

Chadi M Assi

List of Publications by Year in descending order

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218
papers

6,662
citations

71102

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219
all docs

219
docs citations

219
times ranked

6037
citing authors

#	ARTICLE	IF	CITATIONS
1	Vehicle-Assisted RSU Caching Using Deep Reinforcement Learning. IEEE Transactions on Emerging Topics in Computing, 2024, , 1-1.	4.6	11
2	Inferring and Investigating IoT-Generated Scanning Campaigns Targeting a Large Network Telescope. IEEE Transactions on Dependable and Secure Computing, 2022, 19, 402-418.	5.4	20
3	On Ransomware Family Attribution Using Pre-Attack Paranoia Activities. IEEE Transactions on Network and Service Management, 2022, 19, 19-36.	4.9	16
4	A Data Driven Performance Analysis Approach for Enhancing the QoS of Public Charging Stations. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 11116-11125.	8.0	8
5	Assisting Residential Distribution Grids in Overcoming Large-Scale EV Preconditioning Load. IEEE Systems Journal, 2022, 16, 4345-4355.	4.6	10
6	Reconfigurable Intelligent Surface Enabled Full-Duplex/Half-Duplex Cooperative Non-Orthogonal Multiple Access. IEEE Transactions on Wireless Communications, 2022, 21, 3349-3364.	9.2	32
7	Optimizing Information Freshness for MEC-Enabled Cooperative Autonomous Driving. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 13127-13140.	8.0	14
8	Power jacking your station: In-depth security analysis of electric vehicle charging station management systems. Computers and Security, 2022, 112, 102511.	6.0	26
9	Joint Resource Allocation and Phase Shift Optimization for RIS-Aided eMBB/URLLC Traffic Multiplexing. IEEE Transactions on Communications, 2022, 70, 1304-1319.	7.8	32
10	Real-Time Status Updates in Wireless HARQ With Imperfect Feedback Channel. IEEE Transactions on Wireless Communications, 2022, 21, 4212-4226.	9.2	1
11	Minimizing Age of Information in Multiaccess-Edge-Computing-Assisted IoT Networks. IEEE Internet of Things Journal, 2022, 9, 13052-13066.	8.7	8
12	RIS-Assisted Joint Transmission in a Two-Cell Downlink NOMA Cellular System. IEEE Journal on Selected Areas in Communications, 2022, 40, 1270-1286.	14.0	33
13	Reconfigurable Intelligent Surface Enabled Vehicular Communication: Joint User Scheduling and Passive Beamforming. IEEE Transactions on Vehicular Technology, 2022, 71, 2333-2345.	6.3	38
14	Joint Clustering and Power Allocation in Coordinated Multipoint Assisted C-NOMA Cellular Networks. IEEE Transactions on Communications, 2022, 70, 3483-3498.	7.8	13
15	Enabling URLLC Applications Through Reconfigurable Intelligent Surfaces: Challenges and Potential. IEEE Internet of Things Magazine, 2022, 5, 130-135.	2.6	5
16	EVOLIoT. , 2022, , .		5
17	CoMP-Assisted NOMA and Cooperative NOMA in Indoor VLC Cellular Systems. IEEE Transactions on Communications, 2022, 70, 6020-6034.	7.8	18
18	Scheduling of Low Latency Services in Softwarized Networks. IEEE Transactions on Cloud Computing, 2021, 9, 1220-1235.	4.4	12

#	ARTICLE	IF	CITATIONS
19	Leveraging UAVs for Coverage in Cell-Free Vehicular Networks: A Deep Reinforcement Learning Approach. IEEE Transactions on Mobile Computing, 2021, 20, 2835-2847.	5.8	59
20	Autonomous UAV Trajectory for Localizing Ground Objects: A Reinforcement Learning Approach. IEEE Transactions on Mobile Computing, 2021, 20, 1312-1324.	5.8	72
21	Reconfigurable Intelligent Surface Assisted Coordinated Multipoint in Downlink NOMA Networks. IEEE Communications Letters, 2021, 25, 632-636.	4.1	48
22	UAV-Assisted Content Delivery in Intelligent Transportation Systems-Joint Trajectory Planning and Cache Management. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5155-5167.	8.0	68
23	A Cyber Attack Mitigation Scheme for Series Compensated DFIG-Based Wind Parks. IEEE Transactions on Smart Grid, 2021, 12, 5221-5232.	9.0	14
24	Joint Routing and Scheduling of Mobile Charging Infrastructure for V2V Energy Transfer. IEEE Transactions on Intelligent Vehicles, 2021, 6, 736-746.	12.7	16
25	Measurements-Based Channel Models for Indoor LiFi Systems. IEEE Transactions on Wireless Communications, 2021, 20, 827-842.	9.2	37
26	Delay-Sensitive Multi-Source Multicast Resource Optimization in NFV-Enabled Networks: A Column Generation Approach. IEEE Transactions on Network and Service Management, 2021, 18, 286-300.	4.9	16
27	Power Allocation in CoMP-Empowered C-NOMA Networks. IEEE Networking Letters, 2021, 3, 10-14.	1.9	8
28	Optimizing Age of Information Through Aerial Reconfigurable Intelligent Surfaces: A Deep Reinforcement Learning Approach. IEEE Transactions on Vehicular Technology, 2021, 70, 3978-3983.	6.3	86
29	A Tale of Two Entities. ACM Transactions on Internet of Things, 2021, 2, 1-21.	4.6	17
30	Cascaded Artificial Neural Networks for Proactive Power Allocation in Indoor LiFi Systems. , 2021, , .		0
31	A Multi-Dimensional Deep Learning Framework for IoT Malware Classification and Family Attribution. IEEE Transactions on Network and Service Management, 2021, 18, 1165-1177.	4.9	40
32	Multihop V2U Path Availability Analysis in UAV-Assisted Vehicular Networks. IEEE Internet of Things Journal, 2021, 8, 10745-10754.	8.7	23
33	Joint Scheduling of eMBB and URLLC Services in RIS-Aided Downlink Cellular Networks. , 2021, , .		4
34	Invoking Deep Learning for Joint Estimation of Indoor LiFi User Position and Orientation. IEEE Journal on Selected Areas in Communications, 2021, 39, 2890-2905.	14.0	22
35	A Two-Stage Protection Method for Detection and Mitigation of Coordinated EVSE Switching Attacks. IEEE Transactions on Smart Grid, 2021, 12, 4377-4388.	9.0	18
36	A Strings-Based Similarity Analysis Approach for Characterizing IoT Malware and Inferring Their Underlying Relationships. IEEE Networking Letters, 2021, 3, 161-165.	1.9	16

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37	A cooperative approach for content caching and delivery in UAV-assisted vehicular networks. Vehicular Communications, 2021, 32, 100391.	4.0	6
38	UAV-Aided Ultra-Reliable Low-Latency Computation Offloading in Future IoT Networks. IEEE Transactions on Communications, 2021, 69, 6838-6851.	7.8	34
39	A Downlink Puncturing Scheme for Simultaneous Transmission of URLLC and eMBB Traffic by Exploiting Data Similarity. IEEE Transactions on Vehicular Technology, 2021, 70, 13087-13100.	6.3	11
40	Latency and Reliability Aware Edge Computation Offloading via an Intelligent Reflecting Surface. IEEE Communications Letters, 2021, 25, 3947-3951.	4.1	19
41	UAV Trajectory Planning for Data Collection from Time-Constrained IoT Devices. IEEE Transactions on Wireless Communications, 2020, 19, 34-46.	9.2	238
42	Secrecy Performance of the MIMO VLC Wiretap Channel With Randomly Located Eavesdropper. IEEE Transactions on Wireless Communications, 2020, 19, 265-278.	9.2	16
43	An Extension to the Precision Time Protocol (PTP) to Enable the Detection of Cyber Attacks. IEEE Transactions on Industrial Informatics, 2020, 16, 18-27.	11.3	30
44	Revenue-driven video delivery in vehicular networks with optimal resource scheduling. Vehicular Communications, 2020, 23, 100215.	4.0	7
45	Reliability-Aware Service Function Chaining With Function Decomposition and Multipath Routing. IEEE Transactions on Network and Service Management, 2020, 17, 835-848.	4.9	38
46	CASes: Concurrent Contingency Analysis-Based Security Metric Deployment for the Smart Grid. IEEE Transactions on Smart Grid, 2020, 11, 2676-2687.	9.0	15
47	Reliability-Aware Multi-Source Multicast Hybrid Routing in Softwarized Networks. IEEE Access, 2020, 8, 113331-113341.	4.2	9
48	Stochastic Modeling, Analysis and Investigation of IoT-Generated Internet Scanning Activities. IEEE Networking Letters, 2020, 2, 159-163.	1.9	8
49	Delay-Aware Multi-Source Multicast Resource optimization in NFV-Enabled Network. , 2020, , .		5
50	Impact Analysis of Level 2 EV Chargers on Residential Power Distribution Grids. , 2020, , .		14
51	A Low-Complexity Approach for Sum-Rate Maximization in Cooperative NOMA Enhanced Cellular Networks. , 2020, , .		3
52	CoMP Transmission in Downlink NOMA-Based Heterogeneous Cloud Radio Access Networks. IEEE Transactions on Communications, 2020, 68, 7779-7794.	7.8	40
53	Age of Information Aware Trajectory Planning of UAVs in Intelligent Transportation Systems: A Deep Learning Approach. IEEE Transactions on Vehicular Technology, 2020, 69, 12382-12395.	6.3	83
54	Exploiting Antenna Diversity to Enhance Hybrid Cooperative Non-Orthogonal Multiple Access. IEEE Communications Letters, 2020, 24, 2936-2940.	4.1	1

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55	A Low-Complexity Framework for Joint User Pairing and Power Control for Cooperative NOMA in 5G and Beyond Cellular Networks. IEEE Transactions on Communications, 2020, 68, 6737-6749.	7.8	42
56	Demand-Aware Provisioning of Electric Vehicles Fast Charging Infrastructure. IEEE Transactions on Vehicular Technology, 2020, 69, 6952-6963.	6.3	27
57	A Framework for Unsupervised Planning of Cellular Networks Using Statistical Machine Learning. IEEE Transactions on Communications, 2020, 68, 3213-3228.	7.8	4
58	A Detailed Security Assessment of the EV Charging Ecosystem. IEEE Network, 2020, 34, 200-207.	6.9	53
59	Exploiting the Vulnerability of Relative Data Alignment in Phasor Data Concentrators to Time Synchronization Attacks. IEEE Transactions on Smart Grid, 2020, 11, 2541-2551.	9.0	16
60	Modeling and Delay Analysis of Intermittent V2U Communication in Secluded Areas. IEEE Transactions on Wireless Communications, 2020, 19, 3228-3240.	9.2	12
61	Detection and Mitigation of Cyber Attacks on Voltage Stability Monitoring of Smart Grids. IEEE Transactions on Smart Grid, 2020, 11, 5227-5238.	9.0	28
62	Trajectory Planning of Multiple DroneCells in Vehicular Networks: A Reinforcement Learning Approach. IEEE Networking Letters, 2020, 2, 14-18.	1.9	21
63	An Infrastructure-Assisted Workload Scheduling for Computational Resources Exploitation in the Fog-Enabled Vehicular Network. IEEE Internet of Things Journal, 2020, 7, 5021-5032.	8.7	28
64	Optimal Scheduling of EV Charging at a Solar Power-Based Charging Station. IEEE Systems Journal, 2020, 14, 4221-4231.	4.6	55
65	Physical Layer Security for Visible Light Communication Systems: A Survey. IEEE Communications Surveys and Tutorials, 2020, 22, 1887-1908.	39.4	115
66	A Joint CoMP C-NOMA for Enhanced Cellular System Performance. IEEE Communications Letters, 2020, 24, 1919-1923.	4.1	21
67	Routing and Scheduling of Mobile EV Chargers for Vehicle to Vehicle (V2V) Energy Transfer. , 2020, , .		6
68	Online Altitude Control and Scheduling Policy for Minimizing AoI in UAV-assisted IoT Wireless Networks. IEEE Transactions on Mobile Computing, 2020, , 1-1.	5.8	34
69	Impact Analysis of EV Preconditioning on the Residential Distribution Network. , 2020, , .		4
70	Scheduling the Operation of a Connected Vehicular Network Using Deep Reinforcement Learning. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 1669-1682.	8.0	57
71	Bidirectional Optical Spatial Modulation for Mobile Users: Toward a Practical Design for LiFi Systems. IEEE Journal on Selected Areas in Communications, 2019, 37, 2069-2086.	14.0	48
72	MIMO System with Multi-Directional Receiver in Optical Wireless Communications. , 2019, , .		13

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73	Workload Scheduling in Vehicular Networks With Edge Cloud Capabilities. IEEE Transactions on Vehicular Technology, 2019, 68, 8472-8486.	6.3	53
74	Joint Optimization of UAV Trajectory and Radio Resource Allocation for Drive-Thru Vehicular Networks. , 2019, , .		14
75	Latency and Reliability-Aware Workload Assignment in IoT Networks With Mobile Edge Clouds. IEEE Transactions on Network and Service Management, 2019, 16, 1435-1449.	4.9	32
76	Macro-Cell Assisted Task Offloading in MEC-Based Heterogeneous Networks With Wireless Backhaul. IEEE Transactions on Network and Service Management, 2019, 16, 1754-1767.	4.9	25
77	Trajectory Planning and Resource Allocation of Multiple UAVs for Data Delivery in Vehicular Networks. IEEE Networking Letters, 2019, 1, 107-110.	1.9	30
78	A Spectrally Efficient Uplink Transmission Scheme Exploiting Similarity Among Short Bit Blocks. IEEE Transactions on Communications, 2019, 67, 7114-7125.	7.8	1
79	SNR Statistics of Indoor Mobile VLC Users with Random Device Orientation. , 2019, , .		16
80	Joint Location and Beamforming Design for Cooperative UAVs With Limited Storage Capacity. IEEE Transactions on Communications, 2019, 67, 8112-8123.	7.8	19
81	Optimized Provisioning of Edge Computing Resources With Heterogeneous Workload in IoT Networks. IEEE Transactions on Network and Service Management, 2019, 16, 459-474.	4.9	75
82	Joint Optimization of Computational Cost and Devices Energy for Task Offloading in Multi-Tier Edge-Clouds. IEEE Transactions on Communications, 2019, 67, 3407-3421.	7.8	75
83	Modeling and Performance Analysis of UAV-Assisted Vehicular Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 8384-8396.	6.3	57
84	Dynamic Task Offloading and Scheduling for Low-Latency IoT Services in Multi-Access Edge Computing. IEEE Journal on Selected Areas in Communications, 2019, 37, 668-682.	14.0	233
85	Software Defined Networks-Based Smart Grid Communication: A Comprehensive Survey. IEEE Communications Surveys and Tutorials, 2019, 21, 2637-2670.	39.4	141
86	Automated Post-Failure Service Restoration in Smart Grid Through Network Reconfiguration in the Presence of Energy Storage Systems. IEEE Systems Journal, 2019, 13, 3358-3367.	4.6	23
87	Joint Beamforming and Location Optimization for Cooperative Content-Aware UAVs. , 2019, , .		8
88	Energy-Aware Mapping and Scheduling of Network Flows With Deadlines on VNFs. IEEE Transactions on Green Communications and Networking, 2019, 3, 192-204.	5.5	14
89	UAV-Aided Projection-Based Compressive Data Gathering in Wireless Sensor Networks. IEEE Internet of Things Journal, 2019, 6, 1893-1905.	8.7	154
90	Securing the Precision Time Protocol (PTP) Against Fake Timestamps. IEEE Communications Letters, 2019, 23, 278-281.	4.1	8

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91	Big Data Sanitization and Cyber Situational Awareness: A Network Telescope Perspective. IEEE Transactions on Big Data, 2019, 5, 439-453.	6.1	8
92	Enhancing WAMS Communication Network Against Delay Attacks. IEEE Transactions on Smart Grid, 2019, 10, 2738-2751.	9.0	28
93	A Logic-Based Benders Decomposition Approach for the VNF Assignment Problem. IEEE Transactions on Cloud Computing, 2019, 7, 894-906.	4.4	18
94	A Reliability-aware Computation Offloading Solution via UAV-mounted Cloudlets. , 2019, , .		13
95	Modelling and Analysis of A Novel Deadline-Aware Scheduling Scheme for Cloud Computing Data Centers. IEEE Transactions on Cloud Computing, 2018, 6, 141-155.	4.4	11
96	Optimal Tree Construction Model for Cyber-Attacks to Wide Area Measurement Systems. IEEE Transactions on Smart Grid, 2018, 9, 25-34.	9.0	15
97	On the Achievable Secrecy Diversity of Cooperative Networks With Untrusted Relays. IEEE Transactions on Communications, 2018, 66, 39-53.	7.8	12
98	UAV-Aided Cooperation for FSO Communication Systems. IEEE Communications Magazine, 2018, 56, 70-75.	6.1	136
99	Critical Links Identification for Selective Outages in Interdependent Power-Communication Networks. IEEE Transactions on Industrial Informatics, 2018, 14, 472-483.	11.3	30
100	Reliability-Aware Service Chaining In Carrier-Grade Softwarized Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 558-573.	14.0	78
101	CSC-Detector: A System to Infer Large-Scale Probing Campaigns. IEEE Transactions on Dependable and Secure Computing, 2018, 15, 364-377.	5.4	7
102	Volt-VAR Control Through Joint Optimization of Capacitor Bank Switching, Renewable Energy, and Home Appliances. IEEE Transactions on Smart Grid, 2018, 9, 4077-4086.	9.0	48
103	A Detection and Mitigation Model for PTP Delay Attack in an IEC 61850 Substation. IEEE Transactions on Smart Grid, 2018, 9, 3954-3965.	9.0	58
104	Demand-Side Management by Regulating Charging and Discharging of the EV, ESS, and Utilizing Renewable Energy. IEEE Transactions on Industrial Informatics, 2018, 14, 117-126.	11.3	233
105	Data Collection in Wireless Sensor Networks Using UAV and Compressive Data Gathering. , 2018, , .		15
106	A Novel Cooperative NOMA in Wireless Backhaul Heterogeneous Networks. , 2018, , .		0
107	Secrecy Performance of Multi-User MISO VLC Broadcast Channels With Confidential Messages. IEEE Transactions on Wireless Communications, 2018, 17, 7789-7800.	9.2	30
108	A NOMA Scheme for a Two-User MISO Downlink Channel With Unknown CSIT. IEEE Transactions on Wireless Communications, 2018, 17, 6775-6789.	9.2	10

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109	A Novel Cooperative NOMA for Designing UAV-Assisted Wireless Backhaul Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 2497-2507.	14.0	62
110	A NOMA Scheme Exploiting Partial Similarity Among Users Bit Sequences. IEEE Transactions on Communications, 2018, , 1-1.	7.8	7
111	Designing Wireless Backhaul Heterogeneous Networks with Small Cell Buffering. IEEE Transactions on Communications, 2018, , 1-1.	7.8	10
112	Detecting Internet Abuse by Analyzing Passive DNS Traffic: A Survey of Implemented Systems. IEEE Communications Surveys and Tutorials, 2018, 20, 3389-3415.	39.4	31
113	Enhancing the Secrecy Performance of Gaussian MISO VLC Wiretap Channels with Randomly Located Eavesdroppers. , 2018, , .		2
114	Inferring, Characterizing, and Investigating Internet-Scale Malicious IoT Device Activities: A Network Telescope Perspective. , 2018, , .		17
115	A Novel Cooperative Non-Orthogonal Multiple Access (NOMA) in Wireless Backhaul Two-Tier HetNets. IEEE Transactions on Wireless Communications, 2018, 17, 4873-4887.	9.2	21
116	Optimal Supercharge Scheduling of Electric Vehicles: Centralized Versus Decentralized Methods. IEEE Transactions on Vehicular Technology, 2018, 67, 7896-7909.	6.3	36
117	Secrecy Rate Closed-Form Expressions for the SISO VLC Wiretap Channel With Discrete Input Signaling. IEEE Communications Letters, 2018, 22, 1382-1385.	4.1	15
118	Delay-Aware Flow Scheduling In Low Latency Enterprise Datacenter Networks: Modeling and Performance Analysis. IEEE Transactions on Communications, 2017, 65, 2078-2090.	7.8	15
119	Centralized and Distributed Energy Efficiency Designs in Wireless Backhaul HetNets. IEEE Transactions on Wireless Communications, 2017, 16, 4711-4726.	9.2	21
120	An Efficient Survivable Design With Bandwidth Guarantees for Multi-Tenant Cloud Networks. IEEE Transactions on Network and Service Management, 2017, 14, 357-372.	4.9	9
121	Optimal Energy Management and Marginal-Cost Electricity Pricing in Microgrid Network. IEEE Transactions on Industrial Informatics, 2017, 13, 3286-3298.	11.3	39
122	On managing interference in a one-dimensional space over time-invariant channels. , 2017, , .		4
123	Unmanned Aerial Vehicles as Store-Carry-Forward Nodes for Vehicular Networks. IEEE Access, 2017, 5, 23710-23718.	4.2	55
124	A Reliability-Aware Network Service Chain Provisioning With Delay Guarantees in NFV-Enabled Enterprise Datacenter Networks. IEEE Transactions on Network and Service Management, 2017, 14, 554-568.	4.9	137
125	A Reinforcement Learning Technique for Optimizing Downlink Scheduling in an Energy-Limited Vehicular Network. IEEE Transactions on Vehicular Technology, 2017, 66, 4592-4601.	6.3	66
126	Power control and clustering in heterogeneous cellular networks. Wireless Networks, 2017, 23, 2509-2520.	3.0	3

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127	Multihop V2I Communications: A Feasibility Study, Modeling, and Performance Analysis. IEEE Transactions on Vehicular Technology, 2017, 66, 2801-2810.	6.3	66
128	Restoration methods for cloud multicast virtual networks. Journal of Network and Computer Applications, 2017, 78, 180-190.	9.1	10
129	On the Interplay Between Network Function Mapping and Scheduling in VNF-Based Networks: A Column Generation Approach. IEEE Transactions on Network and Service Management, 2017, 14, 860-874.	4.9	38
130	Achieving Full Secure Degrees-of-Freedom for the MISO Wiretap Channel With an Unknown Eavesdropper. IEEE Transactions on Wireless Communications, 2017, 16, 7066-7079.	9.2	4
131	A Column Generation Method for Constructing and Scheduling Multiple Forwarding Trees in Wireless Sensor Networks. IEEE Transactions on Wireless Communications, 2016, 15, 6513-6523.	9.2	5
132	Network function virtualization scheduling with transmission delay optimization. , 2016, , .		23
133	Energy Efficiency with Adaptive Decoding Power and Wireless Backhaul Small Cell Selection. , 2016, , .		11
134	Cascading link failure analysis in interdependent networks for maximal outages in smart grid. , 2016, , .		3
135	On Jointly Constructing and Scheduling Multiple Forwarding Trees in Wireless Sensor Networks. , 2016, , .		0
136	Achieving energy-efficiency in two-tiers wireless backhaul HetNets. , 2016, , .		6
137	Reliability-aware service provisioning in NFV-enabled enterprise datacenter networks. , 2016, , .		23
138	Resource Allocation in Two-Tier Wireless Backhaul Heterogeneous Networks. IEEE Transactions on Wireless Communications, 2016, 15, 6690-6704.	9.2	35
139	Surviving Multiple Failures in Multicast Virtual Networks With Virtual Machines Migration. IEEE Transactions on Network and Service Management, 2016, 13, 899-912.	4.9	7
140	A Reliable Embedding Framework for Elastic Virtualized Services in the Cloud. IEEE Transactions on Network and Service Management, 2016, 13, 489-503.	4.9	23
141	Delay-Aware Scheduling and Resource Optimization With Network Function Virtualization. IEEE Transactions on Communications, 2016, 64, 3746-3758.	7.8	184
142	On the Interaction Between Scheduling and Compressive Data Gathering in Wireless Sensor Networks. IEEE Transactions on Wireless Communications, 2016, 15, 2845-2858.	9.2	37
143	Towards Promoting Backup-Sharing in Survivable Virtual Network Design. IEEE/ACM Transactions on Networking, 2016, 24, 3218-3231.	3.8	34
144	Security Assessment of Time Synchronization Mechanisms for the Smart Grid. IEEE Communications Surveys and Tutorials, 2016, 18, 1952-1973.	39.4	32

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145	A detection and mitigation model for PTP delay attack in a smart grid substation. , 2015, , .		8
146	Modelling of multi-hop inter-vehicular path formation for connecting far vehicles to RSUs. , 2015, , .		9
147	Vehicular networking: A survey on spectrum access technologies and persisting challenges. Vehicular Communications, 2015, 2, 125-149.	4.0	49
148	RAS: Reliable auto-scaling of virtual machines in multi-tenant cloud networks. , 2015, , .		10
149	A Time Series Approach for Inferring Orchestrated Probing Campaigns by Analyzing Darknet Traffic. , 2015, , .		12
150	Profiling-Based Indoor Localization Schemes. IEEE Systems Journal, 2015, 9, 76-85.	4.6	42
151	Modelling, analysis and performance improvement of an SRUâ€™s access request queue in multi-channel V2I communications. Pervasive and Mobile Computing, 2015, 21, 92-102.	3.3	2
152	MINTED: <i>M</i> ulticast <i>VI</i> rtual <i>N</i> eTwork <i>E</i> mboding in Cloud Data Centers With <i>D</i> elay Constraints. IEEE Transactions on Communications, 2015, 63, 1291-1305.	7.8	26
153	Network Coding-Aware Compressive Data Gathering for Energy-Efficient Wireless Sensor Networks. ACM Transactions on Sensor Networks, 2015, 11, 1-24.	3.6	5
154	Modeling and Performance Analysis of Medium Access Control Schemes for Drive-Thru Internet Access Provisioning Systems. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 3238-3248.	8.0	18
155	Distributed Real-Time Electricity Allocation Mechanism for Large Residential Microgrid. IEEE Transactions on Smart Grid, 2015, 6, 1353-1363.	9.0	60
156	Multicast Virtual Network Embedding in Cloud Data Centers with Delay Constraints. , 2014, , .		7
157	Compressive data gathering using random projection for energy efficient wireless sensor networks. Ad Hoc Networks, 2014, 16, 105-119.	5.5	54
158	Joint optimal AF relay assignment and power allocation in wireless cooperative networks. Computer Networks, 2014, 58, 58-69.	5.1	60
159	Modeling and Analysis of an Infrastructure Service Request Queue in Multichannel V2I Communications. IEEE Transactions on Intelligent Transportation Systems, 2014, 15, 1155-1167.	8.0	20
160	Understanding the benefits of successive interference cancellation in multi-rate multi-hop wireless networks. , 2014, , .		2
161	Inferring internet-scale infections by correlating malware and probing activities. , 2014, , .		7
162	A Distributed Method for Compressive Data Gathering in Wireless Sensor Networks. IEEE Communications Letters, 2014, 18, 624-627.	4.1	21

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163	Smart Microgrids: Optimal Joint Scheduling for Electric Vehicles and Home Appliances. IEEE Transactions on Smart Grid, 2014, 5, 239-250.	9.0	264
164	Cyber Scanning: A Comprehensive Survey. IEEE Communications Surveys and Tutorials, 2014, 16, 1496-1519.	39.4	127
165	On fingerprinting probing activities. Computers and Security, 2014, 43, 35-48.	6.0	31
166	A Novel Drive-Thru Internet Channel Access Scheme. IEEE Communications Letters, 2014, 18, 1047-1050.	4.1	0
167	Delay-Aware Data Delivery in Vehicular Intermittently Connected Networks. IEEE Transactions on Communications, 2013, 61, 1134-1143.	7.8	19
168	A systematic approach for detecting and clustering distributed cyber scanning. Computer Networks, 2013, 57, 3826-3839.	5.1	20
169	Modeling and Analysis of DSA-Based Vehicle-to-Infrastructure Communication Systems. IEEE Transactions on Intelligent Transportation Systems, 2013, 14, 1186-1196.	8.0	14
170	Modeling and Delay Analysis of a Retransmission-Based Bundle Delivery Scheme for Intermittent Roadside Communication Networks. IEEE Transactions on Intelligent Transportation Systems, 2013, 14, 700-708.	8.0	15
171	Impact of successive interference cancellation on the capacity of wireless networks: Joint optimal link scheduling and power control. , 2013, , .		4
172	A Probabilistic and Traffic-Aware Bundle Release Scheme for Vehicular Intermittently Connected Networks. IEEE Transactions on Communications, 2012, 60, 3396-3406.	7.8	5
173	Disruption-Tolerant Networking: A Comprehensive Survey on Recent Developments and Persisting Challenges. IEEE Communications Surveys and Tutorials, 2012, 14, 607-640.	39.4	279
174	A Simple Free-Flow Traffic Model for Vehicular Intermittently Connected Networks. IEEE Transactions on Intelligent Transportation Systems, 2012, 13, 1312-1326.	8.0	92
175	Modeling and Delay Analysis of Intermittently Connected Roadside Communication Networks. IEEE Transactions on Vehicular Technology, 2012, 61, 2698-2706.	6.3	35
176	A Probabilistic Bundle Relay Strategy in Two-Hop Vehicular Delay Tolerant Networks. , 2011, , .		5
177	Performance evaluation of backoff algorithms for medium access in wireless networks. , 2011, , .		1
178	On the Co-Existence of 10G-EPONs and WDM-PONs: A Scheduling and Bandwidth Allocation Approach. Journal of Lightwave Technology, 2011, 29, 1417-1426.	4.6	6
179	Probabilistic Bundle Relaying Schemes in Two-Hop Vehicular Delay Tolerant Networks. IEEE Communications Letters, 2011, 15, 281-283.	4.1	47
180	An efficient routing protocol for connecting vehicular networks to the Internet. Pervasive and Mobile Computing, 2011, 7, 98-113.	3.3	75

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181	Maximizing the Network Stability in Mobile WiMAX Mesh Networks. Mobile Networks and Applications, 2010, 15, 253-266.	3.3	4
182	Guest Editorial: Special Issue "SM 85-Wireless and Mobile Computing, Networking and Communications": Mobile Networks and Applications, 2010, 15, 187-190.	3.3	0
183	Efficient rate adaptation with QoS support in wireless networks. Ad Hoc Networks, 2010, 8, 119-133.	5.5	4
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