

# Jerry Chun-Wei Lin

## List of Articles by Year in descending order

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366

PR articles

8,842

PR citations

41546

47

PR h-index

45521

89

g-index

529

documents

13667

doc citations

33067

54

h-index

9564

citing authors

#	ARTICLE	IF	CITATIONS
1	Label-Aware Dual Graph Neural Networks for Multi-Label Fundus Image Classification. IEEE Journal of Biomedical and Health Informatics, 2025, 29, 2731-2743.	5.3	6
2	Attention-Based Generative Adversarial Network Model for RC Column Backbone Curve Identification. IEEE Transactions on Industrial Informatics, 2025, 21, 455-464.	9.3	0
3	Uncertainty Oriented-Incremental Erasable Pattern Mining Over Data Streams. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2025, 55, 1451-1465.	7.3	7
4	An efficient PSO-based evolutionary model for closed high-utility itemset mining. Applied Intelligence, 2025, 55, .	2.8	3
5	Convolution Bridge: An Effective Algorithmic Migration Strategy From CNNs to GNNs. IEEE Transactions on Neural Networks and Learning Systems, 2025, 36, 10764-10778.	9.5	0
6	A novel efficient bi-objective evolutionary algorithm for frequent and high utility itemsets mining. Memetic Computing, 2025, 17, .	2.2	0
7	Multiscale Subgraph Adversarial Contrastive Learning. IEEE Transactions on Neural Networks and Learning Systems, 2025, 36, 15001-15014.	9.5	1
8	Implicit Multi-Scale Swin Transformer Network for Image Denoising. IEEE Transactions on Consumer Electronics, 2025, 71, 5584-5594.	7.4	0
9	Explainability of Highly Associated Fuzzy Churn Patterns in Binary Classification. Expert Systems, 2025, 42, .	2.7	2
10	Intelligent blockchain management for distributed knowledge graphs in IoT 5G environments. Transactions on Emerging Telecommunications Technologies, 2024, 35, .	2.0	35
11	An Efficient and Accurate GPU-based Deep Learning Model for Multimedia Recommendation. ACM Transactions on Multimedia Computing, Communications and Applications, 2024, 20, 1-18.	4.2	1
12	Deep Explainable Hate Speech Active Learning on Social-Media Data. IEEE Transactions on Computational Social Systems, 2024, 11, 4625-4635.	4.6	22
13	ML-DDoS: A Blockchain-Based Multilevel DDoS Mitigation Mechanism for IoT Environments. IEEE Transactions on Engineering Management, 2024, 71, 12605-12618.	5.1	62
14	A Network-Aware Load Balancer Using Feedback Learning. IEEE Consumer Electronics Magazine, 2024, 13, 42-50.	1.9	0
15	Artificial intelligence of medical things for disease detection using ensemble deep learning and attention mechanism. Expert Systems, 2024, 41, .	2.7	31
16	Automatically Temporal Labeled Data Generation Using Positional Lexicon Expansion for Focus Time Estimation of News Articles. ACM Transactions on Asian and Low-Resource Language Information Processing, 2024, 23, 1-20.	1.3	1
17	A Secure Parallel Pattern Mining System for Medical Internet of Things. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2024, 21, 631-643.	2.9	6
18	Emotional Intelligence Attention Unsupervised Learning Using Lexicon Analysis for Irony-based Advertising. ACM Transactions on Asian and Low-Resource Language Information Processing, 2024, 23, 1-19.	1.3	5

#	ARTICLE	IF	CITATIONS
19	HGBER: Heterogeneous Graph Neural Network With Bidirectional Encoding Representation. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 9340-9351.	9.5	8
20	Blockchain: Applications, Challenges, and Opportunities in Consumer Electronics. IEEE Consumer Electronics Magazine, 2024, 13, 36-41.	1.9	20
21	IDS-INT: Intrusion detection system using transformer-based transfer learning for imbalanced network traffic. Digital Communications and Networks, 2024, 10, 190-204.	4.8	164
22	AI-Based Electricity Grid Management for Sustainability, Reliability, and Security. IEEE Consumer Electronics Magazine, 2024, 13, 91-96.	1.9	12
23	Graph Attention-Based Curriculum Learning for Mental Healthcare Classification. IEEE Journal of Biomedical and Health Informatics, 2024, 28, 2581-2591.	5.3	8
24	Towards Early Diagnosis and Intervention: An Ensemble Voting Model for Precise Vital Sign Prediction in Respiratory Disease. IEEE Journal of Biomedical and Health Informatics, 2024, 30, 2816-2827.	5.3	6
25	A Scalable Federated Learning Approach for Collaborative Smart Healthcare Systems With Intermittent Clients Using Medical Imaging. IEEE Journal of Biomedical and Health Informatics, 2024, 28, 3293-3304.	5.3	43
26	A GNN-Based Adversarial Internet of Things Malware Detection Framework for Critical Infrastructure: Studying Gafgyt, Mirai, and Tsunami Campaigns. IEEE Internet of Things Journal, 2024, 11, 26826-26836.	6.9	17
27	Efficient approach of high average utility pattern mining with indexed list-based structure in dynamic environments. Information Sciences, 2024, 657, 119924.	6.3	31
28	TG-SPRED: Temporal Graph for Sensorial Data PREDiction. ACM Transactions on Sensor Networks, 2024, 20, 1-20.	2.9	0
29	A multi-strategy fusion identification model for failure mode of reinforced concrete column. ISA Transactions, 2024, 148, 374-386.	5.6	2
30	An effective multi-time series model of RC column backbone curve identification. Case Studies in Construction Materials, 2024, 20, e03183.	1.8	1
31	Incremental Top-k High Utility Pattern Mining and Analyzing Over the Entire Accumulated Dynamic Database. IEEE Access, 2024, 12, 77605-77620.	3.0	11
32	Heterogeneous Federated Learning for Non-IID Smartwatch Data Classification. IEEE Internet of Things Journal, 2024, 11, 29811-29818.	6.9	2
33	An efficient approach for incremental erasable utility pattern mining from non-binary data. Knowledge and Information Systems, 2024, 66, 5919-5958.	2.5	6
34	Fast and Accurate Deep Learning Framework for Secure Fault Diagnosis in the Industrial Internet of Things. IEEE Internet of Things Journal, 2023, 10, 2802-2810.	6.9	36
35	Multi-Objective Neural Evolutionary Algorithm for Combinatorial Optimization Problems. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 2133-2143.	9.5	77
36	Evolutionary Trading Signal Prediction Model Optimization Based on Chinese News and Technical Indicators in the Internet of Things. IEEE Internet of Things Journal, 2023, 10, 2162-2173.	6.9	12

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37	Emergent Deep Learning for Anomaly Detection in Internet of Everything. IEEE Internet of Things Journal, 2023, 10, 3206-3214.	6.9	21
38	Towards an Advanced Deep Learning for the Internet of Behaviors: Application to Connected Vehicles. ACM Transactions on Sensor Networks, 2023, 19, 1-18.	2.9	30
39	Deep Hierarchical Attention Active Learning for Mental Disorder Unlabeled Data in AIoMT. ACM Transactions on Sensor Networks, 2023, 19, 1-18.	2.9	6
40	Hyper-Graph Attention Based Federated Learning Methods for Use in Mental Health Detection. IEEE Journal of Biomedical and Health Informatics, 2023, 27, 768-777.	5.3	26
41	Data Freshness Optimization Under CAA in the UAV-Aided MECN: A Potential Game Perspective. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 12912-12921.	7.8	45
42	Deep Active Learning Intrusion Detection and Load Balancing in Software-Defined Vehicular Networks. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 953-961.	7.8	26
43	Social Media Multiaspect Detection by Using Unsupervised Deep Active Attention. IEEE Transactions on Computational Social Systems, 2023, 10, 2137-2145.	4.6	6
44	Stock Selection System Through Suitability Index and Fuzzy-Based Quantitative Characteristics. IEEE Transactions on Fuzzy Systems, 2023, 31, 322-334.	9.9	8
45	RThreatDroid: A Ransomware Detection Approach to Secure IoT Based Healthcare Systems. IEEE Transactions on Network Science and Engineering, 2023, 10, 2574-2583.	6.1	23
46	Multi-Aspect Deep Active Attention Network for Healthcare Explainable Adoption. IEEE Journal of Biomedical and Health Informatics, 2023, 27, 1709-1717.	5.3	6
47	Deep Fuzzy Contrast-Set Deviation Point Representation and Trajectory Detection. IEEE Transactions on Fuzzy Systems, 2023, 31, 571-581.	9.9	9
48	Scalable and Efficient Approach for High Temporal Fuzzy Utility Pattern Mining. IEEE Transactions on Cybernetics, 2023, 53, 7672-7685.	10.0	15
49	An Intelligent Collaborative Image-Sensing System for Disease Detection. IEEE Sensors Journal, 2023, 23, 947-954.	3.6	17
50	Hybrid graph convolution neural network and branch-and-bound optimization for traffic flow forecasting. Future Generation Computer Systems, 2023, 139, 100-108.	5.6	77
51	CAâ€MLBS: contentâ€aware machine learning based load balancing scheduler in the cloud environment. Expert Systems, 2023, 40, .	2.7	15
52	A DNA Based Colour Image Encryption Scheme Using A Convolutional Autoencoder. ACM Transactions on Multimedia Computing, Communications and Applications, 2023, 19, 1-21.	4.2	55
53	A Multiobjective Intelligent Decision-Making Method for Multistage Placement of PMU in Power Grid Enterprises. IEEE Transactions on Industrial Informatics, 2023, 19, 7636-7644.	9.3	63
54	Discovering High Utility Episodes in Sequences. IEEE Transactions on Artificial Intelligence, 2023, 4, 473-486.	4.7	11

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55	Active Learning Based Adversary Evasion Attacks Defense for Malwares in the Internet of Things. IEEE Systems Journal, 2023, 17, 2434-2444.	3.9	9
56	Temporal positional lexicon expansion for federated learning based on hyperpatism detection. Expert Systems, 2023, 40, .	2.7	5
57	Droid-MCFG: Android malware detection system using manifest and control flow traces with multi-head temporal convolutional network. Physical Communication, 2023, 57, 101975.	1.8	16
58	Graph Attention Network for Text Classification and Detection of Mental Disorder. ACM Transactions on the Web, 2023, 17, 1-31.	2.5	5
59	Fast and Accurate Framework for Ontology Matching in Web of Things. ACM Transactions on Asian and Low-Resource Language Information Processing, 2023, 22, 1-19.	1.3	6
60	A Vision Transformer Approach for Traffic Congestion Prediction in Urban Areas. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 3922-3934.	7.8	94
61	Bet-GAT: An Efficient Centrality-Based Graph Attention Model for Semi-Supervised Node Classification. Applied Sciences (Switzerland), 2023, 13, 847.	2.1	14
62	Advanced Pattern-Mining System for Fake News Analysis. IEEE Transactions on Computational Social Systems, 2023, 10, 2949-2958.	4.6	17
63	A Privacy-Preserving Internet of Things Smart Healthcare Financial System. IEEE Internet of Things Journal, 2023, 10, 18452-18460.	6.9	43
64	An Approach to Semantic-Aware Heterogeneous Network Embedding for Recommender Systems. IEEE Transactions on Cybernetics, 2023, 53, 6027-6040.	10.0	21
65	Intercell Interference Coordination for UAV Enabled URLLC With Perfect/Imperfect CSI Using Cognitive Radio. IEEE Open Journal of the Communications Society, 2023, 4, 197-208.	4.7	20
66	Federated deep active learning for attention-based transaction classification. Applied Intelligence, 2023, 53, 8631-8643.	2.8	3
67	Mining Skyline Patterns from Big Data Environments based on a Spark Framework. Journal of Grid Computing, 2023, 21, .	2.4	5
68	Pre-large based high utility pattern mining for transaction insertions in incremental database. Knowledge-Based Systems, 2023, 268, 110478.	7.0	30
69	Prediction and control of water quality in Recirculating Aquaculture System based on hybrid neural network. Engineering Applications of Artificial Intelligence, 2023, 121, 106002.	7.6	74
70	An efficient biobjective evolutionary algorithm for mining frequent and high utility itemsets. Applied Soft Computing Journal, 2023, 140, 110233.	6.0	15
71	An optimization neural network model for bridge cable force identification. Engineering Structures, 2023, 286, 116056.	5.6	35
72	Federated Learning for improved prediction of failures in Autonomous Guided Vehicles. Journal of Computational Science, 2023, 68, 101956.	3.0	27

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73	Energy grid management system with anomaly detection and Q-learning decision modules. Computers and Electrical Engineering, 2023, 107, 108639.	4.3	12
74	An evolutionary-based approach for optimising diverse group stock portfolio with active and inactive stocks. Enterprise Information Systems, 2023, 17, .	3.7	2
75	A Parallel High-Utility Itemset Mining Algorithm Based on Hadoop. Complex System Modeling and Simulation, 2023, 3, 47-58.	4.5	8
76	Interpretable intrusion detection for next generation of Internet of Things. Computer Communications, 2023, 203, 192-198.	3.7	17
77	Semisupervised Federated Learning for Temporal News Hyperpatism Detection. IEEE Transactions on Computational Social Systems, 2023, 10, 1758-1769.	4.6	10
78	Energy Aware Load Balancing Framework for Smart Grid Using Cloud and Fog Computing. Sensors, 2023, 23, 3488.	3.0	19
79	Guest Editorial Introduction to the Special Issue on AI-Empowered Trajectory Analytics in Intelligent Transportation Systems. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 4494-4498.	7.8	2
80	Design and Development of a Fog-Assisted Elephant Corridor over a Railway Track. Sustainability, 2023, 15, 5944.	2.9	11
81	Multivariate time-series sensor vital sign forecasting of cardiovascular and chronic respiratory diseases. Sustainable Computing: Informatics and Systems, 2023, 38, 100868.	1.9	6
82	Self-Consistent Graph Neural Networks for Semi-Supervised Node Classification. IEEE Transactions on Big Data, 2023, 9, 1186-1197.	3.9	16
83	Introduction to the Special Issue of Recent Advances in Computational Linguistics for Asian Languages. ACM Transactions on Asian and Low-Resource Language Information Processing, 2023, 22, 1-5.	1.3	2
84	Editorial for the Special Issue on Computational Linguistics Processing in Low-Resource Indigenous Languages. ACM Transactions on Asian and Low-Resource Language Information Processing, 2023, 22, 1-3.	1.3	1
85	Secure itemset hiding in smart city sensor data. Cluster Computing, 2023, 27, 1361-1374.	3.1	1
86	Q-learning based energy management system on operating reserve and supply distribution. Sustainable Energy Technologies and Assessments, 2023, 57, 103264.	2.4	1
87	An advanced approach for incremental flexible periodic pattern mining on time-series data. Expert Systems With Applications, 2023, 230, 120697.	7.3	14
88	GPU-Based Efficient Parallel Heuristic Algorithm for High-Utility Itemset Mining in Large Transaction Datasets. IEEE Transactions on Knowledge and Data Engineering, 2023, , 1-16.	6.7	21
89	Efficient Method for Mining High Utility Occupancy Patterns Based on Indexed List Structure. IEEE Access, 2023, 11, 43140-43158.	3.0	20
90	Federated deep learning for smart city edge-based applications. Future Generation Computer Systems, 2023, 147, 350-359.	5.6	30

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91	An edge-aided parallel evolutionary privacy-preserving algorithm for Internet of Things. Internet of Things (Netherlands), 2023, 23, 100831.	6.6	11
92	Preserving Privacy in Internet of Vehicles (IoV): A Novel Group-Leader-Based Shadowing Scheme Using Blockchain. IEEE Internet of Things Journal, 2023, 10, 21421-21430.	6.9	18
93	Mining skyline frequent-utility patterns from big data environment based on MapReduce framework. Intelligent Data Analysis, 2023, 27, 1359-1377.	0.6	2
94	A Comprehensive Survey on Artificial Intelligence Empowered Edge Computing on Consumer Electronics. IEEE Transactions on Consumer Electronics, 2023, 69, 1023-1034.	7.4	165
95	Efficient approach for mining high-utility patterns on incremental databases with dynamic profits. Knowledge-Based Systems, 2023, 282, 111060.	7.0	28
96	Machine Learning-Based Calibration Approaches for Single-Beam and Multiple-Beam Distance Sensors. IEEE Sensors Journal, 2023, 24, 975-983.	3.6	2
97	Introduction to the Special Section on Artificial Intelligence for Next Generation Industrial Cyber-Physical Systems. IEEE Systems Journal, 2023, 17, 5070-5072.	3.9	0
98	Mining large-scale high utility patterns in vehicular ad hoc network environments. Transactions on Emerging Telecommunications Technologies, 2022, 33, .	2.0	3
99	Deep Learning Versus Traditional Solutions for Group Trajectory Outliers. IEEE Transactions on Cybernetics, 2022, 52, 4508-4519.	10.0	24
100	Security and Privacy in Shared HitLCPS Using a GA-Based Multiple-Threshold Sanitization Model. IEEE Transactions on Emerging Topics in Computational Intelligence, 2022, 6, 16-25.	5.3	15
101	Privacy-Preserving Deep Reinforcement Learning in Vehicle Ad Hoc Networks. IEEE Consumer Electronics Magazine, 2022, 11, 41-48.	1.9	11
102	Deep Learning-Embedded Social Internet of Things for Ambiguity-Aware Social Recommendations. IEEE Transactions on Network Science and Engineering, 2022, 9, 1067-1081.	6.1	107
103	Hybrid intelligent framework for automated medical learning. Expert Systems, 2022, 39, .	2.7	9
104	Graph embedding-based intelligent industrial decision for complex sewage treatment processes. International Journal of Intelligent Systems, 2022, 37, 10423-10441.	4.1	36
105	Informative index for investment based on Kelly criterion. Enterprise Information Systems, 2022, 16, .	3.7	4
106	An ontology matching approach for semantic modeling: A case study in smart cities. Computational Intelligence, 2022, 38, 876-902.	1.9	10
107	Reliable customer analysis using federated learning and exploring deep-attention edge intelligence. Future Generation Computer Systems, 2022, 127, 70-79.	5.6	43
108	Hybrid Group Anomaly Detection for Sequence Data: Application to Trajectory Data Analytics. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 9346-9357.	7.8	35

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109	Effective Fuzzy System for Qualifying the Characteristics of Stocks by Random Trading. IEEE Transactions on Fuzzy Systems, 2022, 30, 3152-3165.	9.9	21
110	Secure Artificial Intelligence of Things for Implicit Group Recommendations. IEEE Internet of Things Journal, 2022, 9, 2698-2707.	6.9	147
111	Speech Emotion Recognition Enhanced Traffic Efficiency Solution for Autonomous Vehicles in a 5G-Enabled Space-Air-Ground Integrated Intelligent Transportation System. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 2830-2842.	7.8	141
112	Scalable Mining of High-Utility Sequential Patterns With Three-Tier MapReduce Model. ACM Transactions on Knowledge Discovery From Data, 2022, 16, 1-26.	3.1	26
113	Sensor data fusion for the industrial artificial intelligence of things. Expert Systems, 2022, 39, .	2.7	6
114	Secure Collaborative Augmented Reality Framework for Biomedical Informatics. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 2417-2424.	5.3	18
115	Deviation Point Curriculum Learning for Trajectory Outlier Detection in Cooperative Intelligent Transport Systems. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 16514-16523.	7.8	20
116	A resource allocation deep active learning based on load balancer for network intrusion detection in SDN sensors. Computer Communications, 2022, 184, 56-63.	3.7	39
117	Knowledge graph based trajectory outlier detection in sustainable smart cities. Sustainable Cities and Society, 2022, 78, 103580.	11.3	42
118	EANDC: An explainable attention network based deep adaptive clustering model for mental health treatment. Future Generation Computer Systems, 2022, 130, 106-113.	5.6	26
119	Advanced uncertainty based approach for discovering erasable product patterns. Knowledge-Based Systems, 2022, 241, 108134.	7.0	18
120	Efficient evolutionary computation model of closed high-utility itemset mining. Applied Intelligence, 2022, 52, 10604-10616.	2.8	29
121	Occupancy-based utility pattern mining in dynamic environments of intelligent systems. International Journal of Intelligent Systems, 2022, 37, 5477-5507.	4.1	28
122	A ML-based resource utilization OpenCL GPU-kernel fusion model. Sustainable Computing: Informatics and Systems, 2022, 35, 100683.	1.9	5
123	Fuzzy Contrast Set Based Deep Attention Network for Lexical Analysis and Mental Health Treatment. ACM Transactions on Asian and Low-Resource Language Information Processing, 2022, 21, 1-16.	1.3	18
124	A Target Recognition Algorithm of Multi-Source Remote Sensing Image Based on Visual Internet of Things. Mobile Networks and Applications, 2022, 27, 784-793.	1.3	15
125	Introduction to the Special Issue on Pattern-Driven Mining, Analytics, and Prediction for Decision Making, Part II. ACM Transactions on Management Information Systems, 2022, 13, 1-3.	2.1	2
126	Efficient Multimedia Frame-Skipping Architecture Using Deep Learning in Vehicular Networks. IEEE MultiMedia, 2022, 29, 66-73.	1.3	1

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127	Traffic Classification in Underwater Networks Using SDN and Data-Driven Hybrid Metaheuristics. ACM Transactions on Sensor Networks, 2022, 18, 1-15.	2.9	10
128	Research on Standardized Feature Positioning Technology of Motion Amplitude Based on Intelligent Vision. Mobile Networks and Applications, 2022, 27, 2391-2399.	1.3	4
129	Overcoming Smart City Barriers Using Multi-Modal Interpretive Structural Modeling. Journal of Signal Processing Systems, 2022, 95, 253-269.	1.4	4
130	Ensemble-based deep meta learning for medical image segmentation. Journal of Intelligent and Fuzzy Systems, 2022, 42, 4307-4313.	1.0	3
131	An edge-driven multi-agent optimization model for infectious disease detection. Applied Intelligence, 2022, 52, 14362-14373.	2.8	8
132	Privacy Preserving Multi-Party Key Exchange Protocol for Wireless Mesh Networks. Sensors, 2022, 22, 1958.	3.0	22
133	A One-Phase Tree-Structure Method to Mine High Temporal Fuzzy Utility Itemsets. Applied Sciences (Switzerland), 2022, 12, 2821.	2.1	9
134	Applications of Wireless Sensor Networks and Internet of Things Frameworks in the Industry Revolution 4.0: A Systematic Literature Review. Sensors, 2022, 22, 2087.	3.0	505
135	Adaptive particle swarm optimization model for resource leveling. Evolving Systems, 2022, 14, 593-604.	2.3	11
136	AlexNet Convolutional Neural Network for Disease Detection and Classification of Tomato Leaf. Electronics (Switzerland), 2022, 11, 951.	2.2	202
137	Deep active reinforcement learning for privacy preserve data mining in 5G environments. Journal of Intelligent and Fuzzy Systems, 2022, 42, 4751-4758.	1.0	2
138	Hyper-graph-based attention curriculum learning using a lexical algorithm for mental health. Pattern Recognition Letters, 2022, 157, 135-143.	3.0	10
139	Design of Distance Assistance System for Intelligent Education by Web-based Applications. Mobile Networks and Applications, 2022, 27, 1174-1185.	1.3	9
140	A sustainable deep learning framework for fault detection in 6G Industry 4.0 heterogeneous data environments. Computer Communications, 2022, 187, 164-171.	3.7	38
141	Intelligent deep fusion network for urban traffic flow anomaly identification. Computer Communications, 2022, 189, 175-181.	3.7	11
142	SRASNet: Low-resolution chromosome image classification based on deep learning. IET Systems Biology, 2022, 16, 85-97.	1.8	31
143	An efficient and scalable approach for mining subgraphs in a single large graph. Applied Intelligence, 2022, 52, 17881-17895.	2.8	6
144	Mitigating adversarial evasion attacks of ransomware using ensemble learning. Computers and Electrical Engineering, 2022, 100, 107903.	4.3	61

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145	Hybrid RESNET and Regional Convolution Neural Network Framework for Accident Estimation in Smart Roads. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 25335-25344.	7.8	10
146	Fuzzy Active Learning to Detect OpenCL Kernel Heterogeneous Machines in Cyber Physical Systems. IEEE Transactions on Fuzzy Systems, 2022, 30, 4618-4629.	9.9	7
147	Vehicle detection using improved region convolution neural network for accident prevention in smart roads. Pattern Recognition Letters, 2022, 158, 42-47.	3.0	19
148	Toward a Cognitive-Inspired Hashtag Recommendation for Twitter Data Analysis. IEEE Transactions on Computational Social Systems, 2022, 9, 1748-1757.	4.6	18
149	Privacy-Preserving Active Learning on the Internet of 5G Connected Artificial Intelligence of Things. IEEE Internet of Things Magazine, 2022, 5, 126-129.	2.1	7
150	Medicine Drug Name Detection Based Object Recognition Using Augmented Reality. Frontiers in Public Health, 2022, 10, .	2.7	11
151	AFD-Net: Apple Foliar Disease multi classification using deep learning on plant pathology dataset. Plant and Soil, 2022, 477, 595-611.	3.3	55
152	RETRACTED ARTICLE: An efficient quantum based D2D computation and communication approach for the Internet of Things. Optical and Quantum Electronics, 2022, 54, .	3.6	5
153	Recurrent neural network with density-based clustering for group pattern detection in energy systems. Sustainable Energy Technologies and Assessments, 2022, 52, 102308.	2.4	7
154	High-utility itemsets mining based on binary particle swarm optimization with multiple adjustment strategies. Applied Soft Computing Journal, 2022, 124, 109073.	6.0	24
155	A Radical Safety Measure for Identifying Environmental Changes Using Machine Learning Algorithms. Electronics (Switzerland), 2022, 11, 1950.	2.2	19
156	Heterogeneous Energy-aware Load Balancing for Industry 4.0 and IoT Environments. ACM Transactions on Management Information Systems, 2022, 13, 1-23.	2.1	11
157	An Implementation of Trust Chain Framework with Hierarchical Content Identifier Mechanism by Using Blockchain Technology. Sensors, 2022, 22, 4831.	3.0	10
158	An efficient utility-list based high-utility itemset mining algorithm. Applied Intelligence, 2022, 53, 6992-7006.	2.8	36
159	Optimized scheduling of resource-constraints in projects for smart construction. Information Processing and Management, 2022, 59, 103005.	6.1	16
160	An efficient approach for mining maximized erasable utility patterns. Information Sciences, 2022, 609, 1288-1308.	6.3	16
161	Utilizing power consumption and SLA violations using dynamic VM consolidation in cloud data centers. Renewable and Sustainable Energy Reviews, 2022, 167, 112782.	16.5	71
162	Multi-aspect detection and classification with multi-feed dynamic frame skipping in vehicle of internet things. Wireless Networks, 2022, 30, 4543-4554.	1.7	4

#	ARTICLE	IF	CITATIONS
163	When explainable AI meets IoT applications for supervised learning. Cluster Computing, 2022, 26, 2313-2323.	3.1	19
164	Efficient approach of sliding window-based high average-utility pattern mining with list structures. Knowledge-Based Systems, 2022, 256, 109702.	7.0	35
165	Prevention of Cyber Security with the Internet of Things Using Particle Swarm Optimization. Sensors, 2022, 22, 6117.	3.0	31
166	Call Auction-Based Energy Management System with Adaptive Subsidy and Dynamic Operating Reserve. Sustainable Computing: Informatics and Systems, 2022, 36, 100786.	1.9	4
167	Deep learning based hashtag recommendation system for multimedia data. Information Sciences, 2022, 609, 1506-1517.	6.3	22
168	EHMIN: Efficient approach of list based high-utility pattern mining with negative unit profits. Expert Systems With Applications, 2022, 209, 118214.	7.3	30
169	A cluster-based barrier construction algorithm in mobile Wireless Sensor Networks. Physical Communication, 2022, 54, 101839.	1.8	5
170	Explainable Artificial Intelligence for Cybersecurity. Computers and Electrical Engineering, 2022, 103, 108356.	4.3	45
171	Unscrambling Customer Recommendations: A Novel LSTM Ensemble Approach in Airline Recommendation Prediction Using Online Reviews. IEEE Transactions on Computational Social Systems, 2022, 9, 1777-1784.	4.6	35
172	Interaction of Secure Cloud Network and Crowd Computing for Smart City Data Obfuscation. Sensors, 2022, 22, 7169.	3.0	19
173	Reconfigurable Intelligent Surface-Aided Cooperative NOMA with p-CSI Fading Channel toward 6G-Based IoT System. Sensors, 2022, 22, 7664.	3.0	7
174	A descriptive human visual cognitive strategy using graph neural network for facial expression recognition. International Journal of Machine Learning and Cybernetics, 2022, 15, 19-35.	2.1	55
175	A Pre-Large Weighted-Fusion System of Sensed High-Utility Patterns. IEEE Sensors Journal, 2021, 21, 15626-15634.	3.6	27
176	Fast Utility Mining on Sequence Data. IEEE Transactions on Cybernetics, 2021, 51, 487-500.	10.0	94
177	Fast and Accurate Convolution Neural Network for Detecting Manufacturing Data. IEEE Transactions on Industrial Informatics, 2021, 17, 2947-2955.	9.3	37
178	An Evolutionary Model to Mine High Expected Utility Patterns From Uncertain Databases. IEEE Transactions on Emerging Topics in Computational Intelligence, 2021, 5, 19-28.	5.3	45
179	Large-Scale High-Utility Sequential Pattern Analytics in Internet of Things. IEEE Internet of Things Journal, 2021, 8, 12669-12678.	6.9	41
180	Deep learning for pedestrian collective behavior analysis in smart cities: A model of group trajectory outlier detection. Information Fusion, 2021, 65, 13-20.	15.8	122

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