

Hsiao-Hwa Chen

List of Publications by Year in descending order

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269
papers

8,372
citations

66343

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62596

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271
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271
docs citations

271
times ranked

7144
citing authors

#	ARTICLE	IF	CITATIONS
1	Civil Aircrafts Augmented Space-Air-Ground-Integrated Vehicular Networks: Motivation, Breakthrough, and Challenges. IEEE Internet of Things Journal, 2022, 9, 5670-5683.	8.7	13
2	Complementary Coded CDMA With Multi-Layer Quadrature Modulation. IEEE Transactions on Vehicular Technology, 2022, 71, 2991-3007.	6.3	2
3	Uplink Channel Estimation With Reduced Fronthaul Overhead in Cell-Free Massive MIMO Systems. IEEE Wireless Communications Letters, 2022, 11, 1718-1722.	5.0	2
4	Robust Task Scheduling for Delay-Aware IoT Applications in Civil Aircraft-Augmented SAGIN. IEEE Transactions on Communications, 2022, 70, 5368-5385.	7.8	11
5	A Fully Automated Intelligent Medicine Dispensary System Based on AIoT. IEEE Internet of Things Journal, 2022, 9, 23954-23966.	8.7	2
6	A Load-Balanced Re-Embedding Scheme for Wireless Network Virtualization. IEEE Transactions on Vehicular Technology, 2021, 70, 3761-3772.	6.3	16
7	Physical Layer Security Assisted Computation Offloading in Intelligently Connected Vehicle Networks. IEEE Transactions on Wireless Communications, 2021, 20, 3555-3570.	9.2	28
8	Reinforcement Learning-Based Energy-Efficient Data Access for Airborne Users in Civil Aircrafts-Enabled SAGIN. IEEE Transactions on Green Communications and Networking, 2021, 5, 934-949.	5.5	16
9	Network Densification and Path-Loss Models Versus UDN Performance—A Unified Approach. IEEE Transactions on Wireless Communications, 2021, 20, 4058-4071.	9.2	10
10	SCMA Codebook Design Based on Uniquely Decomposable Constellation Groups. IEEE Transactions on Wireless Communications, 2021, 20, 4828-4842.	9.2	21
11	Artificial Noise Assisted Secure Mobile Crowd Computing in Intelligently Connected Vehicular Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 7637-7651.	6.3	8
12	Generalized Complementary Coded Scrambling Multiple Access for MIMO Communications. IEEE Transactions on Vehicular Technology, 2021, 70, 13047-13061.	6.3	5
13	Artificial Noisy MIMO Systems Under Correlated Scattering Rayleigh Fading—A Physical Layer Security Approach. IEEE Systems Journal, 2020, 14, 2121-2132.	4.6	14
14	Complementary Coded CDMA Systems With CP-Free OFDM. IEEE Transactions on Vehicular Technology, 2020, 69, 11515-11528.	6.3	4
15	How Much Can Radio Resource Allocation Help to Improve Secrecy Capacity of V2V Underlay Cellular Networks?. IEEE Transactions on Vehicular Technology, 2020, 69, 14932-14944.	6.3	5
16	Secrecy Rate Maximization via Radio Resource Allocation in Cellular Underlying V2V Communications. IEEE Transactions on Vehicular Technology, 2020, 69, 7281-7294.	6.3	22
17	Covert Communications in D2D Underlying Cellular Networks With Power Domain NOMA. IEEE Systems Journal, 2020, 14, 3717-3728.	4.6	36
18	Intelligent Radio: When Artificial Intelligence Meets the Radio Network. IEEE Wireless Communications, 2020, 27, 6-8.	9.0	1

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19	Location Based Joint Spectrum Sensing and Radio Resource Allocation in Cognitive Radio Enabled LTE-U Systems. IEEE Transactions on Vehicular Technology, 2020, 69, 2967-2979.	6.3	10
20	Performance Analysis of Joint Transmission Schemes in Ultra-Dense Networks – A Unified Approach. IEEE/ACM Transactions on Networking, 2020, 28, 154-167.	3.8	7
21	Covert Communications in D2D Underlying Cellular Networks With Antenna Array Assisted Artificial Noise Transmission. IEEE Transactions on Vehicular Technology, 2020, 69, 2980-2992.	6.3	40
22	Identical Code Cyclic Shift Multiple Access – A Bridge Between CDMA and NOMA. IEEE Transactions on Vehicular Technology, 2020, 69, 2878-2890.	6.3	7
23	Physical Layer Security in Intelligently Connected Vehicle Networks. IEEE Network, 2020, 34, 232-239.	6.9	19
24	Successive Multipath Interference Cancellation for CP-Free OFDM Systems. IEEE Systems Journal, 2019, 13, 1125-1134.	4.6	13
25	A Rear-End Collision Risk Evaluation and Control Scheme Using a Bayesian Network Model. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 264-284.	8.0	52
26	User-Centric Quality-of-Experience Optimization and Scheduling of Multicolor LEDs in VLC Systems. IEEE Systems Journal, 2019, 13, 2275-2284.	4.6	9
27	A Unified Multiuser Coding Framework for Multiple-Access Technologies. IEEE Systems Journal, 2019, 13, 3781-3792.	4.6	7
28	Joint Resource Allocation and Secrecy Capacity optimization in V2V Communications : (Invited Paper). , 2019, , .		2
29	Energy Harvesting Enabled NOMA Systems With Full-Duplex Relaying. IEEE Transactions on Vehicular Technology, 2019, 68, 7179-7183.	6.3	54
30	Capacity Maximization Based on Optimal Mode Selection in Multi-Mode and Multi-Pair D2D Communications. IEEE Transactions on Vehicular Technology, 2019, 68, 6524-6534.	6.3	26
31	Non-Uniform Deployment of Power Beacons in Wireless Powered Communication Networks. IEEE Transactions on Wireless Communications, 2019, 18, 1887-1899.	9.2	10
32	Downlink Coordinated Multi-Point Transmission in Ultra-Dense Networks with Mobile Edge Computing. IEEE Network, 2019, 33, 152-159.	6.9	17
33	On Sum-Rate Maximization in CR-Assisted Heterogeneous LTE-LAA Networks. , 2019, , .		0
34	Wireless Energy Transfer Enabled D2D in Underlying Cellular Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 1845-1849.	6.3	35
35	Complementary Coded Scrambling Multiple Access and Its Performance in Downlink MIMO Channels. IEEE Transactions on Wireless Communications, 2018, 17, 835-847.	9.2	7
36	Joint User Pairing and Power Allocation in Virtual MIMO Systems. IEEE Transactions on Wireless Communications, 2018, 17, 3697-3708.	9.2	12

#	ARTICLE	IF	CITATIONS
37	Radio Resource Management in Machine-to-Machine Communications—A Survey. IEEE Communications Surveys and Tutorials, 2018, 20, 791-828.	39.4	114
38	Energy-Efficiency Versus Delay Tradeoff in Wireless Networks Virtualization. IEEE Transactions on Vehicular Technology, 2018, 67, 837-841.	6.3	29
39	Sliced Spectrum Sensing—A Channel Condition Aware Sensing Technique for Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 10815-10829.	6.3	11
40	Design and Optimization of Scheduling and Non-Orthogonal Multiple Access Algorithms With Imperfect Channel State Information. IEEE Transactions on Vehicular Technology, 2018, 67, 10800-10814.	6.3	16
41	Time Domain Precoding for OFDM/OFDMA Systems Without Cyclic Prefix. IEEE Transactions on Vehicular Technology, 2018, 67, 5510-5514.	6.3	9
42	Self-Interference-Cancellation-Based SLNR Precoding Design for Full-Duplex Relay-Assisted System. IEEE Transactions on Vehicular Technology, 2018, 67, 8249-8262.	6.3	41
43	Symbol Cyclic Shift Equalization PAM-OFDM—A Low Complexity CP-Free OFDM Scheme. IEEE Transactions on Vehicular Technology, 2017, 66, 5933-5946.	6.3	18
44	Machine-to-Machine Communications in Ultra-Dense Networks—A Survey. IEEE Communications Surveys and Tutorials, 2017, 19, 1478-1503.	39.4	106
45	On Relay Selection Schemes for Relay-Assisted D2D Communications in LTE-A Systems. IEEE Transactions on Vehicular Technology, 2017, 66, 8303-8314.	6.3	74
46	A Survey on Multiple-Antenna Techniques for Physical Layer Security. IEEE Communications Surveys and Tutorials, 2017, 19, 1027-1053.	39.4	343
47	Uplink Scheduling and Power Allocation for M2M Communications in SC-FDMA-Based LTE-A Networks With QoS Guarantees. IEEE Transactions on Vehicular Technology, 2017, 66, 6160-6170.	6.3	58
48	Adaptive Signal Detection for Statistical Signal Transmission in Fast Time-Varying Channels. IEEE Transactions on Vehicular Technology, 2017, 66, 11070-11085.	6.3	1
49	Profit maximization in wireless powered communications with improved non-linear energy conversion and storage efficiencies. , 2017, , .		20
50	Performance Analysis of Downlink Coordinated Multipoint Joint Transmission in Ultra-Dense Networks. IEEE Network, 2017, 31, 106-114.	6.9	35
51	Secrecy Capacity Analysis of Artificial Noisy MIMO Channels—An Approach Based on Ordered Eigenvalues of Wishart Matrices. IEEE Transactions on Information Forensics and Security, 2017, 12, 617-630.	6.9	37
52	Physical Layer Security for Next Generation Wireless Networks: Theories, Technologies, and Challenges. IEEE Communications Surveys and Tutorials, 2017, 19, 347-376.	39.4	489
53	Standardization and Security for Smart Grid Communications Based on Cognitive Radio Technologies—A Comprehensive Survey. IEEE Communications Surveys and Tutorials, 2017, 19, 423-445.	39.4	43
54	Channel Condition Aware Detection in Statistical Signal Transmission. IEEE Transactions on Wireless Communications, 2017, 16, 7221-7234.	9.2	4

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55	Probabilistic Network Coding Based on Buyer/Seller Games for Retransmissions in Wireless Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 10406-10418.	6.3	0
56	Channel modeling for visible light communications—a survey. Wireless Communications and Mobile Computing, 2016, 16, 2016-2034.	1.2	106
57	Information sharing in cooperative networks: A generic trustworthy issue. , 2016, , .		0
58	Wireless Backhaul Capacity of 5G Ultra-Dense Cellular Networks. , 2016, , .		14
59	Symbol Cyclic Shift Equalization Algorithm — A CP-free OFDM/OFDMA System Design. IEEE Transactions on Vehicular Technology, 2016, , 1-1.	6.3	23
60	Coexistence of Smart Utility Networks and WLANs in Smart Grid Systems. IEEE Transactions on Wireless Communications, 2016, 15, 8313-8324.	9.2	12
61	Coverage analysis of heterogeneous cellular networks in urban areas. , 2016, , .		4
62	Double Side Signal Splitting SWIPT for Downlink CoMP Transmissions With Capacity Limited Backhaul. IEEE Communications Letters, 2016, 20, 2438-2441.	4.1	5
63	Channel discovery algorithms for interference avoidance in smart grid communication networks: a survey. Wireless Communications and Mobile Computing, 2016, 16, 427-440.	1.2	7
64	Interference-Limited Resource Optimization in Cognitive Femtocells With Fairness and Imperfect Spectrum Sensing. IEEE Transactions on Vehicular Technology, 2016, 65, 1761-1771.	6.3	249
65	Low-Complexity Energy Detection for Spectrum Sensing With Random Arrivals of Primary Users. IEEE Transactions on Vehicular Technology, 2016, 65, 947-952.	6.3	27
66	A Segmented Packet Collision Model for Smart Utility Networks Under WLAN Interferences. IEEE Transactions on Wireless Communications, 2016, 15, 3506-3517.	9.2	9
67	Microblog Dimensionality Reduction—A Deep Learning Approach. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 1779-1789.	5.7	21
68	Software Defined Wireless Networks: Part 2 [Guest Editorial]. , 2016, 54, 10-11.		0
69	Optimal Antenna Deployment for Multiuser MIMO Systems Based on Random Matrix Theory. IEEE Transactions on Vehicular Technology, 2016, 65, 8155-8162.	6.3	4
70	Joint Pre-Equalization and Adaptive Combining for CC-CDMA Systems Over Asynchronous Frequency-Selective Fading Channels. IEEE Transactions on Vehicular Technology, 2016, 65, 5175-5184.	6.3	10
71	Arithmetic-BICM for Seamless Rate Adaptation for Wireless Communication Systems. IEEE Systems Journal, 2016, 10, 228-239.	4.6	18
72	Wireless Resource Scheduling Based on Backoff for Multiuser Multiservice Mobile Cloud Computing. IEEE Transactions on Vehicular Technology, 2016, 65, 9247-9259.	6.3	19

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73	Physical-Layer Network Coding Systems With MFSK Modulation. IEEE Transactions on Vehicular Technology, 2016, 65, 204-213.	6.3	22
74	An Event-Based Unified System Model to Characterize and Evaluate Timing Covert Channels. IEEE Systems Journal, 2016, 10, 271-280.	4.6	10
75	Maintaining a zero open call backlog [Message From The Editor-In-Chief]. IEEE Wireless Communications, 2015, 22, 2-4.	9.0	1
76	On performance of I/Q column-wise complementary coded CDMA communication systems. , 2015, , .		0
77	Multiuser-Interference-Free Space-Time Spreading MIMO Systems Based on Three-Dimensional Complementary Codes. IEEE Systems Journal, 2015, 9, 45-57.	4.6	17
78	Fractional-Delay-Resilient Receiver Design for Interference-Free MC-CDMA Communications Based on Complete Complementary Codes. IEEE Transactions on Wireless Communications, 2015, 14, 1226-1236.	9.2	55
79	Millimeter-wave communications for 5G - Part 2: applications [Guest Editorial]. , 2015, 53, 166-167.		50
80	Feature topic: Visible light communications [Message from the Editor-in-Chief]. IEEE Wireless Communications, 2015, 22, 2-3.	9.0	0
81	I/Q Column-Wise Complementary Codes for Interference-Resistant CDMA Communication Systems. IEEE Systems Journal, 2015, 9, 4-12.	4.6	4
82	Passing the baton [Message From The Editor-In-Chief]. IEEE Wireless Communications, 2015, 22, 2-5.	9.0	0
83	A random channel access scheme for massive machine devices in LTE cellular networks. , 2015, , .		13
84	Intelligent Cooperative Spectrum Sensing via Hierarchical Dirichlet Process in Cognitive Radio Networks. IEEE Journal on Selected Areas in Communications, 2015, 33, 771-787.	14.0	64
85	A Survey on Complementary-Coded MIMO CDMA Wireless Communications. IEEE Communications Surveys and Tutorials, 2015, 17, 52-69.	39.4	44
86	M2M Communications in 3GPP LTE/LTE-A Networks: Architectures, Service Requirements, Challenges, and Applications. IEEE Communications Surveys and Tutorials, 2015, 17, 525-549.	39.4	293
87	Message Authentication Using Proxy Vehicles in Vehicular Ad Hoc Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 3697-3710.	6.3	139
88	A Framework to Construct 3-Dimensional Complementary Codes for Multi-User MIMO Systems. IEEE Transactions on Vehicular Technology, 2014, , 1-1.	6.3	5
89	Impact factor and open call articles [Message From The Editor-In-Chief]. IEEE Wireless Communications, 2014, 21, 2-4.	9.0	0
90	Intrusion Detection in Cyber-Physical Systems: Techniques and Challenges. IEEE Systems Journal, 2014, 8, 1052-1062.	4.6	122

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91	Cross layer handoff mechanism based on mSCTP in wireless networks. , 2014, , .		1
92	Utility-based probabilistic call admission control for complete fairness in wireless networks. International Journal of Communication Systems, 2014, 27, 521-528.	2.5	4
93	Mixed AF and DF cooperative relay systems and their performance bounds analyses. Wireless Communications and Mobile Computing, 2014, 14, 1204-1218.	1.2	5
94	Uncoordinated coexisting IEEE 802.15.4 networks for machine to machine communications. Peer-to-Peer Networking and Applications, 2014, 7, 274-284.	3.9	6
95	Security in wireless multimedia communications [Guest Editorial]. , 2014, 52, 56-57.		1
96	Cooperative Communications for Cognitive Radio Networks " From Theory to Applications. IEEE Communications Surveys and Tutorials, 2014, 16, 1180-1192.	39.4	120
97	An Energy-Aware Trust Derivation Scheme With Game Theoretic Approach in Wireless Sensor Networks for IoT Applications. IEEE Internet of Things Journal, 2014, 1, 58-69.	8.7	145
98	Mobile social networks [Message from the Editor-in-Chief]. IEEE Wireless Communications, 2014, 21, 2-3.	9.0	0
99	Scrambling Code Planning in TD-SCDMA Cellular Systems. IEEE Transactions on Vehicular Technology, 2014, 63, 484-489.	6.3	1
100	Iterative Synchronization-Assisted Detection of OFDM Signals in Cognitive Radio Systems. IEEE Transactions on Vehicular Technology, 2014, 63, 1633-1644.	6.3	16
101	Improving spectral efficiency of 4G and beyond [Messge From The Editor-In-Chief]. IEEE Wireless Communications, 2014, 21, 2-3.	9.0	0
102	Physical Layer Security in Multi-Cell MISO Downlinks With Incomplete CSI " A Unified Secrecy Performance Analysis. IEEE Transactions on Signal Processing, 2014, 62, 6286-6297.	5.3	32
103	A Complete Complementary Coded MIMO System and Its Performance in Multipath Channels. IEEE Wireless Communications Letters, 2014, 3, 181-184.	5.0	15
104	Millimeter-wave communications for 5G: fundamentals: Part I [Guest Editorial]. , 2014, 52, 52-54.		120
105	Quasi-Quadrature Modulation Method for Power-Efficient Video Transmission Over LTE Networks. IEEE Transactions on Vehicular Technology, 2014, 63, 2083-2092.	6.3	16
106	Scalable Hypergrid k-NN-Based Online Anomaly Detection in Wireless Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 1661-1670.	5.6	104
107	Self-configuration and self-optimization in LTE-advanced heterogeneous networks. , 2013, 51, 36-45.		170
108	Cyber security for smart grid communications: Part II [Guest Editorial]. , 2013, 51, 16-17.		5

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109	An auto-scaling mechanism for virtual resources to support mobile, pervasive, real-time healthcare applications in cloud computing. IEEE Network, 2013, 27, 62-68.	6.9	29
110	Design of ultra-wideband pulses based on spectrum shifted Gaussian waveforms. IET Communications, 2013, 7, 512-520.	2.2	17
111	Blind Cooperative Communications for Multihop Ad Hoc Wireless Networks. IEEE Transactions on Vehicular Technology, 2013, 62, 3110-3122.	6.3	84
112	Statistical Model of OFDMA Cellular Networks Uplink Interference Using Lognormal Distribution. IEEE Wireless Communications Letters, 2013, 2, 575-578.	5.0	15
113	Modeling Latency and Reliability of Hybrid Technology Networking. IEEE Sensors Journal, 2013, 13, 3616-3624.	4.7	13
114	Interference-Aware Resource Control in Multi-Antenna Cognitive Ad Hoc Networks with Heterogeneous Delay Constraints. IEEE Communications Letters, 2013, 17, 1184-1187.	4.1	8
115	Smart Grid Communication: Its Challenges and Opportunities. IEEE Transactions on Smart Grid, 2013, 4, 36-46.	9.0	417
116	Intracluster Device-to-Device Relay Algorithm With Optimal Resource Utilization. IEEE Transactions on Vehicular Technology, 2013, 62, 2315-2326.	6.3	220
117	Multi-User Interference Cancellation in Complementary Coded CDMA with Diversity Gain. IEEE Wireless Communications Letters, 2013, 2, 303-306.	5.0	28
118	Low-Complexity Coordinated Beamforming for Downlink Multicell SDMA/OFDM Systems. IEEE Transactions on Vehicular Technology, 2013, 62, 247-255.	6.3	27
119	Recent issues in wireless sensor networks. International Journal of Communication Systems, 2013, 26, 1089-1091.	2.5	7
120	Coverage overlapping problems in applications of IEEE 802.15.4 wireless sensor networks. , 2013, , .		3
121	Uplink pre-equalization for CC-CDMA systems under frequency selective fading. , 2013, , .		8
122	Trust, Security, and Privacy in Next-Generation Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2013, 9, 956736.	2.2	13
123	Delay Constrained Admission Control and Scheduling Policy for IEEE 802.11e HCCA Method. , 2013, , 589-606.		0
124	Nano-communications: a new frontier of wireless communication research [Message from the Editor-in-Chief]. IEEE Wireless Communications, 2012, 19, 2-2.	9.0	0
125	Performance Analysis of Threshold Relaying with Random Channel Access over Non-Identically Distributed Rayleigh-Fading Channels. IEEE Journal on Selected Areas in Communications, 2012, 30, 1703-1710.	14.0	7
126	Cyber security for smart grid communications: Part I. , 2012, 50, 16-17.		11

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127	Signal Representation: Wireless Applications in a Statistical Spectrum Domain. IEEE Vehicular Technology Magazine, 2012, 7, 88-94.	3.4	8
128	Coexistence of smart utility networks and WLAN/ZigBee in smart grid. , 2012, , .		5
129	A General Relaying Transmission Protocol for MIMO Secrecy Communications. IEEE Transactions on Communications, 2012, 60, 3461-3471.	7.8	66
130	Optimal Pipeline Paging Load Balancing for Hierarchical Cellular Networks. IEEE Transactions on Mobile Computing, 2012, 11, 1532-1544.	5.8	2
131	Resource allocation for wireless cooperative networks: a unified cooperative bargaining game theoretic framework. IEEE Wireless Communications, 2012, 19, 38-43.	9.0	21
132	A reliable overlay video transport protocol for multicast agents in wireless mesh networks. International Journal of Communication Systems, 2012, 25, 553-570.	2.5	13
133	Performance analysis of ONOE protocolâ€™an IEEE 802.11 link adaptation algorithm. International Journal of Communication Systems, 2012, 25, 821-831.	2.5	5
134	Code-Hopping Multiple Access Based on Orthogonal Complementary Codes. IEEE Transactions on Vehicular Technology, 2012, 61, 1074-1083.	6.3	15
135	EM-Based Adaptive Frequency Domain Estimation of Doppler Shifts with CRLB Analysis for CDMA Systems. IEEE Transactions on Communications, 2012, 60, 198-208.	7.8	9
136	Wireless Machine-to-Machine Networks. International Journal of Distributed Sensor Networks, 2012, 8, 535927.	2.2	0
137	Performance of Dual-Polarized MIMO for TD-HSPA Evolution Systems. IEEE Systems Journal, 2011, 5, 406-416.	4.6	13
138	Secure Stochastic ECG Signals Based on Gaussian Mixture Model for \$e\$-Healthcare Systems. IEEE Systems Journal, 2011, 5, 564-573.	4.6	42
139	Correlation and Set Size Bounds of Complementary Sequences with Low Correlation Zone. IEEE Transactions on Communications, 2011, 59, 3285-3289.	7.8	54
140	Advances in Wireless Communications and Networks. Mobile Networks and Applications, 2011, 16, 529-530.	3.3	1
141	QoS-aware Two-level Dynamic Uplink Bandwidth Allocation Algorithms in IEEE 802.16j Based Vehicular Networks. Wireless Personal Communications, 2011, 56, 417-433.	2.7	5
142	Spectrum sensing scheduling for group spectrum sharing in cognitive radio networks. International Journal of Communication Systems, 2011, 24, 62-74.	2.5	30
143	Measuring the quality of DG CAC per class degradation algorithm. , 2011, , .		0
144	Performance Bounds of Multi-Relay Decode-and-Forward Cooperative Networks over Nakagami-m Fading Channels. , 2011, , .		7

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145	SenseKey – Simplifying the Selection of Key Management Schemes for Sensor Networks. , 2011, , .		6
146	Heterogeneous cooperative relay selection with maximalâ€ratio combining for multiâ€radio access networks. International Journal of Communication Systems, 2010, 23, 732-750.	2.5	11
147	Secure Image Transmissions in Wireless Multimedia Sensor Networks. , 2010, , 675-687.		0
148	Multiuser Pairing-up Schemes under Power Constraints for Uplink Virtual MIMO Networks. Mobile Networks and Applications, 2010, 15, 298-309.	3.3	10
149	Channel Modeling and Inter-Carrier Interference Analysis for V2V Communication Systems in Frequency-Dispersive Channels. Mobile Networks and Applications, 2010, 15, 4-12.	3.3	26
150	QoS-Aware Service Selection Algorithms for Pervasive Service Composition in Mobile Wireless Environments. Mobile Networks and Applications, 2010, 15, 488-501.	3.3	27
151	On Array-Processing-Based Quasi-Orthogonal Spaceâ€Time Block-Coded OFDM Systems. IEEE Transactions on Vehicular Technology, 2010, 59, 508-513.	6.3	9
152	On Stability Regions in Opportunistic Scheduled-Packet Access Networks. IEEE Transactions on Vehicular Technology, 2010, 59, 295-306.	6.3	3
153	Feedback-Based Clock Synchronization in Wireless Sensor Networks: A Control Theoretic Approach. IEEE Transactions on Vehicular Technology, 2010, 59, 2963-2973.	6.3	74
154	Cooperative Network Coding With MIMO Transmission in Wireless Decode-and-Forward Relay Networks. IEEE Transactions on Vehicular Technology, 2010, 59, 3577-3588.	6.3	57
155	McWiLLâ€”A New Mobile Broadband Access Technology for Supporting Both Voice and Packet Services. IEEE Systems Journal, 2010, 4, 495-504.	4.6	3
156	Integrated Dynamic Bandwidth Allocation in Converged Passive Optical Networks and IEEE 802.16 Networks. IEEE Systems Journal, 2010, 4, 467-476.	4.6	30
157	Special issue on “Quality of service and security in wireless and mobile networks”. Wireless Communications and Mobile Computing, 2010, 10, n/a-n/a.	1.2	0
158	Slow Start Backoff Algorithm for Ad-Hoc Wireless Networks. , 2010, , .		5
159	Improving Channel Utilization by Exploiting Partially Overlapping Channels in Wireless Ad Hoc Networks. , 2010, , .		5
160	Stochastic Optimization for Joint Resource Allocation in OFDMA-Based Relay System. , 2010, , .		0
161	On Unified Intra/Inter Coding and Signature/Hash Authentication Diversity for Efficient and Secure Wireless Video Transmission. , 2010, , .		1
162	Quality-aware bandwidth allocation for scalable on-demand streaming in wireless networks. IEEE Journal on Selected Areas in Communications, 2010, 28, 366-376.	14.0	23

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163	Adaptive congestion control for DSRC vehicle networks. IEEE Communications Letters, 2010, 14, 127-129.	4.1	72
164	Energy-Efficient Coverage Based on Probabilistic Sensing Model in Wireless Sensor Networks. IEEE Communications Letters, 2010, 14, 833-835.	4.1	68
165	Delay Constrained Admission Control and Scheduling Policy for IEEE 802.11e HCCA Method. , 2010, , 53-70.		0
166	Energy Efficient Approach to Dynamic Clustering in Sensor Networks Using Genetic Algorithm. , 2010, , 619-654.		1
167	Matching Stream Authentication and Resource Allocation to Multimedia Codec Dependency with Position-Value Partitioning in Wireless Multimedia Sensor Networks. , 2009, , .		4
168	Improvement of Capacity and Energy Saving of VoIP over IEEE 802.11 WLANs by a Dynamic Sleep Strategy. , 2009, , .		3
169	Quality-of-Service in Cognitive Radio Networks with Collaborative Sensing. , 2009, , .		6
170	Stream-based cipher feedback mode in wireless error channel. IEEE Transactions on Wireless Communications, 2009, 8, 622-626.	9.2	64
171	Call admission control scheme for multiclass services under rain fading for satellite networks. IEEE Transactions on Wireless Communications, 2009, 8, 2473-2483.	9.2	14
172	Probabilistic Relay Selection for Fast Selection Cooperation in Half-Duplex Wireless Networks. , 2009, , .		1
173	Distributed Resource Allocation for Delay-Sensitive Services in Satellite Networks Using Game Theory. IEEE Transactions on Games, 2009, 1, 134-144.	1.4	11
174	Secondary spectrum access networks. IEEE Vehicular Technology Magazine, 2009, 4, 36-43.	3.4	54
175	Power-Fixed and Power-Aware MAC Protocols for Multihop Wireless Networks With a Large Interference Area. IEEE Transactions on Vehicular Technology, 2009, 58, 2966-2976.	6.3	6
176	On Efficient Network Planning and Routing in Large-Scale MANETs. IEEE Transactions on Vehicular Technology, 2009, 58, 3796-3801.	6.3	18
177	Adaptive Space-Time Diversity Slotted ALOHA Over $2 \times m$ MIMO Multiaccess Channels. IEEE Transactions on Vehicular Technology, 2009, 58, 3271-3282.	6.3	4
178	On Power-Loading Algorithms for Packet-Access OFDM Systems. IEEE Transactions on Vehicular Technology, 2009, 58, 5324-5330.	6.3	4
179	Complexity reduction of signal detection by exploiting correlation characteristics of spreading sequences. International Journal of Communication Systems, 2009, 22, 1427-1443.	2.5	0
180	Performance Study of a Mobile Multi-hop 802.11a/b Railway Network Using Passive Measurement. Mobile Networks and Applications, 2009, 14, 782-797.	3.3	5

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181	DESCVA€”A Secure Wireless Communication Scheme for Vehicle ad hoc Networking. Mobile Networks and Applications, 2009, 14, 611-624.	3.3	13
182	MONET Special Issue on Advances in Mobile Multihop and Ubiquitous Wireless Networking. Mobile Networks and Applications, 2009, 14, 553-555.	3.3	0
183	Cross-layer Scheduling Algorithms for IEEE 802.16 Based Wireless Mesh Networks. Wireless Personal Communications, 2009, 51, 615-634.	2.7	5
184	Cross-layer bandwidth and power allocation for a two-hop link in wireless mesh network. Wireless Communications and Mobile Computing, 2009, 9, 155-167.	1.2	1
185	Homonymous role in roleâ€based discretionary access control. Wireless Communications and Mobile Computing, 2009, 9, 1287-1300.	1.2	1
186	Cross-layer multirate interaction with Distributed Source Coding in Wireless Sensor Networks. IEEE Transactions on Wireless Communications, 2009, 8, 787-795.	9.2	38
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