

Riqing Chen

List of Publications by Year in descending order

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94
papers

1,581
citations

361413

20
h-index

345221

36
g-index

95
all docs

95
docs citations

95
times ranked

1290
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluating IoT Platforms Using Integrated Probabilistic Linguistic MCDM Method. IEEE Internet of Things Journal, 2020, 7, 11195-11208.	8.7	137
2	Directional correlation coefficient measures for Pythagorean fuzzy sets: their applications to medical diagnosis and cluster analysis. Complex & Intelligent Systems, 2021, 7, 1025-1043.	6.5	99
3	Secure and Precise Wireless Transmission for Random-Subcarrier-Selection-Based Directional Modulation Transmit Antenna Array. IEEE Journal on Selected Areas in Communications, 2018, 36, 890-904.	14.0	88
4	Robust Synthesis Scheme for Secure Multi-Beam Directional Modulation in Broadcasting Systems. IEEE Access, 2016, 4, 6614-6623.	4.2	85
5	Picture fuzzy interactional partitioned Heronian mean aggregation operators: an application to MADM process. Artificial Intelligence Review, 2022, 55, 1171-1208.	15.7	75
6	Physical Layer Security for Ultra-Reliable and Low-Latency Communications. IEEE Wireless Communications, 2019, 26, 6-11.	9.0	72
7	Two High-Performance Schemes of Transmit Antenna Selection for Secure Spatial Modulation. IEEE Transactions on Vehicular Technology, 2018, 67, 8969-8973.	6.3	60
8	Multiattribute Group Decision-Making Based on Linguistic Pythagorean Fuzzy Interaction Partitioned Bonferroni Mean Aggregation Operators. Complexity, 2018, 2018, 1-24.	1.6	59
9	Relating Extra Connectivity and Extra Conditional Diagnosability in Regular Networks. IEEE Transactions on Dependable and Secure Computing, 2019, 16, 1086-1097.	5.4	55
10	Bibliometric analysis on Pythagorean fuzzy sets during 2013â€“2020. International Journal of Intelligent Computing and Cybernetics, 2021, 14, 104-121.	2.7	54
11	Weighted Feature Pyramid Networks for Object Detection. , 2019, , .		50
12	Entanglement-assisted quantum MDS codes constructed from negacyclic codes. Quantum Information Processing, 2017, 16, 1.	2.2	48
13	The Relationship Between β -Restricted Connectivity and β -Good-Neighbor Fault Diagnosability of General Regular Networks. IEEE Transactions on Reliability, 2018, 67, 285-296.	4.6	44
14	UAV-Enabled Covert Wireless Data Collection. IEEE Journal on Selected Areas in Communications, 2021, 39, 3348-3362.	14.0	41
15	Determine OWA operator weights using kernel density estimation. Economic Research-Ekonomiska Istrazivanja, 2020, 33, 1441-1464.	4.7	39
16	Optimal Detection of UAV's Transmission With Beam Sweeping in Covert Wireless Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 1080-1085.	6.3	34
17	Pilot Optimization, Channel Estimation, and Optimal Detection for Full-Duplex OFDM Systems With IQ Imbalances. IEEE Transactions on Vehicular Technology, 2017, 66, 6993-7009.	6.3	33
18	Neural networkâ€“based reconfiguration control for spacecraft formation in obstacle environments. International Journal of Robust and Nonlinear Control, 2018, 28, 2442-2456.	3.7	33

#	ARTICLE	IF	CITATIONS
19	Evaluation of startup companies using multicriteria decision making based on hesitant fuzzy linguistic information envelopment analysis models. <i>International Journal of Intelligent Systems</i> , 2021, 36, 2292-2322.	5.7	32
20	Intelligent Reflecting Surface (IRS)-Aided Covert Communication With Warden's Statistical CSI. <i>IEEE Wireless Communications Letters</i> , 2021, 10, 1449-1453.	5.0	28
21	Non-Rigid Point Set Registration via Adaptive Weighted Objective Function. <i>IEEE Access</i> , 2018, 6, 75947-75960.	4.2	24
22	Group Decision Making With Probabilistic Hesitant Multiplicative Preference Relations Based on Consistency and Consensus. <i>IEEE Access</i> , 2018, 6, 63329-63344.	4.2	20
23	Group Decision-Making Model With Hesitant Multiplicative Preference Relations Based on Regression Method and Feedback Mechanism. <i>IEEE Access</i> , 2018, 6, 61130-61150.	4.2	19
24	Off-chain Data Fetching Architecture for Ethereum Smart Contract. , 2018, , .		18
25	Robust Model Fitting Based on Greedy Search and Specified Inlier Threshold. <i>IEEE Transactions on Industrial Electronics</i> , 2019, 66, 7956-7966.	7.9	18
26	Pilot Optimization and Power Allocation for OFDM-Based Full-Duplex Relay Networks With IQ-Imbalances. <i>IEEE Access</i> , 2017, 5, 24344-24352.	4.2	17
27	Efficient Robust Model Fitting for Multistructure Data Using Global Greedy Search. <i>IEEE Transactions on Cybernetics</i> , 2020, 50, 3294-3306.	9.5	16
28	Terahertz Characterization of Lead-Free Dielectrics for Different Applications. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 53492-53503.	8.0	16
29	Non-rigid point set registration via global and local constraints. <i>Multimedia Tools and Applications</i> , 2018, 77, 31607-31625.	3.9	14
30	Martingale Theory-Based Optimal Task Allocation in Heterogeneous Vehicular Networks. <i>IEEE Access</i> , 2019, 7, 122354-122366.	4.2	14
31	Similarity-Based Approach for Group Decision Making with Multi-Granularity Linguistic Information. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , 2016, 24, 873-900.	1.9	12
32	A Bioinformatics Tool for the Prediction of DNA N6-Methyladenine Modifications Based on Feature Fusion and Optimization Protocol. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 502.	4.1	12
33	Reference-Modulated PI-DCSK: A New Efficient Chaotic Permutation Index Modulation Scheme. <i>IEEE Transactions on Vehicular Technology</i> , 2022, 71, 9663-9673.	6.3	12
34	Efficient Sequential Data Migration Scheme Considering Dying Data for HDD/SSD Hybrid Storage Systems. <i>IEEE Access</i> , 2017, 5, 23366-23373.	4.2	10
35	Preference Attitude-Based Method for Ranking Intuitionistic Fuzzy Numbers and Its Application in Renewable Energy Selection. <i>Complexity</i> , 2018, 2018, 1-14.	1.6	10
36	A Novel Group Decision Making Method Under Uncertain Multiplicative Linguistic Environment for Information System Selection. <i>IEEE Access</i> , 2019, 7, 19848-19855.	4.2	10

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37	Buffer-Aware Data Migration Scheme for Hybrid Storage Systems. IEEE Access, 2018, 6, 47646-47656.	4.2	9
38	The extra connectivity of enhanced hypercubes. International Journal of Parallel, Emergent and Distributed Systems, 2020, 35, 91-102.	1.0	9
39	Energy-aware buffer management scheme for NAND and flash-based consumer electronics. IEEE Transactions on Consumer Electronics, 2015, 61, 484-490.	3.6	8
40	Multiple-Antenna Spectrum Sensing Method With Random Arrivals of Primary Users. IEEE Transactions on Vehicular Technology, 2018, 67, 8978-8983.	6.3	8
41	Efficient Receive Beamformers for Secure Spatial Modulation Against a Malicious Full-Duplex Attacker With Eavesdropping Ability. IEEE Transactions on Vehicular Technology, 2021, 70, 1962-1966.	6.3	8
42	Some Families of Asymmetric Quantum MDS Codes Constructed from Constacyclic Codes. International Journal of Theoretical Physics, 2018, 57, 453-464.	1.2	7
43	SAR Image Segmentation Using Hierarchical Region Merging With Orientated Edge Strength Weighted Kuiper's Distance. IEEE Access, 2019, 7, 84479-84496.	4.2	7
44	Some New Classes of Entanglement-Assisted Quantum MDS Codes Derived From Constacyclic Codes. IEEE Access, 2019, 7, 91679-91695.	4.2	7
45	Deep Convolutional Network for Citrus Leaf Diseases Recognition. , 2019, , .		7
46	Secrecy Zone Achieved by Directional Modulation With Random Frequency Diverse Array. IEEE Transactions on Vehicular Technology, 2021, 70, 2001-2006.	6.3	7
47	Simplified Swarm Optimization-Based Function Module Detection in Protein-Protein Interaction Networks. Applied Sciences (Switzerland), 2017, 7, 412.	2.5	6
48	Some families of optimal quantum codes derived from constacyclic codes. Linear and Multilinear Algebra, 2019, 67, 725-742.	1.0	6
49	Motion Consistency-Based Correspondence Growing for Remote Sensing Image Matching. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	6
50	Covert Wireless Data Collection Based on Unmanned Aerial Vehicles. , 2019, , .		5
51	Terahertz probing of low-temperature degradation in zirconia bioceramics. Journal of the American Ceramic Society, 2022, 105, 1106-1115.	3.8	5
52	Spectrum Sensing Based on Nonparametric Autocorrelation in Wireless Communication Systems under Alpha Stable Noise. Mobile Information Systems, 2016, 2016, 1-6.	0.6	4
53	The plant virus microscope image registration method based on mismatches removing. Micron, 2016, 80, 90-95.	2.2	4
54	RFID-based stent-graft dynamic assessment for health cares. IET Networks, 2017, 6, 1-4.	1.8	4

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55	Weapon-target assignment in unreliable peer-to-peer architecture based on adapted artificial bee colony algorithm. <i>Frontiers of Computer Science</i> , 2022, 16, 1.	2.4	4
56	Distributed and Parallel Delaunay Triangulation Construction with Balanced Binary-tree Model in Cloud. , 2016, , .		3
57	Estimator-based adaptive neural network control of leader-follower high-order nonlinear multiagent systems with actuator faults. <i>Concurrency Computation Practice and Experience</i> , 2017, 29, e4225.	2.2	3
58	Sum-MSE Gain of DFT-Based Channel Estimator Over Frequency-Domain LS One in Full-Duplex OFDM Systems. <i>IEEE Systems Journal</i> , 2019, 13, 1231-1240.	4.6	3
59	Applications of Constacyclic Codes to Some New Entanglement-Assisted Quantum MDS Codes. <i>IEEE Access</i> , 2019, 7, 136641-136657.	4.2	3
60	One-Way URLLC with Truncated Channel Inversion Power Control. , 2019, , .		3
61	The g-good-neighbour conditional diagnosability of enhanced hypercube under PMC model. <i>International Journal of Parallel, Emergent and Distributed Systems</i> , 2020, 35, 29-41.	1.0	3
62	{1,2,3}-Restricted Connectivity of (n,k) -Enhanced Hypercubes. <i>Computer Journal</i> , 2020, 63, 1355-1371.	2.4	3
63	Visual image encryption scheme based on vector quantization and content transform. <i>Multimedia Tools and Applications</i> , 2022, 81, 12815.	3.9	3
64	Finite-time formation reconfiguration of multiple spacecraft with collision avoidance problems. , 2016, , .		2
65	Non-rigid Point Set Registration via Coherent Spatial Mapping and Local Structures Preserving. , 2016, , .		2
66	Distributed Testing System for Web Service Based on Crowdsourcing. <i>Complexity</i> , 2018, 2018, 1-15.	1.6	2
67	Probabilistic Linguistic VIKOR Method Based on TODIM for Reliable Participant Selection Problem in Mobile Crowdsensing. , 2019, , .		2
68	A Novel Algorithm Based on 2-Additive Measure and Shapley Value and Its Application in Land Pollution Remediation. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-13.	1.1	2
69	Graphic process units-based chicken swarm optimization algorithm for function optimization problems. <i>Concurrency Computation Practice and Experience</i> , 2021, 33, e5953.	2.2	2
70	SAR image segmentation with parallel region merging. <i>Multimedia Tools and Applications</i> , 2021, 80, 5701-5721.	3.9	2
71	How Does Repetition Coding Enable Reliable and Covert Communications?. <i>IEEE Wireless Communications Letters</i> , 2021, 10, 639-643.	5.0	2
72	Learning Two-View Correspondences and Geometry via Local Neighborhood Correlation. <i>Entropy</i> , 2021, 23, 1024.	2.2	2

#	ARTICLE	IF	CITATIONS
73	Spatiotemporal Data Model for Geographical Process Analysis with Case Study. , 2016, , .		1
74	Adaptive parallel Delaunay triangulation construction with dynamic pruned binary tree model in Cloud. Concurrency Computation Practice and Experience, 2017, 29, e4157.	2.2	1
75	Large-scale 3D Reconstruction with an R-based Analysis Workflow. , 2017, , .		1
76	Smooth point matching based on SIFT. , 2018, , .		1
77	Design of Variable-Gain First Order Sliding Mode and its Application to Spacecraft Attitude Synchronization. IEEE Access, 2019, 7, 137543-137551.	4.2	1
78	The (t, k)-diagnosability of shuffle-cubes under PMC model. International Journal of Computer Mathematics: Computer Systems Theory, 2019, 4, 111-126.	1.1	1
79	Graph-based RGB-D Image Segmentation Using Color-directional-region Merging. , 2019, , .		1
80	Clean-First Adaptive Buffer Replacement Algorithm for NAND Flash-Based Consumer Electronics. , 2019, , .		1
81	Double-weighted fuzzy clustering with samples and generalized entropy features. Concurrency Computation Practice and Experience, 2021, 33, e5758.	2.2	1
82	Polar Coded Modulation Operated With Physical Network Coding. IEEE Signal Processing Letters, 2021, 28, 997-1001.	3.6	1
83	Neural Network Based Virtual Machine Network Bandwidth Prediction. , 2016, , .		0
84	Adaptive Fuzzy Control of Leader-Follower High-Order Nonlinear Multi-agent Systems with Actuator Faults. , 2016, , .		0
85	Multi-agent Network and Cellular Automata Based Resources Assignment for City Educational System. , 2016, , .		0
86	Spectrum sensing with random arrivals of primary users by using multiple antennas. , 2017, , .		0
87	H<inf>â&tilde</inf> Time-Varying Formation Control of Multiple Spacecraft System. , 2018, , .		0
88	Automated Testing Framework for Geographical Distributed Testing Environment. , 2019, , .		0
89	Quaternion Based Attitude Determination Method of Cubature Kalman Filter. , 2021, , .		0
90	Application of HY-2 Satellite SST Data in 4D Variational Assimilation Ocean Forecast Model. International Journal of Distributed Systems and Technologies, 2017, 8, 15-26.	0.7	0

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91	On Likelihood Functions to Minimize KL Divergence in Binary Hypothesis Testing. , 2020, , .		0
92	Social Recommendation based on Graph Neural Networks. , 2020, , .		0
93	Multiband Spectrum Sensing and Power Allocation for aCognitive Radio-Enabled Smart Grid. Sensors, 2021, 21, 8384.	3.8	0
94	A Ranking of Software Reliability Evaluation Based on Intuitionistic Fuzzy Aggregation Technique. , 2021, , .		0