

# Honggang Wang

## List of Publications by Year in descending order

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276  
papers

5,899  
citations

87843

38  
h-index

114418

63  
g-index

282  
all docs

282  
docs citations

282  
times ranked

5506  
citing authors

#	ARTICLE	IF	CITATIONS
1	Visible light communications for 5G wireless networking systems: from fixed to mobile communications. IEEE Network, 2014, 28, 41-45.	4.9	292
2	Blockchain-Based Internet of Vehicles: Distributed Network Architecture and Performance Analysis. IEEE Internet of Things Journal, 2019, 6, 4640-4649.	5.5	261
3	ECG-Cryptography and Authentication in Body Area Networks. IEEE Transactions on Information Technology in Biomedicine, 2012, 16, 1070-1078.	3.6	200
4	Social Attribute Aware Incentive Mechanism for Device-to-Device Video Distribution. IEEE Transactions on Multimedia, 2017, 19, 1908-1920.	5.2	152
5	QoE-Driven Channel Allocation Schemes for Multimedia Transmission of Priority-Based Secondary Users over Cognitive Radio Networks. IEEE Journal on Selected Areas in Communications, 2012, 30, 1215-1224.	9.7	132
6	Resource-aware secure ECG healthcare monitoring through body sensor networks. IEEE Wireless Communications, 2010, 17, 12-19.	6.6	122
7	A Feature-Based Learning System for Internet of Things Applications. IEEE Internet of Things Journal, 2019, 6, 1928-1937.	5.5	116
8	Priority-Based Traffic Scheduling and Utility Optimization for Cognitive Radio Communication Infrastructure-Based Smart Grid. IEEE Transactions on Smart Grid, 2013, 4, 78-86.	6.2	114
9	Internet of Things for In-Home Health Monitoring Systems: Current Advances, Challenges and Future Directions. IEEE Journal on Selected Areas in Communications, 2021, 39, 300-310.	9.7	106
10	A hierarchical packet forwarding mechanism for energy harvesting wireless sensor networks. , 2015, 53, 92-98.		100
11	A Wireless Health Monitoring System Using Mobile Phone Accessories. IEEE Internet of Things Journal, 2017, 4, 2009-2018.	5.5	96
12	Secure wireless communication system for smart grid with rechargeable electric vehicles. , 2012, 50, 62-68.		94
13	Survey on Prediction Algorithms in Smart Homes. IEEE Internet of Things Journal, 2017, 4, 636-644.	5.5	93
14	Socially Aware Energy-Efficient Mobile Edge Collaboration for Video Distribution. IEEE Transactions on Multimedia, 2017, 19, 2197-2209.	5.2	92
15	Knowledge-Centric Edge Computing Based on Virtualized D2D Communication Systems. , 2018, 56, 32-38.		88
16	A survey of big data research. IEEE Network, 2015, 29, 6-9.	4.9	87
17	Cache Less for More: Exploiting Cooperative Video Caching and Delivery in D2D Communications. IEEE Transactions on Multimedia, 2019, 21, 1788-1798.	5.2	87
18	Interference Mitigation for Cyber-Physical Wireless Body Area Network System Using Social Networks. IEEE Transactions on Emerging Topics in Computing, 2013, 1, 121-132.	3.2	83

#	ARTICLE	IF	CITATIONS
19	Toward trustworthy vehicular social networks. , 2015, 53, 42-47.		82
20	Guest Editorial - Special Issue on Internet of Things (IoT): Architecture, Protocols and Services. IEEE Sensors Journal, 2013, 13, 3505-3510.	2.4	71
21	Security-oriented opportunistic data forwarding in Mobile Social Networks. Future Generation Computer Systems, 2018, 87, 803-815.	4.9	69
22	User preferences based software defect detection algorithms selection using MCDM. Information Sciences, 2012, 191, 3-13.	4.0	68
23	Stackelberg Game for Bandwidth Allocation in Cloud-Based Wireless Live-Streaming Social Networks. IEEE Systems Journal, 2014, 8, 256-267.	2.9	67
24	Multimedia communications over cognitive radio networks for smart grid applications. IEEE Wireless Communications, 2013, 20, 125-132.	6.6	63
25	A Network and Device Aware QoS Approach for Cloud-Based Mobile Streaming. IEEE Transactions on Multimedia, 2013, 15, 747-757.	5.2	63
26	Security protection between users and the mobile media cloud. , 2014, 52, 73-79.		63
27	CrowdBLPS: A Blockchain-Based Location-Privacy-Preserving Mobile Crowdsensing System. IEEE Transactions on Industrial Informatics, 2020, 16, 4206-4218.	7.2	61
28	Modeling Epidemics Spreading on Social Contact Networks. IEEE Transactions on Emerging Topics in Computing, 2015, 3, 410-419.	3.2	60
29	Topology Control for Building a Large-Scale and Energy-Efficient Internet of Things. IEEE Wireless Communications, 2017, 24, 67-73.	6.6	60
30	Energy-Constrained Distortion Reduction Optimization for Wavelet-Based Coded Image Transmission in Wireless Sensor Networks. IEEE Transactions on Multimedia, 2008, 10, 1169-1180.	5.2	58
31	Assessment of multi-hop interpersonal trust in social networks by Three-Valued Subjective Logic. , 2014, , .		58
32	Power management in SMAC-based energy-harvesting wireless sensor networks using queuing analysis. Journal of Network and Computer Applications, 2013, 36, 1008-1017.	5.8	54
33	SERS: Social-Aware Energy-Efficient Relay Selection in D2D Communications. IEEE Transactions on Vehicular Technology, 2018, 67, 5331-5345.	3.9	50
34	EMPIRICAL EVALUATION OF CLASSIFIERS FOR SOFTWARE RISK MANAGEMENT. International Journal of Information Technology and Decision Making, 2009, 08, 749-767.	2.3	49
35	Index-Based Selective Audio Encryption for Wireless Multimedia Sensor Networks. IEEE Transactions on Multimedia, 2010, 12, 215-223.	5.2	48
36	An Integrated Biometric-Based Security Framework Using Wavelet-Domain HMM in Wireless Body Area Networks (WBAN). , 2011, , .		48

#	ARTICLE	IF	CITATIONS
37	On Energy Efficient Encryption for Video Streaming in Wireless Sensor Networks. IEEE Transactions on Multimedia, 2010, 12, 417-426.	5.2	47
38	User-Centric Edge Sharing Mechanism in Software-Defined Ultra-Dense Networks. IEEE Journal on Selected Areas in Communications, 2020, 38, 1531-1541.	9.7	46
39	An Integrated Wearable Sensor for Unobtrusive Continuous Measurement of Autonomic Nervous System. IEEE Internet of Things Journal, 2019, 6, 1104-1113.	5.5	45
40	Reliability Modeling of Mesh Storage Area Networks for Internet of Things. IEEE Internet of Things Journal, 2017, 4, 2047-2057.	5.5	43
41	Secure Stochastic ECG Signals Based on Gaussian Mixture Model for Health-care Systems. IEEE Systems Journal, 2011, 5, 564-573.	2.9	42
42	Edge-Cloud Collaboration Enabled Video Service Enhancement: A Hybrid Human-Artificial Intelligence Scheme. IEEE Transactions on Multimedia, 2021, 23, 2208-2221.	5.2	42
43	Social overlapping community-aware neighbor discovery for D2D communications. IEEE Wireless Communications, 2016, 23, 28-34.	6.6	41
44	Securing wireless communications of connected vehicles with artificial intelligence. , 2017, , .		41
45	Similarity Aware Safety Multimedia Data Transmission Mechanism for Internet of Vehicles. Future Generation Computer Systems, 2019, 99, 609-623.	4.9	40
46	Comparative Investigation on CSMA/CA-Based Opportunistic Random Access for Internet of Things. IEEE Internet of Things Journal, 2014, 1, 171-179.	5.5	39
47	Resources Allocation in Multicell D2D Communications for Internet of Things. IEEE Internet of Things Journal, 2018, 5, 4100-4108.	5.5	39
48	Cross-layer multirate interaction with Distributed Source Coding in Wireless Sensor Networks. IEEE Transactions on Wireless Communications, 2009, 8, 787-795.	6.1	38
49	Distributed Security Architecture Based on Blockchain for Connected Health: Architecture, Challenges, and Approaches. IEEE Wireless Communications, 2019, 26, 30-36.	6.6	38
50	A Survey of Collaborative Machine Learning Using 5G Vehicular Communications. IEEE Communications Surveys and Tutorials, 2022, 24, 1280-1303.	24.8	38
51	Automatic Detection of Opioid Intake Using Wearable Biosensor. , 2018, 2018, 784-788.		37
52	Combinatorial analysis of body sensor networks subject to probabilistic competing failures. Reliability Engineering and System Safety, 2015, 142, 388-398.	5.1	36
53	Distributed resource allocation in cloud-based wireless multimedia social networks. IEEE Network, 2014, 28, 74-80.	4.9	35
54	Dynamic Coding Control in Social Intermittent Connectivity Wireless Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 7634-7646.	3.9	35

#	ARTICLE	IF	CITATIONS
55	Machine-Learning-Enabled Cooperative Perception for Connected Autonomous Vehicles: Challenges and Opportunities. IEEE Network, 2021, 35, 96-101.	4.9	35
56	OpinionWalk: An efficient solution to massive trust assessment in online social networks. , 2017, , .		34
57	A Survey on Secure Wireless Body Area Networks. Security and Communication Networks, 2017, 2017, 1-9.	1.0	34
58	Cross-layer routing optimization in multirate wireless sensor networks for distributed source coding based applications. IEEE Transactions on Wireless Communications, 2008, 7, 3999-4009.	6.1	33
59	A new nonlinear classifier with a penalized signed fuzzy measure using effective genetic algorithm. Pattern Recognition, 2010, 43, 1393-1401.	5.1	32
60	Quality-Driven Energy-Neutralized Power and Relay Selection for Smart Grid Wireless Multimedia Sensor Based IoTs. IEEE Sensors Journal, 2013, 13, 3637-3644.	2.4	32
61	Indoor Human Activity Recognition Based on Ambient Radar with Signal Processing and Machine Learning. , 2018, , .		32
62	An Energy-Efficient Data Forwarding Strategy for Heterogeneous WBANs. IEEE Access, 2016, 4, 7251-7261.	2.6	30
63	Trust Assessment in Online Social Networks. IEEE Transactions on Dependable and Secure Computing, 2021, 18, 994-1007.	3.7	30
64	Sentiment Analysis on Reviews of Mobile Users. Procedia Computer Science, 2014, 34, 458-465.	1.2	29
65	An accurate, high-speed, portable bifunctional electrical detector for COVID-19. Science China Materials, 2021, 64, 739-747.	3.5	29
66	Quality-of-protection-driven data forwarding for intermittently connected wireless networks. IEEE Wireless Communications, 2015, 22, 66-73.	6.6	27
67	Mobile multimedia sensor networks: architecture and routing. Eurasip Journal on Wireless Communications and Networking, 2011, 2011, .	1.5	26
68	Cluster-Based Epidemic Control through Smartphone-Based Body Area Networks. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 681-690.	4.0	26
69	Group-Based Cooperation on Symmetric Key Generation for Wireless Body Area Networks. IEEE Internet of Things Journal, 2017, 4, 1955-1963.	5.5	25
70	Energy Efficient Multirate Interaction in Distributed Source Coding and Wireless Sensor Network. , 2007, , .		24
71	Node Service Ability Aware Packet Forwarding Mechanism in Intermittently Connected Wireless Networks. IEEE Transactions on Wireless Communications, 2016, 15, 8169-8181.	6.1	24
72	Securing Cooperative Spectrum Sensing Against Collusive False Feedback Attack in Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 8276-8287.	3.9	24

#	ARTICLE	IF	CITATIONS
73	A Multimedia Quality-Driven Network Resource Management Architecture for Wireless Sensor Networks With Stream Authentication. IEEE Transactions on Multimedia, 2010, 12, 439-447.	5.2	23
74	System Reliability Modeling Considering Correlated Probabilistic Competing Failures. IEEE Transactions on Reliability, 2018, 67, 416-431.	3.5	23
75	Image transmissions with security enhancement based on region and path diversity in wireless sensor networks. IEEE Transactions on Wireless Communications, 2009, 8, 757-765.	6.1	21
76	Privacy-Preserving Multimedia Big Data Aggregation in Large-Scale Wireless Sensor Networks. ACM Transactions on Multimedia Computing, Communications and Applications, 2016, 12, 1-19.	3.0	21
77	Joint Resource Allocation and 3D Aerial Trajectory Design for Video Streaming in UAV Communication Systems. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 3227-3241.	5.6	21
78	An adaptive approach for image encryption and secure transmission over multirate wireless sensor networks. Wireless Communications and Mobile Computing, 2009, 9, 383-393.	0.8	20
79	An Intercommunication Home Energy Management System with Appliance Recognition in Home Network. Mobile Networks and Applications, 2012, 17, 132-142.	2.2	20
80	Effective epidemic control and source tracing through mobile social sensing over WBANs. , 2013, , .		20
81	Communication-resource-aware adaptive watermarking for multimedia authentication in wireless multimedia sensor networks. Journal of Supercomputing, 2013, 64, 883-897.	2.4	20
82	A new mining method to detect real time substance use events from wearable biosensor data stream. , 2017, 2017, 465-470.		20
83	A New MI-Based Visualization Aided Validation Index for Mining Big Longitudinal Web Trial Data. IEEE Access, 2016, 4, 2272-2280.	2.6	19
84	Local Trajectory Privacy Protection in 5G Enabled Industrial Intelligent Logistics. IEEE Transactions on Industrial Informatics, 2022, 18, 2868-2876.	7.2	19
85	Energy-Efficient Mobile Edge Computing Under Delay Constraints. IEEE Transactions on Green Communications and Networking, 2022, 6, 776-786.	3.5	19
86	Rate adaptation with loss diagnosis on IEEE 802.11 networks. International Journal of Communication Systems, 2012, 25, 515-528.	1.6	18
87	In-band full duplex wireless communications and networking for IoT devices: Progress, challenges and opportunities. Future Generation Computer Systems, 2019, 92, 705-714.	4.9	18
88	Multiple Imputation based Clustering Validation (MIV) for Big Longitudinal Trial Data with Missing Values in eHealth. Journal of Medical Systems, 2016, 40, 146.	2.2	17
89	Sensoring: An Integrated Wearable System for Continuous Measurement of Physiological Biomarkers. , 2018, , .		17
90	Reinforcement Learning for Joint Optimization of Communication and Computation in Vehicular Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 13062-13072.	3.9	16

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91	Energy-Constrained Quality Optimization for Secure Image Transmission in Wireless Sensor Networks. <i>Advances in Multimedia</i> , 2007, 2007, 1-9.	0.2	15
92	An Energy Efficient Pre-Schedule Scheme for Hybrid CSMA/TDMA MAC in Wireless Sensor Networks. , 2006, , .		14
93	Analytical Modeling of Medium-Access Delay for Cooperative Wireless Networks Over Rayleigh Fading Channels. <i>IEEE Transactions on Vehicular Technology</i> , 2013, 62, 349-359.	3.9	14
94	Cognitive Radio-Based Smart Grid Traffic Scheduling With Binary Exponential Backoff. <i>IEEE Internet of Things Journal</i> , 2017, 4, 2038-2046.	5.5	14
95	Dynamical Credibility Assessment of Privacy-Preserving Strategy for Opportunistic Mobile Crowd Sensing. <i>IEEE Access</i> , 2018, 6, 37430-37443.	2.6	14
96	DSIC: Deep Learning Based Self-Interference Cancellation for In-Band Full Duplex Wireless. , 2019, , .		14
97	Wearables technology for drug abuse detection: A survey of recent advancement. <i>Smart Health</i> , 2019, 13, 100062.	2.0	14
98	Two-Layer Stackelberg Game-Based Offloading Strategy for Mobile Edge Computing Enhanced FiWi Access Networks. <i>IEEE Transactions on Green Communications and Networking</i> , 2021, 5, 457-470.	3.5	14
99	Modeling Channel Allocation for Multimedia Transmission Over Infrastructure Based Cognitive Radio Networks. <i>IEEE Systems Journal</i> , 2011, 5, 417-426.	2.9	13
100	Automatic objects removal for scene completion. , 2014, , .		13
101	Game User-Oriented Multimedia Transmission Over Cognitive Radio Networks. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2017, 27, 198-208.	5.6	13
102	Multipoint Cooperative Transmission for Virtual Reality in 5G New Radio. <i>IEEE MultiMedia</i> , 2019, 26, 51-58.	1.5	13
103	Study of an energy efficient multi rate scheme for wireless sensor network MAC protocol. , 2006, , .		12
104	Channel allocation and reallocation for cognitive radio networks. <i>Wireless Communications and Mobile Computing</i> , 2013, 13, 1073-1081.	0.8	12
105	Performance Analysis of Media Cloud-Based Multimedia Systems With Retrying Fault-Tolerance Technique. <i>IEEE Systems Journal</i> , 2014, 8, 313-321.	2.9	12
106	Adaptive FEC coding and cooperative relayed wireless image transmission. <i>Digital Communications and Networks</i> , 2015, 1, 213-221.	2.7	12
107	Power Allocation in Wireless Network Virtualization with Buyer/Seller and Auction Game. , 2015, , .		12
108	Cooperative Stepwise Relaying and Combining for Multihop Vehicular Wireless Communication. <i>IEEE Transactions on Vehicular Technology</i> , 2015, 64, 2663-2671.	3.9	12

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109	A New Lossless Fault-Tolerance Mechanism in Hybrid Wireless-Optical Broadband Access Network. IEEE Access, 2018, 6, 19427-19440.	2.6	12
110	Optimal Image Component Transmissions in Multirate Wireless Sensor Networks. , 2007, , .		11
111	Taming Underlying Design for Energy Efficient Distributed Source Coding in Multirate Wireless Sensor Network. IEEE Vehicular Technology Conference, 2007, , .	0.2	11
112	Smart grid communications in challenging environments. , 2012, , .		11
113	Guest Editorial : Special Issue on Internet of Things for Smart and Connected Health. IEEE Internet of Things Journal, 2015, 2, 1-4.	5.5	11
114	Concurrent transmission based stackelberg game for D2D communications in mmWave networks. , 2017, , .		11
115	Scaling Laws of Key Predistribution Protocols in Wireless Sensor Networks. IEEE Transactions on Information Forensics and Security, 2011, 6, 1370-1381.	4.5	10
116	Dynamic scheduling and analysis of real time systems with multiprocessors. Digital Communications and Networks, 2016, 2, 130-138.	2.7	10
117	Secure and efficient key generation and agreement methods for wireless body area networks. , 2017, , .		10
118	Non-Contact Non-Invasive Heart and Respiration Rates Monitoring with MIMO Radar Sensing. , 2018, , .		10
119	Socially aware D2D cooperative communications for enhancing Internet of Things application. Eurasip Journal on Wireless Communications and Networking, 2018, 2018, .	1.5	10
120	An inexpensive and ultra-low power sensor node for wireless health monitoring system. , 2015, , .		9
121	Research advance in wireless networks and mobile computing. Telecommunication Systems, 2015, 60, 1-2.	1.6	9
122	Malicious-Behavior-Aware D2D Link Selection Mechanism. IEEE Access, 2017, 5, 15162-15173.	2.6	9
123	User Centric Content Sharing Based on D2D Cellular Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 11208-11218.	3.9	9
124	Multiattack Intrusion Detection Algorithm for Edge-Assisted Internet of Things. , 2019, , .		9
125	Percolation analysis of large-scale wireless balloon networks. Digital Communications and Networks, 2019, 5, 84-93.	2.7	9
126	Prospects of 60 GHz mmWave WBAN: A PHY-MAC Joint Approach. IEEE Transactions on Vehicular Technology, 2020, 69, 6153-6164.	3.9	9



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127	Cross Layer Design and Implementation for Balancing Energy Efficiency in Wireless Sensor Networks. Information Technology Journal, 2007, 6, 648-655.	0.3	9
128	Deterministic Latency Bounded Network Slice Deployment in IP-Over-WDM Based Metro-Aggregation Networks. IEEE Transactions on Network Science and Engineering, 2022, 9, 596-607.	4.1	9
129	A Survey on the Cross-Layer Design for Wireless Multimedia Sensor Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 474-486.	0.2	8
130	Epidemic Control Based on Fused Body Sensed and Social Network Information. , 2012, , .		8
131	Performance Analysis of Distributed Access Multihop Poisson Networks. IEEE Transactions on Vehicular Technology, 2014, 63, 849-858.	3.9	8
132	Supporting secure spectrum sensing data transmission against SSDH attack in cognitive radio ad hoc networks. Journal of Network and Computer Applications, 2016, 72, 140-149.	5.8	8
133	Fundamental relationship between node dynamic and content cooperative transmission in mobile multimedia communications. Computer Communications, 2018, 120, 71-79.	3.1	8
134	Real-Time Indoor 3D Human Imaging Based on MIMO Radar Sensing. , 2019, , .		8
135	Artificial Intelligence (AI) Driven Wireless Body Area Networks: Challenges and Directions. , 2019, , .		8
136	Harmonizing Wearable Biosensor Data Streams to Test Polysubstance Detection. , 2020, 2020, 445-449.		8
137	Channel Information based Cryptography and Authentication in Wireless Body Area Networks. , 2013, , .		8
138	A cross layer resource allocation scheme for secure image delivery in wireless sensor networks. , 2007, , .		7
139	Energy-Distortion-Authentication Optimized Resource Allocation for Secure Wireless Image Streaming. , 2008, , .		7
140	Adaptive Data Compression in Wireless Body Sensor Networks. , 2010, , .		7
141	BDD-based two-party trust sensitivity analysis for social networks. International Journal of Security and Networks, 2012, 7, 242.	0.1	7
142	Processing time analysis of cloud services with retrying fault-tolerance technique. , 2012, , .		7
143	The virtue of sharing: Efficient content delivery in Wireless Body Area Networks for ubiquitous healthcare. , 2013, , .		7
144	Transmission Mode Selection and Interference Mitigation for Social Aware D2D Communication. , 2016, , .		7

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145	Reliability of systems subject to competing failure propagation and probabilistic failure isolation. International Journal of Systems Science: Operations and Logistics, 2017, 4, 241-259.	2.0	7
146	Guest Editorial Multimedia Communication in the Internet of Things. IEEE Internet of Things Journal, 2017, 4, 484-486.	5.5	7
147	Poster Abstract: Detecting Kratom Intoxication in Wearable Biosensor Data. , 2019, , .		7
148	User Satisfaction-Aware Resource Allocation for D2D Enhanced Communication. IEEE Access, 2019, 7, 528-539.	2.6	7
149	Mobility Modeling and Stochastic Property Analysis of Airborne Network. IEEE Transactions on Network Science and Engineering, 2020, 7, 1282-1294.	4.1	7
150	A Route-Oriented Sleep Approach in Wireless Sensor Network. , 2006, , .		6
151	Collaborative Image Transmissions Based on Region and Path Diversity in Wireless Sensor Network. , 2007, , .		6
152	Video transmission over Cognitive Radio networks. , 2011, , .		6
153	Real-time video surveillance for large scenes. , 2011, , .		6
154	Quality-driven secure audio transmissions in wireless multimedia sensor networks. Multimedia Tools and Applications, 2013, 67, 119-135.	2.6	6
155	Socialized WBANs in mobile sensing environments. IEEE Network, 2014, 28, 91-95.	4.9	6
156	Visualization aided engagement pattern validation for big longitudinal web behavior intervention data. , 2015, , .		6
157	A novel initialization method for particle swarm optimization-based FCM in big biomedical data. , 2015, , .		6
158	Multimedia Traffic Placement under 5G radio access techniques in indoor environments. , 2015, , .		6
159	A Real Time and Non-Contact Multiparameter Wearable Device for Health Monitoring. , 2016, , .		6
160	SIMPLEX: Symbol-Level Information Multiplex. IEEE Internet of Things Journal, 2016, 3, 757-766.	5.5	6
161	eFCM: An Enhanced Fuzzy C-Means Algorithm for Longitudinal Intervention Data. , 2018, 2018, 912-916.		6
162	Coverage Analysis of Random UAV Networks Using Percolation Theory. , 2020, , .		6

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163	Fast Communication-Efficient Spectral Clustering over Distributed Data. IEEE Transactions on Big Data, 2021, 7, 158-168.	4.4	6
164	Nonlinear Classification by Genetic Algorithm with Signed Fuzzy Measure. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	5
165	Quality-Optimized Energy Neutrality with Link Layer Resource Allocation for Zero-Power Harvesting Wireless Communications. , 2011, , .		5
166	BRIDGING VITAL SIGNS AND SOCIAL INTERACTIONS FOR RESOURCE-CONSTRAINED EPIDEMIC CONTROL. International Journal of Information Technology and Decision Making, 2013, 12, 469-489.	2.3	5
167	Development of an inkjet printed green antenna and twisting effect for wireless body area network. , 2015, , .		5
168	Epidemic source tracing on social contact networks. , 2015, , .		5
169	Power control and localization of wireless body area networks using semidefinite programming. , 2015, , .		5
170	Evaluate clustering performance and computational efficiency for PSO based fuzzy clustering methods in processing big imbalanced data. , 2017, , .		5
171	Intelligent networks assisted by cognitive computing and machine learning. IEEE Network, 2019, 33, 6-8.	4.9	5
172	Beamforming and Scalable Image Processing in Vehicle-to-Vehicle Networks. Journal of Signal Processing Systems, 2022, 94, 445-454.	1.4	5
173	Optimal rate-oriented routing for distributed source coding in wireless sensor network. , 2006, , .		4
174	Image Component Transmissions in Wireless Sensor Network. , 2007, , .		4
175	Matching Stream Authentication and Resource Allocation to Multimedia Codec Dependency with Position-Value Partitioning in Wireless Multimedia Sensor Networks. , 2009, , .		4
176	Graph-Based Authentication Design for Color-Depth-Based 3D Video Transmission over Wireless Networks. IEEE Transactions on Network and Service Management, 2013, 10, 245-254.	3.2	4
177	ESammon: A computationally enhanced sammon mapping based on data density. , 2016, 2016, .		4
178	Interference Mitigation for Wireless Body Area Networks with Fast Convergent Game. , 2017, , .		4
179	Participant reputation aware data collecting mechanism for mobile crowd sensing. , 2017, , .		4
180	K-nearest Neighbor Search by Random Projection Forests. , 2018, , .		4

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181	Guest Editorial: Big Data Infrastructure I. IEEE Transactions on Big Data, 2018, 4, 148-149.	4.4	4
182	A Data-Centric Cognitive Gateway with Distributed MIMO for Future Smart Homes. IEEE Wireless Communications, 2019, 26, 40-46.	6.6	4
183	Accelerated Prediction of Bradycardia in Preterm Infants Using Time-Frequency Analysis. , 2019, , .		4
184	Backup fibre deployment algorithm based on daily traffic demand in fibre-wireless (FiWi) access networks. IET Communications, 2019, 13, 2956-2965.	1.5	4
185	Introduction to the Special Section on Network Science for Internet of Things (IoT). IEEE Transactions on Network Science and Engineering, 2020, 7, 237-238.	4.1	4
186	A Survey on Cognitive Radio Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 487-498.	0.2	3
187	Performance evaluation of channel guard scheme for cognitive radio networks. , 2011, , .		3
188	A Cooperative Transmission Approach to Reduce End-to-End Delay in Multi Hop Wireless Ad-Hoc Networks. , 2011, , .		3
189	Depth-color based 3D image transmission over wireless networks with QoE provisions. Computer Communications, 2012, 35, 1838-1845.	3.1	3
190	Low-Complexity Segment Training Channel Estimation in Cloud Radio Access Networks. , 2015, , .		3
191	Uncovering the mystery of trust in an online social network. , 2015, , .		3
192	Design and Implementation of Real-time Sobel Edge Detection on FPGA for Mobile Device Applications. , 2015, , .		3
193	Service Demand Discovery Mechanism for Mobile Social Networks. Sensors, 2016, 16, 1982.	2.1	3
194	Optimal Resource Allocation for Deeply Overlapped Self-Coexisting WBANs. , 2016, , .		3
195	Real time non-contact remote cardiac monitoring. , 2016, , .		3
196	A key agreement method for wireless body area networks. , 2016, , .		3
197	IEEE Access Special Section Editorial: Trust Management in Pervasive Social Networking (TruPSN). IEEE Access, 2018, 6, 16851-16854.	2.6	3
198	QoE-Aware Video Collaborative Distribution Mechanism in Cloud Radio Access Networks. , 2019, , .		3

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199	Neuro-Fuzzy classifier for longitudinal behavioral intervention data. , 2019, , .		3
200	A Multi-UAVs Communication Network Simulation Platform using OPNET Modeler. , 2020, , .		3
201	Robust EEG-based Emotion Recognition using Multi-feature Joint Sparse Representation. , 2020, , .		3
202	Constellation coordination and pilot reuse for multi-cell large-scale MIMO systems. IET Communications, 2020, 14, 357-363.	1.5	3
203	Exploring Region of Interest (ROI) to Support Quality of Service in Unreliable Wireless Electronic Healthcare Communications. International Journal of Healthcare Information Systems and Informatics, 2012, 7, 1-12.	1.0	3
204	IEEE 802.11 Traffic Measurement and Analysis. , 2016, , .		3
205	Performance Analysis of Wearable UWB Logo Antenna for Healthcare Monitoring. , 2015, , .		3
206	Multiplexing-diversity balanced cooperative wireless cellular networks based on Alamouti space time code for multimedia transmission. , 2012, , .		2
207	Reliability of scale-free complex networks. , 2013, , .		2
208	Distributed MapReduce engine with fault tolerance. , 2014, , .		2
209	Game User-Oriented Multimedia Transmission over Cognitive Radio Networks. , 2015, , .		2
210	Emerging applications, services, and engineering for cellular cognitive systems: part II [Guest Editorial]. , 2015, 53, 66-68.		2
211	Static Object Wi-Fi Imaging and Classifier. , 2018, , .		2
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