

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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85541

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all docs

219
docs citations

219
times ranked

6037
citing authors

#	ARTICLE	IF	CITATIONS
1	Disruption-Tolerant Networking: A Comprehensive Survey on Recent Developments and Persisting Challenges. IEEE Communications Surveys and Tutorials, 2012, 14, 607-640.	39.4	279
2	Smart Microgrids: Optimal Joint Scheduling for Electric Vehicles and Home Appliances. IEEE Transactions on Smart Grid, 2014, 5, 239-250.	9.0	264
3	UAV Trajectory Planning for Data Collection from Time-Constrained IoT Devices. IEEE Transactions on Wireless Communications, 2020, 19, 34-46.	9.2	238
4	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
5	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
6	Delay-Aware Scheduling and Resource Optimization With Network Function Virtualization. IEEE Transactions on Communications, 2016, 64, 3746-3758.	7.8	184
7	UAV-Aided Projection-Based Compressive Data Gathering in Wireless Sensor Networks. IEEE Internet of Things Journal, 2019, 6, 1893-1905.	8.7	154
8	Software Defined Networks-Based Smart Grid Communication: A Comprehensive Survey. IEEE Communications Surveys and Tutorials, 2019, 21, 2637-2670.	39.4	141
9	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
10	UAV-Aided Cooperation for FSO Communication Systems. IEEE Communications Magazine, 2018, 56, 70-75.	6.1	136
11	Cyber Scanning: A Comprehensive Survey. IEEE Communications Surveys and Tutorials, 2014, 16, 1496-1519.	39.4	127
12	Physical Layer Security for Visible Light Communication Systems: A Survey. IEEE Communications Surveys and Tutorials, 2020, 22, 1887-1908.	39.4	115
13	A Simple Free-Flow Traffic Model for Vehicular Intermittently Connected Networks. IEEE Transactions on Intelligent Transportation Systems, 2012, 13, 1312-1326.	8.0	92
14	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
15	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
16	Reliability-Aware Service Chaining In Carrier-Grade Softwarized Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 558-573.	14.0	78
17	An efficient routing protocol for connecting vehicular networks to the Internet. Pervasive and Mobile Computing, 2011, 7, 98-113.	3.3	75
18	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

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19	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
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	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
22	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
23	Multihop V2I Communications: A Feasibility Study, Modeling, and Performance Analysis. IEEE Transactions on Vehicular Technology, 2017, 66, 2801-2810.	6.3	66
24	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
25	Joint optimal AF relay assignment and power allocation in wireless cooperative networks. Computer Networks, 2014, 58, 58-69.	5.1	60
26	Distributed Real-Time Electricity Allocation Mechanism for Large Residential Microgrid. IEEE Transactions on Smart Grid, 2015, 6, 1353-1363.	9.0	60
27	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
28	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
29	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
30	Modeling and Performance Analysis of UAV-Assisted Vehicular Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 8384-8396.	6.3	57
31	Unmanned Aerial Vehicles as Store-Carry-Forward Nodes for Vehicular Networks. IEEE Access, 2017, 5, 23710-23718.	4.2	55
32	Optimal Scheduling of EV Charging at a Solar Power-Based Charging Station. IEEE Systems Journal, 2020, 14, 4221-4231.	4.6	55
33	Compressive data gathering using random projection for energy efficient wireless sensor networks. Ad Hoc Networks, 2014, 16, 105-119.	5.5	54
34	Workload Scheduling in Vehicular Networks With Edge Cloud Capabilities. IEEE Transactions on Vehicular Technology, 2019, 68, 8472-8486.	6.3	53
35	A Detailed Security Assessment of the EV Charging Ecosystem. IEEE Network, 2020, 34, 200-207.	6.9	53
36	Vehicular networking: A survey on spectrum access technologies and persisting challenges. Vehicular Communications, 2015, 2, 125-149.	4.0	49

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	Reconfigurable Intelligent Surface Assisted Coordinated Multipoint in Downlink NOMA Networks. IEEE Communications Letters, 2021, 25, 632-636.	4.1	48
40	Probabilistic Bundle Relaying Schemes in Two-Hop Vehicular Delay Tolerant Networks. IEEE Communications Letters, 2011, 15, 281-283.	4.1	47
41	Profiling-Based Indoor Localization Schemes. IEEE Systems Journal, 2015, 9, 76-85.	4.6	42
42	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
43	Enhancing IEEE 802.11 Random Backoff in Selfish Environments. IEEE Transactions on Vehicular Technology, 2008, 57, 1806-1822.	6.3	41
44	CoMP Transmission in Downlink NOMA-Based Heterogeneous Cloud Radio Access Networks. IEEE Transactions on Communications, 2020, 68, 7779-7794.	7.8	40
45	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
46	Optimal Energy Management and Marginal-Cost Electricity Pricing in Microgrid Network. IEEE Transactions on Industrial Informatics, 2017, 13, 3286-3298.	11.3	39
47	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
48	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
49	Reconfigurable Intelligent Surface Enabled Vehicular Communication: Joint User Scheduling and Passive Beamforming. IEEE Transactions on Vehicular Technology, 2022, 71, 2333-2345.	6.3	38
50	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
51	Measurements-Based Channel Models for Indoor LiFi Systems. IEEE Transactions on Wireless Communications, 2021, 20, 827-842.	9.2	37
52	Optimal Supercharge Scheduling of Electric Vehicles: Centralized Versus Decentralized Methods. IEEE Transactions on Vehicular Technology, 2018, 67, 7896-7909.	6.3	36
53	Modeling and Delay Analysis of Intermittently Connected Roadside Communication Networks. IEEE Transactions on Vehicular Technology, 2012, 61, 2698-2706.	6.3	35
54	Resource Allocation in Two-Tier Wireless Backhaul Heterogeneous Networks. IEEE Transactions on Wireless Communications, 2016, 15, 6690-6704.	9.2	35

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55	Towards Promoting Backup-Sharing in Survivable Virtual Network Design. IEEE/ACM Transactions on Networking, 2016, 24, 3218-3231.	3.8	34
56	UAV-Aided Ultra-Reliable Low-Latency Computation Offloading in Future IoT Networks. IEEE Transactions on Communications, 2021, 69, 6838-6851.	7.8	34
57	Online Altitude Control and Scheduling Policy for Minimizing Aol in UAV-assisted IoT Wireless Networks. IEEE Transactions on Mobile Computing, 2020, , 1-1.	5.8	34
58	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
59	Security Assessment of Time Synchronization Mechanisms for the Smart Grid. IEEE Communications Surveys and Tutorials, 2016, 18, 1952-1973.	39.4	32
60	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
61	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
62	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
63	Per-Stream QoS and Admission Control in Ethernet Passive Optical Networks (EPONs). Journal of Lightwave Technology, 2007, 25, 1659-1669.	4.6	31
64	On fingerprinting probing activities. Computers and Security, 2014, 43, 35-48.	6.0	31
65	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
66	Critical Links Identification for Selective Outages in Interdependent Power-Communication Networks. IEEE Transactions on Industrial Informatics, 2018, 14, 472-483.	11.3	30
67	Secrecy Performance of Multi-User MISO VLC Broadcast Channels With Confidential Messages. IEEE Transactions on Wireless Communications, 2018, 17, 7789-7800.	9.2	30
68	Trajectory Planning and Resource Allocation of Multiple UAVs for Data Delivery in Vehicular Networks. IEEE Networking Letters, 2019, 1, 107-110.	1.9	30
69	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
70	A Cooperative Approach for Analyzing Intrusions in Mobile Ad hoc Networks. , 2007, , .		28
71	Enhancing WAMS Communication Network Against Delay Attacks. IEEE Transactions on Smart Grid, 2019, 10, 2738-2751.	9.0	28
72	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

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73	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
74	Toward Quality of Service Protection in Ethernet Passive Optical Networks: Challenges and Solutions. IEEE Network, 2007, 21, 12-19.	6.9	27
75	Game theoretic models for detecting network intrusions. Computer Communications, 2008, 31, 1934-1944.	5.1	27
76	Demand-Aware Provisioning of Electric Vehicles Fast Charging Infrastructure. IEEE Transactions on Vehicular Technology, 2020, 69, 6952-6963.	6.3	27
77	MINTED: <i>M</i> ulticast <i>VI</i> rtual <i>N</i> eTwork <i>E</i> mbedding in Cloud Data Centers With <i>D</i> elay Constraints. IEEE Transactions on Communications. 2015, 63, 1291-1305.	7.8	26
78	Power jacking your station: In-depth security analysis of electric vehicle charging station management systems. Computers and Security, 2022, 112, 102511.	6.0	26
79	A lifetime-based routing protocol for connecting VANETs to the Internet. , 2009, , .		25
80	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
81	Adaptive Fairness through intra-ONU Scheduling for Ethernet Passive Optical Networks. , 2006, , .		24
82	Enhanced Per-Flow Admission Control and QoS Provisioning in IEEE 802.11e Wireless LANs. IEEE Transactions on Vehicular Technology, 2008, 57, 1077-1088.	6.3	24
83	Network function virtualization scheduling with transmission delay optimization. , 2016, , .		23
84	Reliability-aware service provisioning in NFV-enabled enterprise datacenter networks. , 2016, , .		23
85	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
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	Multihop V2U Path Availability Analysis in UAV-Assisted Vehicular Networks. IEEE Internet of Things Journal, 2021, 8, 10745-10754.	8.7	23
88	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
89	A Distributed Method for Compressive Data Gathering in Wireless Sensor Networks. IEEE Communications Letters, 2014, 18, 624-627.	4.1	21
90	Centralized and Distributed Energy Efficiency Designs in Wireless Backhaul HetNets. IEEE Transactions on Wireless Communications, 2017, 16, 4711-4726.	9.2	21

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91	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
92	Trajectory Planning of Multiple DroneCells in Vehicular Networks: A Reinforcement Learning Approach. IEEE Networking Letters, 2020, 2, 14-18.	1.9	21
93	A Joint CoMP C-NOMA for Enhanced Cellular System Performance. IEEE Communications Letters, 2020, 24, 1919-1923.	4.1	21
94	A systematic approach for detecting and clustering distributed cyber scanning. Computer Networks, 2013, 57, 3826-3839.	5.1	20
95	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
96	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
97	Delay-Aware Data Delivery in Vehicular Intermittently Connected Networks. IEEE Transactions on Communications, 2013, 61, 1134-1143.	7.8	19
98	Joint Location and Beamforming Design for Cooperative UAVs With Limited Storage Capacity. IEEE Transactions on Communications, 2019, 67, 8112-8123.	7.8	19
99	Latency and Reliability Aware Edge Computation Offloading via an Intelligent Reflecting Surface. IEEE Communications Letters, 2021, 25, 3947-3951.	4.1	19
100	Efficient Scheduling and Grant Sizing Methods for WDM PONs. Journal of Lightwave Technology, 2010, 28, 1922-1931.	4.6	18
101	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
102	A Logic-Based Benders Decomposition Approach for the VNF Assignment Problem. IEEE Transactions on Cloud Computing, 2019, 7, 894-906.	4.4	18
103	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
104	CoMP-Assisted NOMA and Cooperative NOMA in Indoor VLC Cellular Systems. IEEE Transactions on Communications, 2022, 70, 6020-6034.	7.8	18
105	QoS-aware middleware for web services composition: a qualitative approach. Enterprise Information Systems, 2009, 3, 449-470.	4.7	17
106	Inferring, Characterizing, and Investigating Internet-Scale Malicious IoT Device Activities: A Network Telescope Perspective. , 2018, , .		17
107	A Tale of Two Entities. ACM Transactions on Internet of Things, 2021, 2, 1-21.	4.6	17
108	SNR Statistics of Indoor Mobile VLC Users with Random Device Orientation. , 2019, , .		16

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109	Secrecy Performance of the MIMO VLC Wiretap Channel With Randomly Located Eavesdropper. IEEE Transactions on Wireless Communications, 2020, 19, 265-278.	9.2	16
110	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
111	On Ransomware Family Attribution Using Pre-Attack Paranoia Activities. IEEE Transactions on Network and Service Management, 2022, 19, 19-36.	4.9	16
112	Joint Routing and Scheduling of Mobile Charging Infrastructure for V2V Energy Transfer. IEEE Transactions on Intelligent Vehicles, 2021, 6, 736-746.	12.7	16
113	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
114	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
115	Alternate Strategies for Dual Failure Restoration Using p-Cycles. , 2006, , .		15
116	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
117	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
118	Optimal Tree Construction Model for Cyber-Attacks to Wide Area Measurement Systems. IEEE Transactions on Smart Grid, 2018, 9, 25-34.	9.0	15
119	Data Collection in Wireless Sensor Networks Using UAV and Compressive Data Gathering. , 2018, , .		15
120	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
121	CASes: Concurrent Contingency Analysis-Based Security Metric Deployment for the Smart Grid. IEEE Transactions on Smart Grid, 2020, 11, 2676-2687.	9.0	15
122	Modeling and Analysis of DSA-Based Vehicle-to-Infrastructure Communication Systems. IEEE Transactions on Intelligent Transportation Systems, 2013, 14, 1186-1196.	8.0	14
123	Joint Optimization of UAV Trajectory and Radio Resource Allocation for Drive-Thru Vehicular Networks. , 2019, , .		14
124	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
125	Impact Analysis of Level 2 EV Chargers on Residential Power Distribution Grids. , 2020, , .		14
126	A Cyber Attack Mitigation Scheme for Series Compensated DFIG-Based Wind Parks. IEEE Transactions on Smart Grid, 2021, 12, 5221-5232.	9.0	14

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127	Optimizing Information Freshness for MEC-Enabled Cooperative Autonomous Driving. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 13127-13140.	8.0	14
128	MIMO System with Multi-Directional Receiver in Optical Wireless Communications. , 2019, , .		13
129	A Reliability-aware Computation Offloading Solution via UAV-mounted Cloudlets. , 2019, , .		13
130	Joint Clustering and Power Allocation in Coordinated Multipoint Assisted C-NOMA Cellular Networks. IEEE Transactions on Communications, 2022, 70, 3483-3498.	7.8	13
131	Investigating the Performance of Power-Aware IEEE 802.11 in Multihop Wireless Networks. IEEE Transactions on Vehicular Technology, 2009, 58, 287-300.	6.3	12
132	A Time Series Approach for Inferring Orchestrated Probing Campaigns by Analyzing Darknet Traffic. , 2015, , .		12
133	On the Achievable Secrecy Diversity of Cooperative Networks With Untrusted Relays. IEEE Transactions on Communications, 2018, 66, 39-53.	7.8	12
134	Scheduling of Low Latency Services in Softwarized Networks. IEEE Transactions on Cloud Computing, 2021, 9, 1220-1235.	4.4	12
135	Modeling and Delay Analysis of Intermittent V2U Communication in Secluded Areas. IEEE Transactions on Wireless Communications, 2020, 19, 3228-3240.	9.2	12
136	Energy Efficiency with Adaptive Decoding Power and Wireless Backhaul Small Cell Selection. , 2016, , .		11
137	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
138	Vehicle-Assisted RSU Caching Using Deep Reinforcement Learning. IEEE Transactions on Emerging Topics in Computing, 2024, , 1-1.	4.6	11
139	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
140	RAS: Reliable auto-scaling of virtual machines in multi-tenant cloud networks. , 2015, , .		10
141	Restoration methods for cloud multicast virtual networks. Journal of Network and Computer Applications, 2017, 78, 180-190.	9.1	10
142	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
143	Designing Wireless Backhaul Heterogeneous Networks with Small Cell Buffering. IEEE Transactions on Communications, 2018, , 1-1.	7.8	10
144	Assisting Residential Distribution Grids in Overcoming Large-Scale EV Preconditioning Load. IEEE Systems Journal, 2022, 16, 4345-4355.	4.6	10

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145	Modelling of multi-hop inter-vehicular path formation for connecting far vehicles to RSUs. , 2015, , .		9
146	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
147	Reliability-Aware Multi-Source Multicast Hybrid Routing in Softwarized Networks. IEEE Access, 2020, 8, 113331-113341.	4.2	9
148	Maximum Network Lifetime in Interference-Aware WiMax/802.16 Mesh Centralized Scheduling. , 2008, , .		8
149	A detection and mitigation model for PTP delay attack in a smart grid substation. , 2015, , .		8
150	Joint Beamforming and Location Optimization for Cooperative Content-Aware UAVs. , 2019, , .		8
151	Securing the Precision Time Protocol (PTP) Against Fake Timestamps. IEEE Communications Letters, 2019, 23, 278-281.	4.1	8
152	Big Data Sanitization and Cyber Situational Awareness: A Network Telescope Perspective. IEEE Transactions on Big Data, 2019, 5, 439-453.	6.1	8
153	Stochastic Modeling, Analysis and Investigation of IoT-Generated Internet Scanning Activities. IEEE Networking Letters, 2020, 2, 159-163.	1.9	8
154	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
155	Power Allocation in CoMP-Empowered C-NOMA Networks. IEEE Networking Letters, 2021, 3, 10-14.	1.9	8
156	Minimizing Age of Information in Multiaccess-Edge-Computing-Assisted IoT Networks. IEEE Internet of Things Journal, 2022, 9, 13052-13066.	8.7	8
157	A Game Theoretic Model to Handle Network Intrusions over Multiple Packets. , 2006, , .		7
158	A Power Control Scheme for Directional MAC Protocols in MANET. , 2007, , .		7
159	Maximizing Network Stability in a Mobile WiMax/802.16 Mesh Centralized Scheduling. , 2008, , .		7
160	Multicast Virtual Network Embedding in Cloud Data Centers with Delay Constraints. , 2014, , .		7
161	Inferring internet-scale infections by correlating malware and probing activities. , 2014, , .		7
162	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

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163	CSC-Detector: A System to Infer Large-Scale Probing Campaigns. IEEE Transactions on Dependable and Secure Computing, 2018, 15, 364-377.	5.4	7
164	A NOMA Scheme Exploiting Partial Similarity Among Users Bit Sequences. IEEE Transactions on Communications, 2018, , 1-1.	7.8	7
165	Revenue-driven video delivery in vehicular networks with optimal resource scheduling. Vehicular Communications, 2020, 23, 100215.	4.0	7
166	Localized energy efficient routing in mobile ad hoc networks. Wireless Communications and Mobile Computing, 2007, 7, 781-793.	1.2	6
167	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
168	Achieving energy-efficiency in two-tiers wireless backhaul HetNets. , 2016, , .		6
169	A cooperative approach for content caching and delivery in UAV-assisted vehicular networks. Vehicular Communications, 2021, 32, 100391.	4.0	6
170	Routing and Scheduling of Mobile EV Chargers for Vehicle to Vehicle (V2V) Energy Transfer. , 2020, , .		6
171	Cross-Layer Cooperation to Handle MAC Misbehavior in Ad Hoc Networks. , 2006, , .		5
172	A Distributed Correlative Power Control Scheme for Mobile Ad hoc Networks using Prediction Filters. International Conference on Advanced Networking and Applications, 2007, , .	0.0	5
173	A Probabilistic Bundle Relay Strategy in Two-Hop Vehicular Delay Tolerant Networks. , 2011, , .		5
174	A Probabilistic and Traffic-Aware Bundle Release Scheme for Vehicular Intermittently Connected Networks. IEEE Transactions on Communications, 2012, 60, 3396-3406.	7.8	5
175	Network Coding-Aware Compressive Data Gathering for Energy-Efficient Wireless Sensor Networks. ACM Transactions on Sensor Networks, 2015, 11, 1-24.	3.6	5
176	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
177	Delay-Aware Multi-Source Multicast Resource optimization in NFV-Enabled Network. , 2020, , .		5
178	Enabling URLLC Applications Through Reconfigurable Intelligent Surfaces: Challenges and Potential. IEEE Internet of Things Magazine, 2022, 5, 130-135.	2.6	5
179	EVOLIoT. , 2022, , .		5
180	OLEAR: Optimal Localized Energy Aware Routing in Mobile Ad Hoc Networks. , 2006, , .		4

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181	Efficient routing in WiMax/802.16 based mesh networks with centralized scheduling. , 2008, , .		4
182	Maximizing the Network Stability in Mobile WiMAX Mesh Networks. Mobile Networks and Applications, 2010, 15, 253-266.	3.3	4
183	Efficient rate adaptation with QoS support in wireless networks. Ad Hoc Networks, 2010, 8, 119-133.	5.5	4
184	Impact of successive interference cancellation on the capacity of wireless networks: Joint optimal link scheduling and power control. , 2013, , .		4
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