

Shuangyin Liu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Smart Contract-Based Agricultural Food Supply Chain Traceability. IEEE Access, 2021, 9, 9296-9307.	4.2	77
2	A Review of Plant Phenotypic Image Recognition Technology Based on Deep Learning. Electronics (Switzerland), 2021, 10, 81.	3.1	65
3	Application of Non-Orthogonal Multiple Access in Wireless Sensor Networks for Smart Agriculture. IEEE Access, 2019, 7, 87582-87592.	4.2	41
4	Fault Diagnosis of Water Quality Monitoring Devices Based on Multiclass Support Vector Machines and Rule-Based Decision Trees. IEEE Access, 2018, 6, 22184-22195.	4.2	31
5	Spatial Channel Attention for Deep Convolutional Neural Networks. Mathematics, 2022, 10, 1750.	2.2	21
6	Deep Convolutional Generative Adversarial Network and Convolutional Neural Network for Smoke Detection. Complexity, 2020, 2020, 1-12.	1.6	15
7	A novel driving scheme for oil-splitting suppression in Electrowetting display. Optical Review, 2020, 27, 339-345.	2.0	14
8	A fuzzy clustering based method for attributed graph partitioning. Journal of Ambient Intelligence and Humanized Computing, 2019, 10, 3399-3407.	4.9	11
9	Improving NMF-based community discovery using distributed robust nonnegative matrix factorization with SimRank similarity measure. Journal of Supercomputing, 2018, 74, 5601-5624.	3.6	10
10	Network Embedding Using Semi-Supervised Kernel Nonnegative Matrix Factorization. IEEE Access, 2019, 7, 92732-92744.	4.2	9
11	Task Offloading Algorithms for Novel Load Balancing in Homogeneous Fog Network. , 2021, , .		9
12	Dissolved oxygen content interval prediction based on auto regression recurrent neural network. Journal of Ambient Intelligence and Humanized Computing, 2023, 14, 7255-7264.	4.9	9
13	Association of TGF- β 1 polymorphisms and chronic hepatitis C infection: a Meta-analysis. BMC Infectious Diseases, 2019, 19, 758.	2.9	8
14	Designing Intuitionistic Fuzzy Forecasting Model Combined With Information Granules and Weighted Association Reasoning. IEEE Access, 2020, 8, 141090-141103.	4.2	4
15	Machine vision-based driving and feedback scheme for digital microfluidics system. Open Chemistry, 2021, 19, 665-677.	1.9	4
16	Programmable High Integration and Resolution Digital Microfluidic Device Driven by Thin Film Transistor Arrays. IEEE Access, 2022, 10, 30573-30582.	4.2	4
17	Application of Non-Orthogonal Multiple Access for IoT in Food Traceability System. , 2019, , .		3
18	Pollution index of waterfowl farm assessment and prediction based on temporal convoluted network. PLoS ONE, 2021, 16, e0254179.	2.5	3

#	ARTICLE	IF	CITATIONS
19	A Novel Method to Predict Laying Rate Based on Multiple Environment Variables. IEEE Access, 2021, 9, 115488-115496.	4.2	2
20	Intra-cluster aggregation aware routing for distributed training in wireless sensor networks. Concurrency Computation Practice and Experience, 0, , .	2.2	2
21	Numeric Prediction of Dissolved Oxygen Status Through Two-Stage Training for Classification-Driven Regression. , 2019, , .		1
22	Position and feedback for digital microfluidic system based on light intensity information. Asia-Pacific Journal of Chemical Engineering, 2020, 15, e2449.	1.5	1
23	Fault Diagnosis Method Based on CWGAN-GP-1DCNN. , 2021, , .		1