Theory and Applications, 2021, 15, 1769-1777.	2.1	0
132	Erratum to "Merged-Sampling Mask R-CNN With Random Proposal Expansion for Particle Measurement of SEM Images of Molecular Sieve Catalysts". IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-1.	4.7	0
133	Learning-Based Adaptive Optimal Control for Flotation Processes Subject to Input Constraints. IEEE Transactions on Control Systems Technology, 2023, 31, 252-264.	5.2	0
134	Uncertainty analysis of NO _x and CO emissions in industrial ethylene cracking furnace using high-precision sparse polynomial chaos expansion. Combustion Science and Technology, 2024, 196, 195-222.	2.3	0
135	Data-Driven Tabulation for Chemistry Integration Using Recurrent Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 5392-5402.	11.3	0