Peter Chong

List of Publications by Year in descending order

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210 papers	4,250 citations	136740 32 h-index	133063 59 g-index
218 all docs	218 docs citations	218 times ranked	4666 citing authors

#	Article	IF	Citations
1	A survey of clustering schemes for mobile ad hoc networks. IEEE Communications Surveys and Tutorials, 2005, 7, 32-48.	24.8	687
2	Precise Twoâ€Photon Photodynamic Therapy using an Efficient Photosensitizer with Aggregationâ€Induced Emission Characteristics. Advanced Materials, 2017, 29, 1701076.	11.1	258
3	Broadband Wideâ€Angle Multifunctional Polarization Converter via Liquidâ€Metalâ€Based Metasurface. Advanced Optical Materials, 2017, 5, 1600938.	3.6	172
4	Visible Light Communication: A System Perspectiveâ€”Overview and Challenges. Sensors, 2019, 19, 1153.	2.1	152
5	Modeling and Performance Analysis of Clustered Device-to-Device Networks. IEEE Transactions on Wireless Communications, 2016, , 1-1.	6.1	143
6	Waterâ€Resonatorâ€Based Metasurface: An Ultrabroadband and Nearâ€Unity Absorption. Advanced Optical Materials, 2017, 5, 1601103.	3.6	112
7	Poisson Hole Process: Theory and Applications to Wireless Networks. IEEE Transactions on Wireless Communications, 2016, 15, 7531-7546.	6.1	93
8	Fundamentals of Cluster-Centric Content Placement in Cache-Enabled Device-to-Device Networks. IEEE Transactions on Communications, 2016, 64, 2511-2526.	4.9	93
9	A Comprehensive Study of IoT and WSN MAC Protocols: Research Issues, Challenges and Opportunities. IEEE Access, 2018, 6, 76228-76262.	2.6	86
10	An Evolutionary Self-Cooperative Trust Scheme Against Routing Disruptions in MANETs. IEEE Transactions on Mobile Computing, 2019, 18, 42-55.	3.9	77
11	Efficient data dissemination in cooperative multi-RSU Vehicular Ad Hoc Networks (VANETs). Journal of Systems and Software, 2016, 117, 508-527.	3.3	76
12	An Energy-Efficient Region-Based RPL Routing Protocol for Low-Power and Lossy Networks. IEEE Internet of Things Journal, 2016, 3, 1319-1333.	5.5	74
13	Sensor Technologies for Fall Detection Systems: A Review. IEEE Sensors Journal, 2020, 20, 6889-6919.	2.4	73
14	Multihop cellular networks: Technology and economics. Computer Networks, 2008, 52, 1825-1837.	3.2	69
15	Controller placement optimization in hierarchical distributed software defined vehicular networks. Computer Networks, 2018, 135, 226-239.	3.2	69
16	Feeling Positive About Reopening? New Normal Scenarios From COVID-19 US Reopen Sentiment Analytics. IEEE Access, 2020, 8, 142173-142190.	2.6	65
17	Forecasting spread of COVID-19 using google trends: A hybrid GWO-deep learning approach. Chaos, Solitons and Fractals, 2021, 142, 110336.	2.5	65
18	Multi-Resident Non-Contact Vital Sign Monitoring Using Radar: A Review. IEEE Sensors Journal, 2021, 21, 4061-4084.	2.4	59

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19	0.2 Î»₀ Thick Adaptive Retroreflector Made of Spinâ€Locked Metasurface. Advanced Materials, 2018, 30, e1802721.	11.1	58
20	A comprehensive study of RPL and P2P-RPL routing protocols: Implementation, challenges and opportunities. Peer-to-Peer Networking and Applications, 2017, 10, 1232-1256.	2.6	56
21	Broadcast Performance Analysis and Improvements of the LTE-V2V Autonomous Mode at Road Intersection. IEEE Transactions on Vehicular Technology, 2019, 68, 9359-9369.	3.9	54
22	Link Stability Based Optimized Routing Framework for Software Defined Vehicular Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 2934-2945.	3.9	54
23	An efficient clustering scheme for large and dense mobile ad hoc networks (MANETs). Computer Communications, 2006, 30, 5-16.	3.1	51
24	Arbitrary and Independent Polarization Control In Situ via a Single Metasurface. Advanced Optical Materials, 2018, 6, 1800728.	3.6	49
25	A Secure and Authenticated Key Management Protocol (SA-KMP) for Vehicular Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 9570-9584.	3.9	46
26	Multifunctional Hyperbolic Nanogroove Metasurface for Submolecular Detection. Small, 2017, 13, 1700600.	5.2	46
27	Design and implementation of bluetooth energy meter. , 0, , .		45
28	Device-to-Device Communications: A Contemporary Survey. Wireless Personal Communications, 2018, 98, 1247-1284.	1.8	42
29	Adaptable metasurface for dynamic anomalous reflection. Applied Physics Letters, 2017, 110, .	1.5	39
30	Design and Implementation of a Self-Powered Smart Water Meter. Sensors, 2019, 19, 4177.	2.1	36
31	Socioeconomic factors analysis for COVID-19 US reopening sentiment with Twitter and census data. Heliyon, 2021, 7, e06200.	1.4	36
32	Liquid-metal-based metasurface for terahertz absorption material: Frequency-agile and wide-angle. APL Materials, 2017, 5, 066103.	2.2	33
33	An energy-efficient and cluster-parent based RPL with power-level refinement for low-power and lossy networks. Computer Communications, 2017, 104, 17-33.	3.1	33
34	Solutions for the â€œSilent Nodeâ€•Problem in an Automatic Meter Reading System Using Power-Line Communications. IEEE Transactions on Power Delivery, 2008, 23, 150-156.	2.9	32
35	Performance Comparison of Flat and Cluster-Based Hierarchical Ad Hoc Routing with Entity and Group Mobility. , 2009, , .		32
36	Metafluidic metamaterial: a review. Advances in Physics: X, 2018, 3, 1417055.	1.5	32

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37	Delay efficient software defined networking based architecture for vehicular networks. , 2016, , .		29
38	Design and implementation of user interface for mobile devices. IEEE Transactions on Consumer Electronics, 2004, 50, 1156-1161.	3.0	27
39	Analysis and Improvement of Reliability Through Coding for Safety Message Broadcasting in Urban Vehicular Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 6774-6787.	3.9	27
40	A survey of inter-flow network coding in wireless mesh networks with unicast traffic. Computer Networks, 2015, 91, 738-751.	3.2	26
41	The non-aqueous synthesis of shape controllable Cu_{2â^'x}S plasmonic nanostructures in a continuous-flow millifluidic chip for the generation of photo-induced heating. Nanoscale, 2016, 8, 6609-6622.	2.8	24
42	Efficient Real-Time Coding-Assisted Heterogeneous Data Access in Vehicular Networks. IEEE Internet of Things Journal, 2018, 5, 3499-3512.	5.5	24
43	Technologies in Multihop Cellular Networks [Guest Editorial]. , 2007, 45, 64-65.		23
44	Biodegradable charged polyester-based vectors (BCPVs) as an efficient non-viral transfection nanoagent for gene knockdown of the BCRâ€“ABL hybrid oncogene in a human chronic myeloid leukemia cell line. Nanoscale, 2016, 8, 9405-9416.	2.8	23
45	Millifluidic synthesis of cadmium sulfide nanoparticles and their application in bioimaging. RSC Advances, 2017, 7, 36819-36832.	1.7	22
46	Split Archimedean spiral metasurface for controllable GHz asymmetric transmission. Applied Physics Letters, 2019, 114, .	1.5	22
47	A Network-Based Dynamic Channel Assignment Scheme for TDMA Cellular Systems. International Journal of Wireless Information Networks, 2001, 8, 155-165.	1.8	21
48	A Review of Group Mobility Models for Mobile Ad Hoc Networks. Wireless Personal Communications, 2015, 85, 1317-1331.	1.8	21
49	Performance of Efficient CBRP in Mobile Ad Hoc Networks (MANETS). , 2008, , .		19
50	Machine-to-Machine Communication and Research Challenges: A Survey. Wireless Personal Communications, 2017, 97, 3569-3585.	1.8	19
51	A Novel Hybrid MAC Protocol for Basic Safety Message Broadcasting in Vehicular Networks. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 4269-4282.	4.7	19
52	Two-Phase Cooperative Broadcasting Based on Batched Network Code. IEEE Transactions on Communications, 2016, 64, 706-714.	4.9	18
53	Reliable State Estimation of an Unmanned Aerial Vehicle Over a Distributed Wireless IoT Network. IEEE Transactions on Reliability, 2019, 68, 1061-1069.	3.5	17
54	Performance of Reuse Partitioning in Cellular Systems with Mobile Users. International Journal of Wireless Information Networks, 2003, 10, 17-31.	1.8	16

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55	A Dynamic Channel Assignment Scheme for TDMA-based Multihop Cellular Networks. IEEE Transactions on Wireless Communications, 2008, 7, 1999-2003.	6.1	16
56	Reversible and Fast Responsive Optical Fiber Relative Humidity Sensor Based on Polyelectrolyte Self-Assembly Multilayer Film. IEEE Sensors Journal, 2018, 18, 1081-1086.	2.4	16
57	V2X Content Distribution Based on Batched Network Coding With Distributed Scheduling. IEEE Access, 2018, 6, 59449-59461.	2.6	16
58	Connectivity aware tribrid routing framework for a generalized software defined vehicular network. Computer Networks, 2019, 152, 167-177.	3.2	16
59	Harnessing the High Bandwidth of Multiradio Multichannel 802.11n Mesh Networks. IEEE Transactions on Mobile Computing, 2014, 13, 448-456.	3.9	15
60	Fuzzy Logic-Based Resource Allocation Algorithm for V2X Communications in 5G Cellular Networks. IEEE Journal on Selected Areas in Communications, 2021, 39, 2501-2513.	9.7	15
61	Uplink capacity analysis for multihop TDD-CDMA cellular system. IEEE Transactions on Communications, 2009, 57, 509-519.	4.9	13
62	Link Dynamics Based Packet Routing Framework for Software Defined Vehicular Networks. , 2017, , .		13
63	Coverage and Area Spectral Efficiency of Clustered Device-to-Device Networks. , 2015, , .		12
64	An Energy-Efficient and Self-Regioning Based RPL for Low-Power and Lossy Networks. , 2016, , .		12
65	Performance Analysis and Boost for a MAC Protocol in Vehicular Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 8721-8728.	3.9	12
66	A Comprehensive Open-Source Simulation Framework for LiFi Communication. Sensors, 2021, 21, 2485.	2.1	12
67	The effect of code-multiplexing on the high speed downlink packet access (HSDPA) in a WCDMA network. , 0, , .		11
68	Performance analysis of multihop cellular network with fixed channel assignment. Wireless Networks, 2010, 16, 511-526.	2.0	11
69	Capacity improvement in cellular systems with reuse partitioning. Journal of Communications and Networks, 2001, 3, 1-8.	1.8	10
70	Time Slot Allocation Schemes for Multihop TDD-CDMA Cellular System. , 2007, , .		10
71	An IoT-oriented data storage framework in smart city applications. , 2016, , .		10
72	Leader Based Group Routing in Disconnected Mobile Ad Hoc Networks with Group Mobility. Wireless Personal Communications, 2013, 71, 2003-2021.	1.8	9

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73	Service load balancing in fog-based 5G radio access networks. , 2017, , .		9
74	Modelling of Chest Wall Motion for Cardiorespiratory Activity for Radar-Based NCVS Systems. Sensors, 2020, 20, 5094.	2.1	9
75	Real-time cooperative data routing and scheduling in software defined vehicular networks. Computer Communications, 2022, 181, 203-214.	3.1	9
76	Multi-Attribute Decision Making for Energy-Efficient Public Transport Network Selection in Smart Cities. Future Internet, 2022, 14, 42.	2.4	9
77	WLC20-6: A Fixed Channel Assignment Scheme for Multihop Cellular Network. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	8
78	A Simple Grid-Based Localization Technique in Wireless Sensor Networks for Forest Fire Detection. , 2010, , .		8
79	Performance of physical-layer network coding in asymmetric two-way relay channels. China Communications, 2013, 10, 65-73.	2.0	8
80	On Efficient Data Dissemination Using Network Coding in Multi-RSU Vehicular Ad Hoc Networks. , 2016, , .		8
81	Store-Carry-Cooperative Forward Routing with Information Epidemics Control for Data Delivery in Opportunistic Networks. IEEE Access, 2017, , 1-1.	2.6	8
82	Autonomous Vehicles: Resource Allocation, Security, and Data Privacy. IEEE Transactions on Green Communications and Networking, 2022, 6, 117-131.	3.5	8
83	Dynamic Channel Assignment with Flexible Reuse Partitioning in Cellular Systems. Wireless Personal Communications, 2007, 42, 161-183.	1.8	7
84	A Performance Comparison of Flat and Cluster Based Routings in Mobile Ad Hoc Networks. International Journal of Wireless Information Networks, 2012, 19, 122-137.	1.8	7
85	CEO: Consistency of Encoding and Overhearing in Network Coding-Aware Routing. IEEE Wireless Communications Letters, 2013, 2, 187-190.	3.2	7
86	An expedite group key establishment protocol for Flying Ad-Hoc Network(FANET). , 2016, , .		7
87	Tight bounds on the Laplace transform of interference in a poisson hole process. , 2016, , .		7
88	Information epidemics control for data delivery in opportunistic networks. , 2016, , .		7
89	Network Coding Based BSM Broadcasting at Road Intersection in V2V Communication. , 2016, , .		7
90	A sustainable vehicular based energy efficient data dissemination approach. , 2017, , .		7

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91	An Analytical Framework for Multi-Tier NOMA Networks With Underlay D2D Communications. IEEE Access, 2018, 6, 59221-59241.	2.6	7
92	Capacity improvement in cellular systems with dynamic channel assignment and reuse partitioning. , 2003, , .		6
93	Design of applications on Ultra-Wideband Real-Time Locating System. , 2009, , .		6
94	Routing strategy in disconnected mobile ad hoc networks with group mobility. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, .	1.5	6
95	Combined orthogonal physicalâ€layer network coding over fading twoâ€way relay channels. International Journal of Communication Systems, 2014, 27, 4265-4279.	1.6	6
96	Interference-aware resource allocation for device-to-device communications in cellular networks. , 2015, , .		6
97	Hybrid division duplex for HetNets: Coordinated interference management with uplink power control. , 2015, , .		6
98	Radio Resource Allocation for D2D-Enabled Massive Machine Communication in the 5G Era. , 2016, , .		6
99	A Reliable and Energy-efficient Opportunistic Routing Protocol for Dense Lossy Networks. IEEE Wireless Communications Letters, 2016, , 1-1.	3.2	6
100	Virtual overhearing: An effective way to increase network coding opportunities in wireless ad-hoc networks. Computer Networks, 2016, 105, 111-123.	3.2	6
101	Integrating PNC and RLNC for BSM dissemination in VANETs. , 2017, , .		6
102	An Analysis on Contemporary MAC Layer Protocols in Vehicular Networks: State-of-the-Art and Future Directions. Future Internet, 2021, 13, 287.	2.4	6
103	Capacity optimizing channel allocation schemes for multi-service cellular systems. International Journal of Communication Systems, 2004, 17, 575-590.	1.6	5
104	Dynamic channel partitioning with flexible channel combination for TDMA-based cellular systems. IEEE Transactions on Wireless Communications, 2005, 4, 2095-2099.	6.1	5
105	A dynamic channel assignment scheme for clustered multihop cellular networks. Wireless Communications and Mobile Computing, 2008, 8, 845-856.	0.8	5
106	Evaluation of performance on random back-off interval and multi-channel CSMA/CA protocols. , 2009, , .		5
107	Coverage and Area Spectral Efficiency of Clustered Device-to-Device Networks. , 2014, , .		5
108	Performance Analysis of Network Coding With Virtual Overhearing in Wireless Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 2051-2061.	3.9	5

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109	Cluster-parent based RPL for Low-Power and Lossy Networks in building environment. , 2015, , .		5
110	k-Closest coverage probability and area spectral efficiency in clustered D2D networks. , 2016, , .		5
111	Moving small cells in public safety networks. , 2017, , .		5
112	BSM dissemination with network coded relaying in VANETs at NLOS intersections. , 2017, , .		5
113	Applying NOMA to Undersampled Optical Camera Communication for Vehicular Communication. , 2018, , .		5
114	Blockchain Enabled Opportunistic Fog-based Radio Access Network: A Position Paper. , 2019, , .		5
115	Resource Allocation Based Performance Analysis for 5G Vehicular Networks in Urban Areas. , 2020, , .		5
116	Enhancing Handover for 5G mmWave Mobile Networks Using Jump Markov Linear System and Deep Reinforcement Learning. Sensors, 2022, 22, 746.	2.1	5
117	NCFSK bit-error rate with unsynchronized slowly fading interferers. IEEE Transactions on Communications, 2001, 49, 272-281.	4.9	4
118	Performance comparison of CSMA/CD, CSMA/CA, CSMA/RI, CSMA/PRI and CSMA/PR with BEB. , 2010, , .		4
119	Technologies for green radio communication networks. IEEE Wireless Communications, 2011, 18, 8-9.	6.6	4
120	Hybrid opportunistic routing in highly dynamic MANET. , 2014, , .		4
121	Cooperative quadrature physical layer network coding in wireless relay networks. International Journal of Communication Systems, 2015, 28, 112-126.	1.6	4
122	A nonâ€biased trust model for wireless mesh networks. International Journal of Communication Systems, 2017, 30, e3200.	1.6	4
123	Denoised Modified Incoherent Signal Subspace Method for DOA of Coherent Signals. , 2018, , .		4
124	Link Stability Based Hybrid Routing Protocol for Software Defined Vehicular Networks. , 2018, , .		4
125	Cooperative Cache Transfer-based On-demand Network Coded Broadcast in Vehicular Networks. Transactions on Embedded Computing Systems, 2019, 18, 1-20.	2.1	4
126	Safety Assessment of Radio Frequency and Visible Light Communication for Vehicular Networks. IEEE Wireless Communications, 2020, 27, 186-192.	6.6	4

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127	Multi-Objective Optimization of Task-to-Node Assignment in Opportunistic Fog RAN. Electronics (Switzerland), 2020, 9, 474.	1.8	4
128	Design & implementation of user interface for mobile devices. , 0, , .		3
129	Cross Time Slot Capacity Analysis for Uplink Transmission in Multihop Cellular System. , 2006, , .		3
130	A Dynamic Channel Assignment Scheme for TDMA-Based Multihop Cellular Networks. , 2007, , .		3
131	Energy consumption in TDD-CDMA multihop cellular networks. , 2009, , .		3
132	Opportunistic Relay Selection in Future Green Multihop Cellular Networks. , 2010, , .		3
133	G-ER: Group-epidemic routing for mobile ad hoc networks with buffer sharing mechanism. , 2011, , .		3
134	WSN-based energy-efficient data communication protocol for smart green building environment. , 2015, , .		3
135	Secure Public Key Regime (SPKR) in vehicular networks. , 2015, , .		3
136	A novel self-checking ad hoc routing scheme against active black hole attacks. Security and Communication Networks, 2016, 9, 943-957.	1.0	3
137	A Time-Free Comparison-Based System-Level Fault Diagnostic Model for Highly Dynamic Networks. , 2016, , .		3
138	An Overview of Trust-Based Routing Design Under Adversarial Mobile Ad Hoc Network Environment. Wireless Personal Communications, 2017, 96, 3923-3946.	1.8	3
139	Cooperative Data Routing & Scheduling In Software Defined Vehicular Networks. , 2018, , .		3
140	Performance Analysis of Opportunistic Fog Based Radio Access Networks. IEEE Access, 2020, 8, 225191-225200.	2.6	3
141	Dynamic Channel Assignment for Multihop Cellular Networks with Any Reuse Factor. IEEE Communications Letters, 2008, 12, 346-348.	2.5	2
142	A medium access control scheme for TDD-CDMA cellular networks with two-hop relay architecture. IEEE Transactions on Wireless Communications, 2009, 8, 2280-2285.	6.1	2
143	Routing for group mobility in mobile ad hoc networks with delay-tolerant approach. , 2010, , .		2
144	Dynamic Interference Mitigation in Two Tier HetNets: Modeling and Analysis. , 2014, , .		2

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145	Fundamentals of Cluster-Centric Content Placement in Device-to-Device Networks. , 2015, , .		2
146	An automatic layout faults detection technique in responsive web pages considering JavaScript defined dynamic layouts. , 2016, , .		2
147	Simulation study of routing attacks under network coding environment. , 2016, , .		2
148	A Cloud-Based Network Architecture for Big Data Services. , 2016, , .		2
149	Microfluidic Metasurfaces: Broadband Wideâ€Angle Multifunctional Polarization Converter via Liquidâ€Metalâ€Based Metasurface (Advanced Optical Materials 7/2017). Advanced Optical Materials, 2017, 5, .	3.6	2
150	Cooperative forwarding in multi-radio multi-channel multi-flow wireless networks. , 2017, , .		2
151	Efficient Flow Instantiation via Source Routing in Software Defined Vehicular Networks. , 2017, , .		2
152	Telco asks transp: Can you give me a ride in the era of big data?. , 2017, , .		2
153	Recent Advances on Cellular D2D Communications. Future Internet, 2018, 10, 10.	2.4	2
154	Simulation study of some PRMA-based protocols with channel reservation for data traffic. , 2005, , .		2
155	Miniaturized Fluidic Devices and Their Biophotonic Applications. , 2016, , 1-47.		2
156	Performance study of GPRS/EDGE systems for voice and data transmission in cellular systems. , 0, , .		1
157	Capacity optimizing channel allocation scheme supporting multiple services with mobile users in cellular system. , 2005, , .		1
158	Performance of Microcell/Macrocell cellular systems with reuse partitioning. , 2006, , .		1
159	Capacity improvement with dynamic channel assignment and reuse partitioning in cellular systems. Journal of Communications and Networks, 2006, 8, 13-20.	1.8	1
160	Design and implementation of a UWB peer-to-peer communication network. , 2007, , .		1
161	Asymmetric FCA for Downlink and Uplink Transmission in Clustered Multihop Cellular Network. Wireless Personal Communications, 2008, 44, 341-360.	1.8	1
162	High-Speed Multimedia Services for TDD-CDMA Multihop Cellular Networks (Invited). , 2008, , .		1

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163	Simulation Study of the SIR in Mobile Ad-Hoc Networks. Wireless Personal Communications, 2009, 48, 239-245.	1.8	1
164	Design and Implementation of a Centralized Sensor Protocol for Information via Negotiation. , 2010, , .		1
165	Real-life experiments of Multi-Radio Multi-Channel wireless mesh networks: 802.11n is not any better than 802.11a!. , 2011, , .		1
166	Improved medium access control schemes for TDD-CDMA multihop cellular networks. , 2011, , .		1
167	Routing performance of mobile ad hoc network in urban street-grid environment using non-line-of-sight propagation model. , 2011, , .		1
168	Performance Comparison of Time Slot Allocation Schemes in TDD-CDMA Multihop Cellular Networks. Wireless Personal Communications, 2012, 62, 557-576.	1.8	1
169	Combined orthogonal physical-layer network coding (COPNC) for asymmetric two-way relay channels. , 2013, , .		1
170	Cubic-based 3-D localization for wireless sensor networks. , 2013, , .		1
171	A neighborhood connectivity-based trust scheme to identify active black hole attacks. , 2014, , .		1
172	Poster: Trust-based routing with neighborhood connectivity to prevent single and colluded active black hole. , 2014, , .		1
173	Cluster-Based WSN Routing Protocol for Smart Buildings. , 2015, , .		1
174	On striking the balance between the fairness of service and throughput in roadside units based vehicular ad hoc networks. International Journal of Vehicle Autonomous Systems, 2016, 13, 168.	0.2	1
175	Optical Fibre-Based Environmental Sensors Utilizing Wireless Smart Grid Platform. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 253-258.	0.2	1
176	Robustness of radiometric fingerprinting in the presence of an impersonator. , 2017, , .		1
177	The Vehicle Trajectory Estimation Method Based on the Information Fusion. , 2018, , .		1
178	An efficient actorâ€critic reinforcement learning for deviceâ€toâ€device communication underlaying sectored cellular network. International Journal of Communication Systems, 2020, 33, e4315.	1.6	1
179	Intelligent Handover using User-Mobility Pattern Analysis for 5G Mobile Networks. , 2021, , .		1
180	Performance Analysis of DF Relay-Assisted D2D Communication in a 5G mmWave Network. Future Internet, 2022, 14, 101.	2.4	1

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181	Embedded human interface device for voice and data communication. , 0, , .		0
182	Simulation study of some PRMA-based protocols with channel reservation for data traffic. International Journal of Ad Hoc and Ubiquitous Computing, 2007, 2, 167.	0.3	0
183	Capacity optimizing channel allocation schemes for multi-service cellular systems with mobile users. Wireless Communications and Mobile Computing, 2008, 8, 435-448.	0.8	0
184	Performance analysis of microcell/macrocell with reuse partitioning in TDMAâ€based cellular systems. International Journal of Communication Systems, 2008, 21, 923-954.	1.6	0
185	Performance of fixed channel assignment for uplink transmission and Direct Peer-to-Peer Communications in multihop cellular networks. , 2008, , .		0
186	Performance study of packet-switched TDD-CDMA multihop cellular networks. , 2008, , .		0
187	Performance of dynamic channel assignment in multihop cellular networks with the effect of mobile density and transmission range. , 2009, , .		0
188	Performance Investigation of CDMA/PRMA with Imperfect Power Control in TDD Cellular Systems. Wireless Personal Communications, 2010, 54, 349-360.	1.8	0
189	Distributed RSSI-sharing for two-way ranging base station selection. , 2010, , .		0
190	Purpose-movement assisted routing for group mobility in disconnected mobile ad hoc networks. , 2012, , .		0
191	Energy performance in TDD-CDMA multi-hop cellular networks. , 0, , 309-330.		0
192	Hybrid routing in lossy link mobile ad hoc networks. , 2013, , .		0
193	Optimal relay node placement in wireless sensor network for smart buildings metering and control. , 2013, , .		0
194	Markov analysis of modulation & coding schemes in OFDMA networks. , 2014, , .		0
195	Effect of time frame duration and collision on the performance of OFDMA-based cognitive radio network. , 2014, , .		0
196	Protection strategies against cascading failure for Singapore transmission grid. , 2015, , .		0
197	A wireless vehicular traffic service management scheme. , 2016, , .		0
198	Parallel matricization for n-D array operations. , 2016, , .		0

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199	On Accessing Heterogeneous Data Items Using Network Coding in Wireless Broadcast. , 2016, , .		0
200	Scalable Cloud-Based Data Storage Platform for Smart Grid. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 259-265.	0.2	0
201	An Efficient Cross-Layer Coding-Assisted Heterogeneous Data Access in Vehicular Networks. , 2018, , .		0
202	Performance Analysis of On-Demand Scheduling with and without Network Coding in Wireless Broadcast. Future Internet, 2019, 11, 248.	2.4	0
203	The Time-Free Comparison Model for Fault Diagnosis in Wireless Ad Hoc Networks. Mobile Networks and Applications, 2020, , 1.	2.2	0
204	MONET Special Issue on Towards Future Ad Hoc Networks: Technologies and Applications (II). Mobile Networks and Applications, 0, , 1.	2.2	0
205	Performance of Dynamic Channel Assignment for PRMA Protocols for Packet Switched TDMA Cellular Systems. , 2000, , 135-146.		0
206	Cross time slot capacity analysis for TDD CDMA cellular system uplink transmission. , 2005, , .		0
207	Performance investigation of CDMA/PRMA with power control in TDD multimedia cellular networks. , 2008, , .		0
208	A Grid-Based Localization Technique for Forest Fire Surveillance in Wireless Sensor Networks. , 2012, , 562-577.		0
209	Miniaturized Fluidic Devices and Their Biophotonic Applications. , 2017, , 893-939.		0
210	Efficient Fault Identification Protocol for Dynamic Topology Networks Using Network Coding. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 230-239.	0.2	0