

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	Local Trajectory Privacy Protection in 5G Enabled Industrial Intelligent Logistics. IEEE Transactions on Industrial Informatics, 2022, 18, 2868-2876.	7.2	19
2	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
3	Energy-Efficient Mobile Edge Computing Under Delay Constraints. IEEE Transactions on Green Communications and Networking, 2022, 6, 776-786.	3.5	19
4	Beamforming and Scalable Image Processing in Vehicle-to-Vehicle Networks. Journal of Signal Processing Systems, 2022, 94, 445-454.	1.4	5
5	A Survey of Collaborative Machine Learning Using 5G Vehicular Communications. IEEE Communications Surveys and Tutorials, 2022, 24, 1280-1303.	24.8	38
6	Intelligent Behavioral Trajectory Pattern Recognition for Longitudinal Trials. Series in Computer Vision, 2022, , 11-29.	0.1	0
7	Fast Communication-Efficient Spectral Clustering over Distributed Data. IEEE Transactions on Big Data, 2021, 7, 158-168.	4.4	6
8	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
9	Trust Assessment in Online Social Networks. IEEE Transactions on Dependable and Secure Computing, 2021, 18, 994-1007.	3.7	30
10	Edge-Cloud Collaboration Enabled Video Service Enhancement: A Hybrid Human-Artificial Intelligence Scheme. IEEE Transactions on Multimedia, 2021, 23, 2208-2221.	5.2	42
11	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
12	Guest Editorial: Internet of Things for In-Home Health Monitoring. IEEE Journal on Selected Areas in Communications, 2021, 39, 295-299.	9.7	2
13	Two-Layer Stackelberg Game-Based Offloading Strategy for Mobile Edge Computing Enhanced FiWi Access Networks. IEEE Transactions on Green Communications and Networking, 2021, 5, 457-470.	3.5	14
14	Machine-Learning-Enabled Cooperative Perception for Connected Autonomous Vehicles: Challenges and Opportunities. IEEE Network, 2021, 35, 96-101.	4.9	35
15	Guest Editorial: Softwarized Networking for Next Generation Industrial Cyber-Physical Systems. IEEE Transactions on Industrial Informatics, 2021, 17, 5506-5510.	7.2	0
16	An accurate, high-speed, portable bifunctional electrical detector for COVID-19. Science China Materials, 2021, 64, 739-747.	3.5	29
17	Hybrid Human-Artificial Intelligence Enabled Edge Caching Based on Interest Evolution. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 107-122.	0.2	0
18	EDA-based Data Stream Pattern Analysis and Peak Detection Algorithm for Substance Users. , 2021, , .		0

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19	Reinforcement Learning for Joint Optimization of Communication and Computation in Vehicular Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 13062-13072.	3.9	16
20	Mobility Modeling and Stochastic Property Analysis of Airborne Network. IEEE Transactions on Network Science and Engineering, 2020, 7, 1282-1294.	4.1	7
21	CrowdBLPS: A Blockchain-Based Location-Privacy-Preserving Mobile Crowdsensing System. IEEE Transactions on Industrial Informatics, 2020, 16, 4206-4218.	7.2	61
22	A New Emulation Platform for Real-time Machine Learning in Substance Use Data Streams. , 2020, , .		2
23	A Multi-UAVs Communication Network Simulation Platform using OPNET Modeler. , 2020, , .		3
24	An Adaptive and Dynamic Biosensor Epidemic Model for COVID-19. , 2020, , .		1
25	Prospects of 60 GHz mmWave WBAN: A PHY-MAC Joint Approach. IEEE Transactions on Vehicular Technology, 2020, 69, 6153-6164.	3.9	9
26	Robust EEG-based Emotion Recognition using Multi-feature Joint Sparse Representation. , 2020, , .		3
27	Harmonizing Wearable Biosensor Data Streams to Test Polysubstance Detection. , 2020, 2020, 445-449.		8
28	Constellation coordination and pilot reuse for multi-cell large-scale MIMO systems. IET Communications, 2020, 14, 357-363.	1.5	3
29	UCRA: A User-Centric Context-Aware Resource Allocation for Network Slicing. , 2020, , .		2
30	Coverage Analysis of Random UAV Networks Using Percolation Theory. , 2020, , .		6
31	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
32	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
33	Smart Spectrum Switching in Wireless Body Area Networks. , 2020, , .		2
34	Concurrent transmission scheduling algorithm based on Stackelberg game to enhance time reuse for D2D communications in mmWave networks. IET Communications, 2020, 14, 3882-3892.	1.5	1
35	Molecular Communication for Wireless Body Area Networks. , 2020, , 921-925.		1
36	Real-Time Indoor 3D Human Imaging Based on MIMO Radar Sensing. , 2019, , .		8

#	ARTICLE	IF	CITATIONS
37	A Data-Centric Cognitive Gateway with Distributed MIMO for Future Smart Homes. IEEE Wireless Communications, 2019, 26, 40-46.	6.6	4
38	TSGO: Exploiting Medium Collaboration for Green Edge. , 2019, , .		1
39	Integrated Node Authentication and Key Distribution Method for Body Area Network. , 2019, , .		1
40	QoE-Aware Video Collaborative Distribution Mechanism in Cloud Radio Access Networks. , 2019, , .		3
41	Similarity Aware Safety Multimedia Data Transmission Mechanism for Internet of Vehicles. Future Generation Computer Systems, 2019, 99, 609-623.	4.9	40
42	Intelligent networks assisted by cognitive computing and machine learning. IEEE Network, 2019, 33, 6-8.	4.9	5
43	Neuro-Fuzzy classifier for longitudinal behavioral intervention data. , 2019, , .		3
44	Accelerated Prediction of Bradycardia in Preterm Infants Using Time-Frequency Analysis. , 2019, , .		4
45	Full Body Beamsteered Wi-Fi Imaging and Threat Classifier for Public Transportation. , 2019, , .		1
46	Multiattack Intrusion Detection Algorithm for Edge-Assisted Internet of Things. , 2019, , .		9
47	Artificial Intelligence (AI) Driven Wireless Body Area Networks: Challenges and Directions. , 2019, , .		8
48	DSIC: Deep Learning Based Self-Interference Cancellation for In-Band Full Duplex Wireless. , 2019, , .		14
49	Poster Abstract: Detecting Kratom Intoxication in Wearable Biosensor Data. , 2019, , .		7
50	Backup fibre deployment algorithm based on daily traffic demand in fibreâ€‘wireless (FiWi) access networks. IET Communications, 2019, 13, 2956-2965.	1.5	4
51	Distributed Security Architecture Based on Blockchain for Connected Health: Architecture, Challenges, and Approaches. IEEE Wireless Communications, 2019, 26, 30-36.	6.6	38
52	An Integrated Wearable Sensor for Unobtrusive Continuous Measurement of Autonomic Nervous System. IEEE Internet of Things Journal, 2019, 6, 1104-1113.	5.5	45
53	Cache Less for More: Exploiting Cooperative Video Caching and Delivery in D2D Communications. IEEE Transactions on Multimedia, 2019, 21, 1788-1798.	5.2	87
54	User Satisfaction-Aware Resource Allocation for D2D Enhanced Communication. IEEE Access, 2019, 7, 528-539.	2.6	7

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55	Multipoint Cooperative Transmission for Virtual Reality in 5G New Radio. IEEE MultiMedia, 2019, 26, 51-58.	1.5	13
56	Wearables technology for drug abuse detection: A survey of recent advancement. Smart Health, 2019, 13, 100062.	2.0	14
57	A Feature-Based Learning System for Internet of Things Applications. IEEE Internet of Things Journal, 2019, 6, 1928-1937.	5.5	116
58	Blockchain-Based Internet of Vehicles: Distributed Network Architecture and Performance Analysis. IEEE Internet of Things Journal, 2019, 6, 4640-4649.	5.5	261
59	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
60	Percolation analysis of large-scale wireless balloon networks. Digital Communications and Networks, 2019, 5, 84-93.	2.7	9
61	Molecular Communication for Wireless Body Area Networks. , 2019, , 1-5.		2
62	Fundamental relationship between node dynamic and content cooperative transmission in mobile multimedia communications. Computer Communications, 2018, 120, 71-79.	3.1	8
63	SERS: Social-Aware Energy-Efficient Relay Selection in D2D Communications. IEEE Transactions on Vehicular Technology, 2018, 67, 5331-5345.	3.9	50
64	A New Lossless Fault-Tolerance Mechanism in Hybrid Wireless-Optical Broadband Access Network. IEEE Access, 2018, 6, 19427-19440.	2.6	12
65	IEEE Access Special Section Editorial: Trust Management in Pervasive Social Networking (TruPSN). IEEE Access, 2018, 6, 16851-16854.	2.6	3
66	Editorial: Multimedia Transmission and Process in Heterogeneous Network. Mobile Networks and Applications, 2018, 23, 597-598.	2.2	0
67	System Reliability Modeling Considering Correlated Probabilistic Competing Failures. IEEE Transactions on Reliability, 2018, 67, 416-431.	3.5	23
68	Security-oriented opportunistic data forwarding in Mobile Social Networks. Future Generation Computer Systems, 2018, 87, 803-815.	4.9	69
69	Static Object Wi-Fi Imaging and Classifier. , 2018, , .		2
70	K-nearest Neighbor Search by Random Projection Forests. , 2018, , .		4
71	Non-Contact Non-Invasive Heart and Respiration Rates Monitoring with MIMO Radar Sensing. , 2018, , .		10
72	A New Efficient Scheme for Securely Growing WBAN Nodes. , 2018, , .		0

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73	User Centric Content Sharing Based on D2D Cellular Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 11208-11218.	3.9	9
74	Resources Allocation in Multicell D2D Communications for Internet of Things. IEEE Internet of Things Journal, 2018, 5, 4100-4108.	5.5	39
75	Guest Editorial: Big Data Infrastructure II. IEEE Transactions on Big Data, 2018, 4, 299-300.	4.4	2
76	SensoRing: An Integrated Wearable System for Continuous Measurement of Physiological Biomarkers. , 2018, , .		17
77	Guest Editorial: Big Data Infrastructure I. IEEE Transactions on Big Data, 2018, 4, 148-149.	4.4	4
78	Knowledge-Centric Edge Computing Based on Virtualized D2D Communication Systems. , 2018, 56, 32-38.		88
79	A Novel Fault Tolerance Parallel Routing Mechanism with Network Coding in Hybrid Wireless-Optical Broadband Access Network. , 2018, , .		1
80	Socially aware D2D cooperative communications for enhancing Internet of Things application. Eurasip Journal on Wireless Communications and Networking, 2018, 2018, .	1.5	10
81	Automatic Detection of Opioid Intake Using Wearable Biosensor. , 2018, 2018, 784-788.		37
82	eFCM: An Enhanced Fuzzy C-Means Algorithm for Longitudinal Intervention Data. , 2018, 2018, 912-916.		6
83	Dynamical Credibility Assessment of Privacy-Preserving Strategy for Opportunistic Mobile Crowd Sensing. IEEE Access, 2018, 6, 37430-37443.	2.6	14
84	Indoor Human Activity Recognition Based on Ambient Radar with Signal Processing and Machine Learning. , 2018, , .		32
85	A New Protection Scheme Based on Daily Traffic Demand for Survivable Fiber-Wireless (FiWi) Access Network. , 2018, , .		2
86	High Clutter, Close Range, Wi-Fi Imaging and Probabilistic, Learning Classifier (Poster). , 2018, , .		0
87	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
88	An Implementation of Cloud Based Camera Monitoring System for Healthcare. , 2018, , .		0
89	A computational efficient fuzzy clustering algorithm for big incomplete longitudinal trial data. , 2018, , .		0
90	Game User-Oriented Multimedia Transmission Over Cognitive Radio Networks. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 198-208.	5.6	13

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91	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
92	Topology Control for Building a Large-Scale and Energy-Efficient Internet of Things. IEEE Wireless Communications, 2017, 24, 67-73.	6.6	60
93	Cognitive Radio-Based Smart Grid Traffic Scheduling With Binary Exponential Backoff. IEEE Internet of Things Journal, 2017, 4, 2038-2046.	5.5	14
94	Survey on Prediction Algorithms in Smart Homes. IEEE Internet of Things Journal, 2017, 4, 636-644.	5.5	93
95	Social Attribute Aware Incentive Mechanism for Device-to-Device Video Distribution. IEEE Transactions on Multimedia, 2017, 19, 1908-1920.	5.2	152
96	Guest Editorial Multimedia Communication in the Internet of Things. IEEE Internet of Things Journal, 2017, 4, 484-486.	5.5	7
97	Securing wireless communications of connected vehicles with artificial intelligence. , 2017, , .		41
98	Avoiding monopolization: mutual-aid collusive attack detection in cooperative spectrum sensing. Science China Information Sciences, 2017, 60, 1.	2.7	1
99	A new mining method to detect real time substance use events from wearable biosensor data stream. , 2017, 2017, 465-470.		20
100	A Wireless Health Monitoring System Using Mobile Phone Accessories. IEEE Internet of Things Journal, 2017, 4, 2009-2018.	5.5	96
101	IEEE Access Special Section Editorial: Emotion-Aware Mobile Computing. IEEE Access, 2017, 5, 12185-12188.	2.6	0
102	Group-Based Cooperation on Symmetric Key Generation for Wireless Body Area Networks. IEEE Internet of Things Journal, 2017, 4, 1955-1963.	5.5	25
103	Reliability Modeling of Mesh Storage Area Networks for Internet of Things. IEEE Internet of Things Journal, 2017, 4, 2047-2057.	5.5	43
104	Socially Aware Energy-Efficient Mobile Edge Collaboration for Video Distribution. IEEE Transactions on Multimedia, 2017, 19, 2197-2209.	5.2	92
105	Secure and efficient key generation and agreement methods for wireless body area networks. , 2017, , .		10
106	Evaluate clustering performance and computational efficiency for PSO based fuzzy clustering methods in processing big imbalanced data. , 2017, , .		5
107	Malicious-Behavior-Aware D2D Link Selection Mechanism. IEEE Access, 2017, 5, 15162-15173.	2.6	9
108	Editorial: Mobile Multimedia Communications. Mobile Networks and Applications, 2017, 22, 435-437.	2.2	0

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109	Interference Mitigation for Wireless Body Area Networks with Fast Convergent Game. , 2017, , .		4
110	Concurrent transmission based stackelberg game for D2D communications in mmWave networks. , 2017, , .		11
111	OpinionWalk: An efficient solution to massive trust assessment in online social networks. , 2017, , .		34
112	A Survey on Secure Wireless Body Area Networks. Security and Communication Networks, 2017, 2017, 1-9.	1.0	34
113	Participant reputation aware data collecting mechanism for mobile crowd sensing. , 2017, , .		4
114	Social influence aware sybil detection in social networks. , 2017, , .		1
115	Social D2D Communications Based on Fog Computing for IoT Applications. Lecture Notes in Computer Science, 2017, , 314-325.	1.0	2
116	Service Demand Discovery Mechanism for Mobile Social Networks. Sensors, 2016, 16, 1982.	2.1	3
117	Guest Editorial: Cloud-Based Video Processing and Content Sharing. IEEE Transactions on Multimedia, 2016, 18, 805-806.	5.2	0
118	A Novel Media Access Scheme in Cognitive Radio Ad Hoc Networks with Handshaking Mechanisms. , 2016, , .		0
119	Optimal Resource Allocation for Deeply Overlapped Self-Coexisting WBANs. , 2016, , .		3
120	A Real Time and Non-Contact Multiparameter Wearable Device for Health Monitoring. , 2016, , .		6
121	Transmission Mode Selection and Interference Mitigation for Social Aware D2D Communication. , 2016, , .		7
122	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
123	Reliability modeling of relay-assisted wireless body area networks. , 2016, , .		0
124	A Social Relation Aware Hybrid Service Discovery Mechanism for Intermittently Connected Wireless Network. Lecture Notes in Computer Science, 2016, , 452-463.	1.0	0
125	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
126	Cloud mobile media. China Communications, 2016, 13, iv-vi.	2.0	1

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127	Node Service Ability Aware Packet Forwarding Mechanism in Intermittently Connected Wireless Networks. IEEE Transactions on Wireless Communications, 2016, 15, 8169-8181.	6.1	24
128	Real time non-contact remote cardiac monitoring. , 2016, , .		3
129	Social overlapping community-aware neighbor discovery for D2D communications. IEEE Wireless Communications, 2016, 23, 28-34.	6.6	41
130	A key agreement method for wireless body area networks. , 2016, , .		3
131	Dynamic scheduling and analysis of real time systems with multiprocessors. Digital Communications and Networks, 2016, 2, 130-138.	2.7	10
132	An Energy-Efficient Data Forwarding Strategy for Heterogeneous WBANs. IEEE Access, 2016, 4, 7251-7261.	2.6	30
133	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
134	Performance analysis of multimedia data forwarding in random access network. , 2016, , .		0
135	Performance analysis for ad hoc cognitive radio networks using low complexity 2D Markov model. , 2016, , .		0
136	SIMPLEX: Symbol-Level Information Multiplex. IEEE Internet of Things Journal, 2016, 3, 757-766.	5.5	6
137	A New MI-Based Visualization Aided Validation Index for Mining Big Longitudinal Web Trial Data. IEEE Access, 2016, 4, 2272-2280.	2.6	19
138	ESammon: A computationally enhanced sammon mapping based on data density. , 2016, 2016, .		4
139	Security and networking for cyber-physical systems. Security and Communication Networks, 2016, 9, 807-807.	1.0	1
140	Dynamic Coding Control in Social Intermittent Connectivity Wireless Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 7634-7646.	3.9	35
141	IEEE 802.11 Traffic Measurement and Analysis. , 2016, , .		3
142	Wireless Health Systems. SpringerBriefs in Computer Science, 2016, , 9-26.	0.2	2
143	A Secure Distributed Algorithm for Network Lifetime Maximization and Video Distortion Minimization in Wireless Multimedia Sensor Networks. , 2016, , .		0
144	An inexpensive and ultra-low power sensor node for wireless health monitoring system. , 2015, , .		9

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145	Development of an inkjet printed green antenna and twisting effect for wireless body area network. , 2015, , .		5
146	Visualization aided engagement pattern validation for big longitudinal web behavior intervention data. , 2015, , .		6
147	Adaptive FEC coding and cooperative relayed wireless image transmission. Digital Communications and Networks, 2015, 1, 213-221.	2.7	12
148	Epidemic source tracing on social contact networks. , 2015, , .		5
149	Security-aware quality aware routing for wireless multimedia sensor networks using secret sharing. Security and Communication Networks, 2015, 8, 2798-2812.	1.0	1
150	Power Allocation in Wireless Network Virtualization with Buyer/Seller and Auction Game. , 2015, , .		12
151	Game User-Oriented Multimedia Transmission over Cognitive Radio Networks. , 2015, , .		2
152	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
153	Low-Complexity Segment Training Channel Estimation in Cloud Radio Access Networks. , 2015, , .		3
154	A novel initialization method for particle swarm optimization-based FCM in big biomedical data. , 2015, , .		6
155	Using probabilistic approach to joint clustering and statistical inference: Analytics for big investment data. , 2015, , .		1
156	Uncovering the mystery of trust in an online social network. , 2015, , .		3
157	Probabilistic competing failure analysis in body sensor networks. , 2015, , .		1
158	Design and Implementation of Real-time Sobel Edge Detection on FPGA for Mobile Device Applications. , 2015, , .		3
159	Combinatorial analysis of body sensor networks subject to probabilistic competing failures. Reliability Engineering and System Safety, 2015, 142, 388-398.	5.1	36
160	Emerging applications, services and engineering for [Guest Editorial]. , 2015, 53, 32-34.		1
161	Research advance in wireless networks and mobile computing. Telecommunication Systems, 2015, 60, 1-2.	1.6	9
162	Power control and localization of wireless body area networks using semidefinite programming. , 2015, , .		5

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163	Multimedia Traffic Placement under 5G radio access techniques in indoor environments. , 2015, , .		6
164	A hierarchical packet forwarding mechanism for energy harvesting wireless sensor networks. , 2015, 53, 92-98.		100
165	Toward trustworthy vehicular social networks. , 2015, 53, 42-47.		82
166	A survey of big data research. IEEE Network, 2015, 29, 6-9.	4.9	87
167	Quality-of-protection-driven data forwarding for intermittently connected wireless networks. IEEE Wireless Communications, 2015, 22, 66-73.	6.6	27
168	Emerging applications, services, and engineering for cellular cognitive systems: part II [Guest Editorial]. , 2015, 53, 66-68.		2
169	Modeling Epidemics Spreading on Social Contact Networks. IEEE Transactions on Emerging Topics in Computing, 2015, 3, 410-419.	3.2	60
170	Cooperative Stepwise Relaying and Combining for Multihop Vehicular Wireless Communication. IEEE Transactions on Vehicular Technology, 2015, 64, 2663-2671.	3.9	12
171	Cluster-Based Epidemic Control through Smartphone-Based Body Area Networks. IEEE Transactions on Parallel and Distributed Systems, 2015, 26, 681-690.	4.0	26
172	Textile-Based Body Sensor Networks and Biomedical Computing for Healthcare Applications. , 2015, , 985-1004.		1
173	Performance Analysis of Wearable UWB Logo Antenna for Healthcare Monitoring. , 2015, , .		3
174	Distributed MapReduce engine with fault tolerance. , 2014, , .		2
175	Cross-layer design for optimal throughput of wireless networks. , 2014, , .		0
176	Automatic objects removal for scene completion. , 2014, , .		13
177	Visible light communications for 5G wireless networking systems: from fixed to mobile communications. IEEE Network, 2014, 28, 41-45.	4.9	292
178	Socialized WBANs in mobile sensing environments. IEEE Network, 2014, 28, 91-95.	4.9	6
179	Assessment of multi-hop interpersonal trust in social networks by Three-Valued Subjective Logic. , 2014, , .		58
180	Stackelberg Game for Bandwidth Allocation in Cloud-Based Wireless Live-Streaming Social Networks. IEEE Systems Journal, 2014, 8, 256-267.	2.9	67

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181	Security protection between users and the mobile media cloud. , 2014, 52, 73-79.		63
182	Performance Analysis of Distributed Access Multihop Poisson Networks. IEEE Transactions on Vehicular Technology, 2014, 63, 849-858.	3.9	8
183	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
184	Guest Editorial: Emerging Wireless Body Area Networks (WBANs) for Ubiquitous Healthcare. IEEE Journal of Biomedical and Health Informatics, 2014, 18, 403-403.	3.9	0
185	Sentiment Analysis on Reviews of Mobile Users. Procedia Computer Science, 2014, 34, 458-465.	1.2	29
186	Distributed resource allocation in cloud-based wireless multimedia social networks. IEEE Network, 2014, 28, 74-80.	4.9	35
187	Performance Analysis of Media Cloud-Based Multimedia Systems With Retrying Fault-Tolerance Technique. IEEE Systems Journal, 2014, 8, 313-321.	2.9	12
188	Game User-Oriented Multimedia Transmission over Cognitive Radio Networks. , 2014, , .		0
189	Power Allocation in Wireless Network Virtualization with Buyer/Seller and Auction Game. , 2014, , .		1
190	Textile-Based Body Sensor Networks and Biomedical Computing for Healthcare Applications. , 2014, , 1-16.		0
191	Channel allocation and reallocation for cognitive radio networks. Wireless Communications and Mobile Computing, 2013, 13, 1073-1081.	0.8	12
192	Quality-driven secure audio transmissions in wireless multimedia sensor networks. Multimedia Tools and Applications, 2013, 67, 119-135.	2.6	6
193	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
194	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
195	Multimedia communications over cognitive radio networks for smart grid applications. IEEE Wireless Communications, 2013, 20, 125-132.	6.6	63
196	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
197	Effective epidemic control and source tracing through mobile social sensing over WBANs. , 2013, , .		20
198	Communication-resource-aware adaptive watermarking for multimedia authentication in wireless multimedia sensor networks. Journal of Supercomputing, 2013, 64, 883-897.	2.4	20

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199	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
200	A Network and Device Aware QoS Approach for Cloud-Based Mobile Streaming. IEEE Transactions on Multimedia, 2013, 15, 747-757.	5.2	63
201	The virtue of sharing: Efficient content delivery in Wireless Body Area Networks for ubiquitous healthcare. , 2013, , .		7
202	Reliability of scale-free complex networks. , 2013, , .		2
203	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
204	A secure and robust self-encoded spread spectrum multiple-access approach for multimedia communication system. , 2013, , .		1
205	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
206	Analytical Modeling of Medium-Access Delay for Cooperative Wireless Networks Over Rayleigh Fading Channels. IEEE Transactions on Vehicular Technology, 2013, 62, 349-359.	3.9	14
207	Guest Editorial - Special Issue on Internet of Things (IoT): Architecture, Protocols and Services. IEEE Sensors Journal, 2013, 13, 3505-3510.	2.4	71
208	A joint resource allocation-channel coding design based on distributed source coding. Wireless Communications and Mobile Computing, 2013, , n/a-n/a.	0.8	0
209	Channel Information based Cryptography and Authentication in Wireless Body Area Networks. , 2013, , .		8
210	Pattern Recognition of Big Nutritional Data in RCT. , 2013, , .		0
211	BDD-based two-party trust sensitivity analysis for social networks. International Journal of Security and Networks, 2012, 7, 242.	0.1	7
212	Secure wireless communication system for smart grid with rechargeable electric vehicles. , 2012, 50, 62-68.		94
213	ECC-Cryptography and Authentication in Body Area Networks. IEEE Transactions on Information Technology in Biomedicine, 2012, 16, 1070-1078.	3.6	200
214	Depth-color based 3D image transmission over wireless networks with QoE provisions. Computer Communications, 2012, 35, 1838-1845.	3.1	3
215	Alamouti based cooperative wireless networks for multiplexing-diversity balanced multimedia transmission. , 2012, , .		1
216	Processing time analysis of cloud services with retrying fault-tolerance technique. , 2012, , .		7

#	ARTICLE	IF	CITATIONS
217	Epidemic Control Based on Fused Body Sensed and Social Network Information. , 2012, , .		8
218	Smart grid communications in challenging environments. , 2012, , .		11
219	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
220	Two-Party Trust Sensitivity Analysis for Social Networks. , 2012, , .		0
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