

Peter Chong

List of Publications by Year in descending order

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212
papers

4,250
citations

136950

32
h-index

133252

59
g-index

218
all docs

218
docs citations

218
times ranked

4666
citing authors

#	ARTICLE	IF	CITATIONS
1	Autonomous Vehicles: Resource Allocation, Security, and Data Privacy. IEEE Transactions on Green Communications and Networking, 2022, 6, 117-131.	5.5	8
2	Real-time cooperative data routing and scheduling in software defined vehicular networks. Computer Communications, 2022, 181, 203-214.	5.1	9
3	Multi-Attribute Decision Making for Energy-Efficient Public Transport Network Selection in Smart Cities. Future Internet, 2022, 14, 42.	3.8	9
4	Enhancing Handover for 5G mmWave Mobile Networks Using Jump Markov Linear System and Deep Reinforcement Learning. Sensors, 2022, 22, 746.	3.8	5
5	Performance Analysis of DF Relay-Assisted D2D Communication in a 5G mmWave Network. Future Internet, 2022, 14, 101.	3.8	1
6	Forecasting spread of COVID-19 using google trends: A hybrid GWO-deep learning approach. Chaos, Solitons and Fractals, 2021, 142, 110336.	5.1	65
7	Multi-Resident Non-Contact Vital Sign Monitoring Using Radar: A Review. IEEE Sensors Journal, 2021, 21, 4061-4084.	4.7	59
8	Socioeconomic factors analysis for COVID-19 US reopening sentiment with Twitter and census data. Heliyon, 2021, 7, e06200.	3.2	36
9	Intelligent Handover using User-Mobility Pattern Analysis for 5G Mobile Networks. , 2021, , .		1
10	A Comprehensive Open-Source Simulation Framework for LiFi Communication. Sensors, 2021, 21, 2485.	3.8	12
11	Fuzzy Logic-Based Resource Allocation Algorithm for V2X Communications in 5G Cellular Networks. IEEE Journal on Selected Areas in Communications, 2021, 39, 2501-2513.	14.0	15
12	An Analysis on Contemporary MAC Layer Protocols in Vehicular Networks: State-of-the-Art and Future Directions. Future Internet, 2021, 13, 287.	3.8	6
13	The Time-Free Comparison Model for Fault Diagnosis in Wireless Ad Hoc Networks. Mobile Networks and Applications, 2020, , 1.	3.3	0
14	Feeling Positive About Reopening? New Normal Scenarios From COVID-19 US Reopen Sentiment Analytics. IEEE Access, 2020, 8, 142173-142190.	4.2	65
15	Resource Allocation Based Performance Analysis for 5G Vehicular Networks in Urban Areas. , 2020, , .		5
16	Modelling of Chest Wall Motion for Cardiorespiratory Activity for Radar-Based NCVS Systems. Sensors, 2020, 20, 5094.	3.8	9
17	Sensor Technologies for Fall Detection Systems: A Review. IEEE Sensors Journal, 2020, 20, 6889-6919.	4.7	73
18	Safety Assessment of Radio Frequency and Visible Light Communication for Vehicular Networks. IEEE Wireless Communications, 2020, 27, 186-192.	9.0	4

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19	An efficient actor-critic reinforcement learning for device-to-device communication underlying sectorized cellular network. International Journal of Communication Systems, 2020, 33, e4315.	2.5	1
20	Multi-Objective Optimization of Task-to-Node Assignment in Opportunistic Fog RAN. Electronics (Switzerland), 2020, 9, 474.	3.1	4
21	A Novel Hybrid MAC Protocol for Basic Safety Message Broadcasting in Vehicular Networks. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 4269-4282.	8.0	19
22	Performance Analysis of Opportunistic Fog Based Radio Access Networks. IEEE Access, 2020, 8, 225191-225200.	4.2	3
23	Cooperative Cache Transfer-based On-demand Network Coded Broadcast in Vehicular Networks. Transactions on Embedded Computing Systems, 2019, 18, 1-20.	2.9	4
24	Performance Analysis and Boost for a MAC Protocol in Vehicular Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 8721-8728.	6.3	12
25	Design and Implementation of a Self-Powered Smart Water Meter. Sensors, 2019, 19, 4177.	3.8	36
26	Broadcast Performance Analysis and Improvements of the LTE-V2V Autonomous Mode at Road Intersection. IEEE Transactions on Vehicular Technology, 2019, 68, 9359-9369.	6.3	54
27	Link Stability Based Optimized Routing Framework for Software Defined Vehicular Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 2934-2945.	6.3	54
28	Split Archimedean spiral metasurface for controllable GHz asymmetric transmission. Applied Physics Letters, 2019, 114, .	3.3	22
29	Visible Light Communication: A System Perspective—Overview and Challenges. Sensors, 2019, 19, 1153.	3.8	152
30	Reliable State Estimation of an Unmanned Aerial Vehicle Over a Distributed Wireless IoT Network. IEEE Transactions on Reliability, 2019, 68, 1061-1069.	4.6	17
31	Connectivity aware tribrid routing framework for a generalized software defined vehicular network. Computer Networks, 2019, 152, 167-177.	5.1	16
32	Blockchain Enabled Opportunistic Fog-based Radio Access Network: A Position Paper. , 2019, , .		5
33	Performance Analysis of On-Demand Scheduling with and without Network Coding in Wireless Broadcast. Future Internet, 2019, 11, 248.	3.8	0
34	An Evolutionary Self-Cooperative Trust Scheme Against Routing Disruptions in MANETs. IEEE Transactions on Mobile Computing, 2019, 18, 42-55.	5.8	77
35	A Multi-Stage Encryption Technique to Enhance the Secrecy of Image. KSII Transactions on Internet and Information Systems, 2019, 13, .	0.3	1
36	Controller placement optimization in hierarchical distributed software defined vehicular networks. Computer Networks, 2018, 135, 226-239.	5.1	69

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37	Reversible and Fast Responsive Optical Fiber Relative Humidity Sensor Based on Polyelectrolyte Self-Assembly Multilayer Film. <i>IEEE Sensors Journal</i> , 2018, 18, 1081-1086.	4.7	16
38	Metafluidic metamaterial: a review. <i>Advances in Physics: X</i> , 2018, 3, 1417055.	4.1	32
39	Efficient Real-Time Coding-Assisted Heterogeneous Data Access in Vehicular Networks. <i>IEEE Internet of Things Journal</i> , 2018, 5, 3499-3512.	8.7	24
40	Analysis and Improvement of Reliability Through Coding for Safety Message Broadcasting in Urban Vehicular Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2018, 67, 6774-6787.	6.3	27
41	Device-to-Device Communications: A Contemporary Survey. <i>Wireless Personal Communications</i> , 2018, 98, 1247-1284.	2.7	42
42	Applying NOMA to Undersampled Optical Camera Communication for Vehicular Communication. , 2018, , .		5
43	Cooperative Data Routing & Scheduling In Software Defined Vehicular Networks. , 2018, , .		3
44	Denosed Modified Incoherent Signal Subspace Method for DOA of Coherent Signals. , 2018, , .		4
45	The Vehicle Trajectory Estimation Method Based on the Information Fusion. , 2018, , .		1
46	A Comprehensive Study of IoT and WSN MAC Protocols: Research Issues, Challenges and Opportunities. <i>IEEE Access</i> , 2018, 6, 76228-76262.	4.2	86
47	V2X Content Distribution Based on Batched Network Coding With Distributed Scheduling. <i>IEEE Access</i> , 2018, 6, 59449-59461.	4.2	16
48	An Analytical Framework for Multi-Tier NOMA Networks With Underlay D2D Communications. <i>IEEE Access</i> , 2018, 6, 59221-59241.	4.2	7
49	An Efficient Cross-Layer Coding-Assisted Heterogeneous Data Access in Vehicular Networks. , 2018, , .		0
50	Link Stability Based Hybrid Routing Protocol for Software Defined Vehicular Networks. , 2018, , .		4
51	Recent Advances on Cellular D2D Communications. <i>Future Internet</i> , 2018, 10, 10.	3.8	2
52	Arbitrary and Independent Polarization Control In Situ via a Single Metasurface. <i>Advanced Optical Materials</i> , 2018, 6, 1800728.	7.3	49
53	0.2 μm Thick Adaptive Retroreflector Made of Spin-Locked Metasurface. <i>Advanced Materials</i> , 2018, 30, e1802721.	21.0	58
54	Efficient Fault Identification Protocol for Dynamic Topology Networks Using Network Coding. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2018, , 230-239.	0.3	0

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55	Broadband Wide-Angle Multifunctional Polarization Converter via Liquid-Metal-Based Metasurface. <i>Advanced Optical Materials</i> , 2017, 5, 1600938.	7.3	172
56	Moving small cells in public safety networks. , 2017, , .		5
57	Multifunctional Hyperbolic Nanogroove Metasurface for Submolecular Detection. <i>Small</i> , 2017, 13, 1700600.	10.0	46
58	Adaptable metasurface for dynamic anomalous reflection. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	39
59	Precise Two-Photon Photodynamic Therapy using an Efficient Photosensitizer with Aggregation-Induced Emission Characteristics. <i>Advanced Materials</i> , 2017, 29, 1701076.	21.0	258
60	Liquid-metal-based metasurface for terahertz absorption material: Frequency-agile and wide-angle. <i>APL Materials</i> , 2017, 5, 066103.	5.1	33
61	Microfluidic Metasurfaces: Broadband Wide-Angle Multifunctional Polarization Converter via Liquid-Metal-Based Metasurface (<i>Advanced Optical Materials</i> 7/2017). <i>Advanced Optical Materials</i> , 2017, 5, .	7.3	2
62	Store-Carry-Cooperative Forward Routing with Information Epidemics Control for Data Delivery in Opportunistic Networks. <i>IEEE Access</i> , 2017, , 1-1.	4.2	8
63	Water-Resonator-Based Metasurface: An Ultrabroadband and Near-Unity Absorption. <i>Advanced Optical Materials</i> , 2017, 5, 1601103.	7.3	112
64	Optical Fibre-Based Environmental Sensors Utilizing Wireless Smart Grid Platform. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2017, , 253-258.	0.3	1
65	Scalable Cloud-Based Data Storage Platform for Smart Grid. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2017, , 259-265.	0.3	0
66	Millifluidic synthesis of cadmium sulfide nanoparticles and their application in bioimaging. <i>RSC Advances</i> , 2017, 7, 36819-36832.	3.6	22
67	Machine-to-Machine Communication and Research Challenges: A Survey. <i>Wireless Personal Communications</i> , 2017, 97, 3569-3585.	2.7	19
68	Cooperative forwarding in multi-radio multi-channel multi-flow wireless networks. , 2017, , .		2
69	An Overview of Trust-Based Routing Design Under Adversarial Mobile Ad Hoc Network Environment. <i>Wireless Personal Communications</i> , 2017, 96, 3923-3946.	2.7	3
70	An energy-efficient and cluster-parent based RPL with power-level refinement for low-power and lossy networks. <i>Computer Communications</i> , 2017, 104, 17-33.	5.1	33
71	A comprehensive study of RPL and P2P-RPL routing protocols: Implementation, challenges and opportunities. <i>Peer-to-Peer Networking and Applications</i> , 2017, 10, 1232-1256.	3.9	56
72	A non-biased trust model for wireless mesh networks. <i>International Journal of Communication Systems</i> , 2017, 30, e3200.	2.5	4

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73	Link Dynamics Based Packet Routing Framework for Software Defined Vehicular Networks. , 2017, , .		13
74	Integrating PNC and RLNC for BSM dissemination in VANETs. , 2017, , .		6
75	Robustness of radiometric fingerprinting in the presence of an impersonator. , 2017, , .		1
76	Service load balancing in fog-based 5G radio access networks. , 2017, , .		9
77	A sustainable vehicular based energy efficient data dissemination approach. , 2017, , .		7
78	BSM dissemination with network coded relaying in VANETs at NLOS intersections. , 2017, , .		5
79	Efficient Flow Instantiation via Source Routing in Software Defined Vehicular Networks. , 2017, , .		2
80	Telco asks transp: Can you give me a ride in the era of big data?. , 2017, , .		2
81	Miniaturized Fluidic Devices and Their Biophotonic Applications. , 2017, , 893-939.		0
82	A novel self-checking ad hoc routing scheme against active black hole attacks. Security and Communication Networks, 2016, 9, 943-957.	1.5	3
83	Biodegradable charged polyester-based vectors (BCPVs) as an efficient non-viral transfection nanoagent for gene knockdown of the BCRÁABL hybrid oncogene in a human chronic myeloid leukemia cell line. Nanoscale, 2016, 8, 9405-9416.	5.6	23
84	A Time-Free Comparison-Based System-Level Fault Diagnostic Model for Highly Dynamic Networks. , 2016, , .		3
85	A wireless vehicular traffic service management scheme. , 2016, , .		0
86	An automatic layout faults detection technique in responsive web pages considering JavaScript defined dynamic layouts. , 2016, , .		2
87	Parallel matricization for n-D array operations. , 2016, , .		0
88	An Energy-Efficient and Self-Regioning Based RPL for Low-Power and Lossy Networks. , 2016, , .		12
89	On Accessing Heterogeneous Data Items Using Network Coding in Wireless Broadcast. , 2016, , .		0
90	An expedite group key establishment protocol for Flying Ad-Hoc Network(FANET). , 2016, , .		7

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91	Simulation study of routing attacks under network coding environment. , 2016, , .		2
92	Tight bounds on the Laplace transform of interference in a poisson hole process. , 2016, , .		7
93	Delay efficient software defined networking based architecture for vehicular networks. , 2016, , .		29
94	An IoT-oriented data storage framework in smart city applications. , 2016, , .		10
95	Modeling and Performance Analysis of Clustered Device-to-Device Networks. IEEE Transactions on Wireless Communications, 2016, , 1-1.	9.2	143
96	Efficient data dissemination in cooperative multi-RSU Vehicular Ad Hoc Networks (VANETs). Journal of Systems and Software, 2016, 117, 508-527.	4.5	76
97	Radio Resource Allocation for D2D-Enabled Massive Machine Communication in the 5G Era. , 2016, , .		6
98	A Cloud-Based Network Architecture for Big Data Services. , 2016, , .		2
99	Information epidemics control for data delivery in opportunistic networks. , 2016, , .		7
100	Poisson Hole Process: Theory and Applications to Wireless Networks. IEEE Transactions on Wireless Communications, 2016, 15, 7531-7546.	9.2	93
101	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
102	On Efficient Data Dissemination Using Network Coding in Multi-RSU Vehicular Ad Hoc Networks. , 2016, , .		8
103	k-Closest coverage probability and area spectral efficiency in clustered D2D networks. , 2016, , .		5
104	An Energy-Efficient Region-Based RPL Routing Protocol for Low-Power and Lossy Networks. IEEE Internet of Things Journal, 2016, 3, 1319-1333.	8.7	74
105	A Reliable and Energy-efficient Opportunistic Routing Protocol for Dense Lossy Networks. IEEE Wireless Communications Letters, 2016, , 1-1.	5.0	6
106	A Secure and Authenticated Key Management Protocol (SA-KMP) for Vehicular Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 9570-9584.	6.3	46
107	Network Coding Based BSM Broadcasting at Road Intersection in V2V Communication. , 2016, , .		7
108	Virtual overhearing: An effective way to increase network coding opportunities in wireless ad-hoc networks. Computer Networks, 2016, 105, 111-123.	5.1	6

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109	Fundamentals of Cluster-Centric Content Placement in Cache-Enabled Device-to-Device Networks. IEEE Transactions on Communications, 2016, 64, 2511-2526.	7.8	93
110	Two-Phase Cooperative Broadcasting Based on Batched Network Code. IEEE Transactions on Communications, 2016, 64, 706-714.	7.8	18
111	The non-aqueous synthesis of shape controllable Cu ₂ S plasmonic nanostructures in a continuous-flow microfluidic chip for the generation of photo-induced heating. Nanoscale, 2016, 8, 6609-6622.	5.6	24
112	Miniaturized Fluidic Devices and Their Biophotonic Applications. , 2016, , 1-47.		2
113	Coverage and Area Spectral Efficiency of Clustered Device-to-Device Networks. , 2015, , .		12
114	WSN-based energy-efficient data communication protocol for smart green building environment. , 2015, , .		3
115	Interference-aware resource allocation for device-to-device communications in cellular networks. , 2015, , .		6
116	Protection strategies against cascading failure for Singapore transmission grid. , 2015, , .		0
117	Performance Analysis of Network Coding With Virtual Overhearing in Wireless Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 2051-2061.	6.3	5
118	Fundamentals of Cluster-Centric Content Placement in Device-to-Device Networks. , 2015, , .		2
119	A Review of Group Mobility Models for Mobile Ad Hoc Networks. Wireless Personal Communications, 2015, 85, 1317-1331.	2.7	21
120	Cooperative quadrature physical layer network coding in wireless relay networks. International Journal of Communication Systems, 2015, 28, 112-126.	2.5	4
121	Hybrid division duplex for HetNets: Coordinated interference management with uplink power control. , 2015, , .		6
122	Cluster-parent based RPL for Low-Power and Lossy Networks in building environment. , 2015, , .		5
123	A survey of inter-flow network coding in wireless mesh networks with unicast traffic. Computer Networks, 2015, 91, 738-751.	5.1	26
124	Secure Public Key Regime (SPKR) in vehicular networks. , 2015, , .		3
125	Cluster-Based WSN Routing Protocol for Smart Buildings. , 2015, , .		1
126	Performance Improvement of Delay-Tolerant Networks with Mobility Control under Group Mobility. KSII Transactions on Internet and Information Systems, 2015, 9, .	0.3	0

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127	Dynamic Interference Mitigation in Two Tier HetNets: Modeling and Analysis. , 2014, , .		2
128	A neighborhood connectivity-based trust scheme to identify active black hole attacks. , 2014, , .		1
129	Combined orthogonal physical-layer network coding over fading two-way relay channels. International Journal of Communication Systems, 2014, 27, 4265-4279.	2.5	6
130	Markov analysis of modulation & coding schemes in OFDMA networks. , 2014, , .		0
131	Effect of time frame duration and collision on the performance of OFDMA-based cognitive radio network. , 2014, , .		0
132	Poster: Trust-based routing with neighborhood connectivity to prevent single and colluded active black hole. , 2014, , .		1
133	Harnessing the High Bandwidth of Multiradio Multichannel 802.11n Mesh Networks. IEEE Transactions on Mobile Computing, 2014, 13, 448-456.	5.8	15
134	Hybrid opportunistic routing in highly dynamic MANET. , 2014, , .		4
135	Coverage and Area Spectral Efficiency of Clustered Device-to-Device Networks. , 2014, , .		5
136	Leader Based Group Routing in Disconnected Mobile Ad Hoc Networks with Group Mobility. Wireless Personal Communications, 2013, 71, 2003-2021.	2.7	9
137	Routing strategy in disconnected mobile ad hoc networks with group mobility. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, .	2.4	6
138	CEO: Consistency of Encoding and Overhearing in Network Coding-Aware Routing. IEEE Wireless Communications Letters, 2013, 2, 187-190.	5.0	7
139	Hybrid routing in lossy link mobile ad hoc networks. , 2013, , .		0
140	Optimal relay node placement in wireless sensor network for smart buildings metering and control. , 2013, , .		0
141	Combined orthogonal physical-layer network coding (COPNC) for asymmetric two-way relay channels. , 2013, , .		1
142	Performance of physical-layer network coding in asymmetric two-way relay channels. China Communications, 2013, 10, 65-73.	3.2	8
143	Cubic-based 3-D localization for wireless sensor networks. , 2013, , .		1
144	Purpose-movement assisted routing for group mobility in disconnected mobile ad hoc networks. , 2012, , .		0

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145	A Performance Comparison of Flat and Cluster Based Routings in Mobile Ad Hoc Networks. International Journal of Wireless Information Networks, 2012, 19, 122-137.	2.7	7
146	Performance Comparison of Time Slot Allocation Schemes in TDD-CDMA Multihop Cellular Networks. Wireless Personal Communications, 2012, 62, 557-576.	2.7	1
147	A Grid-Based Localization Technique for Forest Fire Surveillance in Wireless Sensor Networks. , 2012, , 562-577.		0
148	Real-life experiments of Multi-Radio Multi-Channel wireless mesh networks: 802.11n is not any better than 802.11a!. , 2011, , .		1
149	Improved medium access control schemes for TDD-CDMA multihop cellular networks. , 2011, , .		1
150	Technologies for green radio communication networks. IEEE Wireless Communications, 2011, 18, 8-9.	9.0	4
151	G-ER: Group-epidemic routing for mobile ad hoc networks with buffer sharing mechanism. , 2011, , .		3
152	Routing performance of mobile ad hoc network in urban street-grid environment using non-line-of-sight propagation model. , 2011, , .		1
153	Performance analysis of multihop cellular network with fixed channel assignment. Wireless Networks, 2010, 16, 511-526.	3.0	11
154	Performance Investigation of CDMA/PRMA with Imperfect Power Control in TDD Cellular Systems. Wireless Personal Communications, 2010, 54, 349-360.	2.7	0
155	Distributed RSSI-sharing for two-way ranging base station selection. , 2010, , .		0
156	Performance comparison of CSMA/CD, CSMA/CA, CSMA/RI, CSMA/PRI and CSMA/PR with BEB. , 2010, , .		4
157	Routing for group mobility in mobile ad hoc networks with delay-tolerant approach. , 2010, , .		2
158	A Simple Grid-Based Localization Technique in Wireless Sensor Networks for Forest Fire Detection. , 2010, , .		8
159	Design and Implementation of a Centralized Sensor Protocol for Information via Negotiation. , 2010, , .		1
160	Opportunistic Relay Selection in Future Green Multihop Cellular Networks. , 2010, , .		3
161	Performance of dynamic channel assignment in multihop cellular networks with the effect of mobile density and transmission range. , 2009, , .		0
162	Design of applications on Ultra-Wideband Real-Time Locating System. , 2009, , .		6

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163	Uplink capacity analysis for multihop TDD-CDMA cellular system. IEEE Transactions on Communications, 2009, 57, 509-519.	7.8	13
164	Simulation Study of the SIR in Mobile Ad-Hoc Networks. Wireless Personal Communications, 2009, 48, 239-245.	2.7	1
165	Performance Comparison of Flat and Cluster-Based Hierarchical Ad Hoc Routing with Entity and Group Mobility. , 2009, , .		32
166	Evaluation of performance on random back-off interval and multi-channel CSMA/CA protocols. , 2009, , .		5
167	A medium access control scheme for TDD-CDMA cellular networks with two-hop relay architecture. IEEE Transactions on Wireless Communications, 2009, 8, 2280-2285.	9.2	2
168	Energy consumption in TDD-CDMA multihop cellular networks. , 2009, , .		3
169	Asymmetric FCA for Downlink and Uplink Transmission in Clustered Multihop Cellular Network. Wireless Personal Communications, 2008, 44, 341-360.	2.7	1
170	Capacity optimizing channel allocation schemes for multi-service cellular systems with mobile users. Wireless Communications and Mobile Computing, 2008, 8, 435-448.	1.2	0
171	A dynamic channel assignment scheme for clustered multihop cellular networks. Wireless Communications and Mobile Computing, 2008, 8, 845-856.	1.2	5
172	Performance analysis of microcell/macrocell with reuse partitioning in TDMA-based cellular systems. International Journal of Communication Systems, 2008, 21, 923-954.	2.5	0
173	Multihop cellular networks: Technology and economics. Computer Networks, 2008, 52, 1825-1837.	5.1	69
174	Solutions for the "Silent Node" Problem in an Automatic Meter Reading System Using Power-Line Communications. IEEE Transactions on Power Delivery, 2008, 23, 150-156.	4.3	32
175	Performance of Efficient CBRP in Mobile Ad Hoc Networks (MANETS). , 2008, , .		19
176	Dynamic Channel Assignment for Multihop Cellular Networks with Any Reuse Factor. IEEE Communications Letters, 2008, 12, 346-348.	4.1	2
177	Performance of fixed channel assignment for uplink transmission and Direct Peer-to-Peer Communications in multihop cellular networks. , 2008, , .		0
178	High-Speed Multimedia Services for TDD-CDMA Multihop Cellular Networks (Invited). , 2008, , .		1
179	A Dynamic Channel Assignment Scheme for TDMA-based Multihop Cellular Networks. IEEE Transactions on Wireless Communications, 2008, 7, 1999-2003.	9.2	16
180	Performance study of packet-switched TDD-CDMA multihop cellular networks. , 2008, , .		0

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181	Performance investigation of CDMA/PRMA with power control in TDD multimedia cellular networks. , 2008, , .		0
182	Time Slot Allocation Schemes for Multihop TDD-CDMA Cellular System. , 2007, , .		10
183	Simulation study of some PRMA-based protocols with channel reservation for data traffic. International Journal of Ad Hoc and Ubiquitous Computing, 2007, 2, 167.	0.5	0
184	Technologies in Multihop Cellular Networks [Guest Editorial]. , 2007, 45, 64-65.		23
185	A Dynamic Channel Assignment Scheme for TDMA-Based Multihop Cellular Networks. , 2007, , .		3
186	Design and implementation of a UWB peer-to-peer communication network. , 2007, , .		1
187	Dynamic Channel Assignment with Flexible Reuse Partitioning in Cellular Systems. Wireless Personal Communications, 2007, 42, 161-183.	2.7	7
188	An efficient clustering scheme for large and dense mobile ad hoc networks (MANETs). Computer Communications, 2006, 30, 5-16.	5.1	51
189	Cross Time Slot Capacity Analysis for Uplink Transmission in Multihop Cellular System. , 2006, , .		3
190	Performance of Microcell/Macrocell cellular systems with reuse partitioning. , 2006, , .		1
191	WLC20-6: A Fixed Channel Assignment Scheme for Multihop Cellular Network. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	8
192	Capacity improvement with dynamic channel assignment and reuse partitioning in cellular systems. Journal of Communications and Networks, 2006, 8, 13-20.	2.6	1
193	Capacity optimizing channel allocation scheme supporting multiple services with mobile users in cellular system. , 2005, , .		1
194	Dynamic channel partitioning with flexible channel combination for TDMA-based cellular systems. IEEE Transactions on Wireless Communications, 2005, 4, 2095-2099.	9.2	5
195	A survey of clustering schemes for mobile ad hoc networks. IEEE Communications Surveys and Tutorials, 2005, 7, 32-48.	39.4	687
196	Simulation study of some PRMA-based protocols with channel reservation for data traffic. , 2005, , .		2
197	Cross time slot capacity analysis for TDD CDMA cellular system uplink transmission. , 2005, , .		0
198	Capacity optimizing channel allocation schemes for multi-service cellular systems. International Journal of Communication Systems, 2004, 17, 575-590.	2.5	5

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199	Design and implementation of user interface for mobile devices. IEEE Transactions on Consumer Electronics, 2004, 50, 1156-1161.	3.6	27
200	Performance of Reuse Partitioning in Cellular Systems with Mobile Users. International Journal of Wireless Information Networks, 2003, 10, 17-31.	2.7	16
201	Capacity improvement in cellular systems with dynamic channel assignment and reuse partitioning. , 2003, , .		6
202	Capacity improvement in cellular systems with reuse partitioning. Journal of Communications and Networks, 2001, 3, 1-8.	2.6	10
203	A Network-Based Dynamic Channel Assignment Scheme for TDMA Cellular Systems. International Journal of Wireless Information Networks, 2001, 8, 155-165.	2.7	21
204	NCFSK bit-error rate with unsynchronized slowly fading interferers. IEEE Transactions on Communications, 2001, 49, 272-281.	7.8	4
205	Performance of Dynamic Channel Assignment for PRMA Protocols for Packet Switched TDMA Cellular Systems. , 2000, , 135-146.		0
206	Design and implementation of bluetooth energy meter. , 0, , .		45
207	The effect of code-multiplexing on the high speed downlink packet access (HSDPA) in a WCDMA network. , 0, , .		11
208	Performance study of GPRS/EDGE systems for voice and data transmission in cellular systems. , 0, , .		1
209	Embedded human interface device for voice and data communication. , 0, , .		0
210	Design & implementation of user interface for mobile devices. , 0, , .		3
211	Energy performance in TDD-CDMA multi-hop cellular networks. , 0, , 309-330.		0
212	MONET Special Issue on Towards Future Ad Hoc Networks: Technologies and Applications (II). Mobile Networks and Applications, 0, , 1.	3.3	0