

Fei Richard Yu

List of Publications by Year in descending order

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712
papers

28,879
citations

6840

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139
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716
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716
docs citations

716
times ranked

18716
citing authors

#	ARTICLE	IF	CITATIONS
1	Vision-and-Language Navigation Based on Cross-Modal Feature Fusion in Indoor Environment. IEEE Transactions on Cognitive and Developmental Systems, 2023, 15, 3-15.	2.6	3
2	A deep learning based misbehavior classification scheme for intrusion detection in cooperative intelligent transportation systems. Digital Communications and Networks, 2023, 9, 1113-1122.	2.7	7
3	Software-Defined Vehicular Networks With Trust Management: A Deep Reinforcement Learning Approach. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 1400-1414.	4.7	27
4	Intelligent Resource Allocation for Video Analytics in Blockchain-Enabled Internet of Autonomous Vehicles With Edge Computing. IEEE Internet of Things Journal, 2022, 9, 14260-14272.	5.5	46
5	Profit Maximizing Smart Manufacturing Over AI-Enabled Configurable Blockchains. IEEE Internet of Things Journal, 2022, 9, 346-358.	5.5	10
6	Hybrid Autonomous Driving Guidance Strategy Combining Deep Reinforcement Learning and Expert System. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 11273-11286.	4.7	12
7	Resource Allocation of Video Streaming Over Vehicular Networks: A Survey, Some Research Issues and Challenges. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 5955-5975.	4.7	31
8	Resource Allocation and Trajectory Design in UAV-Aided Cellular Networks Based on Multiagent Reinforcement Learning. IEEE Internet of Things Journal, 2022, 9, 2933-2943.	5.5	32
9	An Efficient Ciphertext-Policy Attribute-Based Encryption Scheme Supporting Collaborative Decryption With Blockchain. IEEE Internet of Things Journal, 2022, 9, 2722-2733.	5.5	13
10	Radio Frequency Fingerprint Collaborative Intelligent Identification Using Incremental Learning. IEEE Transactions on Network Science and Engineering, 2022, 9, 3222-3233.	4.1	34
11	Deep-Reinforcement-Learning-Based Latency Minimization in Edge Intelligence Over Vehicular Networks. IEEE Internet of Things Journal, 2022, 9, 1300-1312.	5.5	11
12	A Survey of Driving Safety With Sensing, Vehicular Communications, and Artificial Intelligence-Based Collision Avoidance. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 6142-6163.	4.7	35
13	Toward Tailored Resource Allocation of Slices in 6G Networks With Softwarization and Virtualization. IEEE Internet of Things Journal, 2022, 9, 6623-6637.	5.5	38
14	A Survey on Cyber-Security of Connected and Autonomous Vehicles (CAVs). IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 6240-6259.	4.7	93
15	Reliable and Low-Overhead Clustering in LEO Small Satellite Networks. IEEE Internet of Things Journal, 2022, 9, 14844-14856.	5.5	6
16	Joint Resource Allocation for Ultra-Reliable and Low-Latency Radio Access Networks With Edge Computing. IEEE Transactions on Wireless Communications, 2022, 21, 444-460.	6.1	7
17	Blockchain-Based Multi-Access Edge Computing for Future Vehicular Networks: A Deep Compressed Neural Network Approach. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 12161-12175.	4.7	19
18	Buffer-Aware Virtual Reality Video Streaming With Personalized and Private Viewport Prediction. IEEE Journal on Selected Areas in Communications, 2022, 40, 694-709.	9.7	17

#	ARTICLE	IF	CITATIONS
19	Towards Energy-Efficient and Secure Data Transmission in AI-Enabled Software Defined Industrial Networks. IEEE Transactions on Industrial Informatics, 2022, 18, 4265-4274.	7.2	21
20	UAV SECaaS: Game-Theoretic Formulation for Security as a Service in UAV Swarms. IEEE Systems Journal, 2022, 16, 6209-6218.	2.9	4
21	A novel resource management scheme for virtualized cyber-physical-social system. Physical Communication, 2022, 50, 101513.	1.2	3
22	Bift: A Blockchain-Based Federated Learning System for Connected and Autonomous Vehicles. IEEE Internet of Things Journal, 2022, 9, 12311-12322.	5.5	27
23	Efficient Resource Allocation for Multi-Beam Satellite-Terrestrial Vehicular Networks: A Multi-Agent Actor-Critic Method With Attention Mechanism. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 2727-2738.	4.7	15
24	Resource Management for Edge Intelligence (EI)-Assisted IoV Using Quantum-Inspired Reinforcement Learning. IEEE Internet of Things Journal, 2022, 9, 12588-12600.	5.5	11
25	Intelligent Joint Network Slicing and Routing via GCN-Powered Multi-Task Deep Reinforcement Learning. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 1269-1286.	4.9	17
26	Multi-Agent Driven Resource Allocation and Interference Management for Deep Edge Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 2018-2030.	3.9	12
27	Transmit Antenna Number Identification for MIMO Cognitive Radio Systems in the Presence of Alpha-Stable Noise. IEEE Transactions on Vehicular Technology, 2022, 71, 2798-2808.	3.9	0
28	Intelligent Reflecting Surface Enhanced Wireless Communications With Deep-Learning-Based Channel Prediction. IEEE Transactions on Vehicular Technology, 2022, 71, 1049-1053.	3.9	15
29	A Collaborative Caching-Transmission Method for Heterogeneous Video Services in Cache-Enabled Terahertz Heterogeneous Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 3187-3200.	3.9	7
30	DroneSegNet: Robust Aerial Semantic Segmentation for UAV-Based IoT Applications. IEEE Transactions on Vehicular Technology, 2022, 71, 4277-4286.	3.9	15
31	Green Intelligence Networking for Connected and Autonomous Vehicles in Smart Cities. IEEE Transactions on Green Communications and Networking, 2022, 6, 1591-1603.	3.5	10
32	A Comprehensive Survey on Blockchain in Industrial Internet of Things: Motivations, Research Progresses, and Future Challenges. IEEE Communications Surveys and Tutorials, 2022, 24, 88-122.	24.8	93
33	Utility Optimization for Resource Allocation in Multi-Access Edge Network Slicing: A Twin-Actor Deep Deterministic Policy Gradient Approach. IEEE Transactions on Wireless Communications, 2022, 21, 5842-5856.	6.1	20
34	Knowledge-Based Fault Diagnosis in Industrial Internet of Things: A Survey. IEEE Internet of Things Journal, 2022, 9, 12886-12900.	5.5	43
35	Hierarchical Coded Matrix Multiplication in Heterogeneous Multihop Networks. IEEE Transactions on Communications, 2022, 70, 3597-3612.	4.9	2
36	Sharded Blockchain for Collaborative Computing in the Internet of Things: Combined of Dynamic Clustering and Deep Reinforcement Learning Approach. IEEE Internet of Things Journal, 2022, 9, 16494-16509.	5.5	23

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37	Energy-Saving Deployment Optimization and Resource Management for UAV-Assisted Wireless Sensor Networks With NOMA. IEEE Transactions on Vehicular Technology, 2022, 71, 6609-6623.	3.9	31
38	An Online Zero-Forcing Precoder for Weighted Sum-Rate Maximization in Green CoMP Systems. IEEE Transactions on Wireless Communications, 2022, 21, 7566-7581.	6.1	4
39	Heterogeneous Markov Decision Process Model for Joint Resource Allocation and Task Scheduling in Network Slicing Enabled Internet of Vehicles. IEEE Wireless Communications Letters, 2022, 11, 1118-1122.	3.2	8
40	Generalized Transceiver Beamforming for DFRC With MIMO Radar and MU-MIMO Communication. IEEE Journal on Selected Areas in Communications, 2022, 40, 1795-1808.	9.7	45
41	Communications and Networking for Connected Vehicles 2020. Wireless Communications and Mobile Computing, 2022, 2022, 1-4.	0.8	1
42	Intelligence Networking for Autonomous Driving in Beyond 5G Networks With Multi-Access Edge Computing. IEEE Transactions on Vehicular Technology, 2022, 71, 5853-5866.	3.9	8
43	Interference Management of Analog Function Computation in Multicenter Networks. IEEE Transactions on Communications, 2022, 70, 4607-4623.	4.9	3
44	An Online Throughput Maximization Algorithm for Green Coordinated Multi-Point Systems. , 2022, , .		1
45	Cloud-Edge Collaborative Resource Allocation for Blockchain-Enabled Internet of Things: A Collective Reinforcement Learning Approach. IEEE Internet of Things Journal, 2022, 9, 23115-23129.	5.5	10
46	Low-Light Image Enhancement for UAVs With Multi-Feature Fusion Deep Neural Networks. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	1.4	7
47	Task-Oriented Image Transmission for Scene Classification in Unmanned Aerial Systems. IEEE Transactions on Communications, 2022, 70, 5181-5192.	4.9	28
48	MbRE IDS: An AI and Edge Computing Empowered Framework for Securing Intelligent Transportation Systems. , 2022, , .		2
49	A Blockchain-Enabled Trusted Identifier Co-Governance Architecture for the Industrial Internet of Things. IEEE Communications Magazine, 2022, 60, 66-72.	4.9	9
50	Joint Routing and Scheduling Optimization in Time-Sensitive Networks Using Graph-Convolutional-Network-Based Deep Reinforcement Learning. IEEE Internet of Things Journal, 2022, 9, 23981-23994.	5.5	11
51	Quantum Collective Learning and Many-to-Many Matching Game in the Metaverse for Connected and Autonomous Vehicles. IEEE Transactions on Vehicular Technology, 2022, 71, 12128-12139.	3.9	16
52	Adaptive Optics for Orbital Angular Momentum-Based Internet of Underwater Things Applications. IEEE Internet of Things Journal, 2022, 9, 24281-24299.	5.5	42
53	Insurance Plan for Service Assurance in Cloud Computing Market with Incomplete Information. Journal of Communications and Information Networks, 2022, 7, 11-22.	3.5	1
54	When Multi-access Edge Computing Meets Multi-area Intelligent Reflecting Surface: A Multi-agent Reinforcement Learning Approach. , 2022, , .		0

#	ARTICLE	IF	CITATIONS
55	Multi-Constraint Deep Reinforcement Learning for Smooth Action Control. , 2022, , .		0
56	Cross-Layer Defense Methods for Jamming-Resistant CBTC Systems. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 7266-7278.	4.7	50
57	Soft Actor-Critic DRL for Live Transcoding and Streaming in Vehicular Fog-Computing-Enabled IoV. IEEE Internet of Things Journal, 2021, 8, 1308-1321.	5.5	46
58	Networking Integrated Cloud-Edge-End in IoT: A Blockchain-Assisted Collective Q-Learning Approach. IEEE Internet of Things Journal, 2021, 8, 12694-12704.	5.5	67
59	An Application-Driven Nonorthogonal-Multiple-Access-Enabled Computation Offloading Scheme. IEEE Internet of Things Journal, 2021, 8, 1453-1466.	5.5	8
60	Dynamic Computation Offloading in IoT Fog Systems With Imperfect Channel-State Information: A POMDP Approach. IEEE Internet of Things Journal, 2021, 8, 345-356.	5.5	29
61	Content Caching Oriented Popularity Prediction: A Weighted Clustering Approach. IEEE Transactions on Wireless Communications, 2021, 20, 623-636.	6.1	22
62	Edge Intelligence (EI)-Enabled HTTP Anomaly Detection Framework for the Internet of Things (IoT). IEEE Internet of Things Journal, 2021, 8, 3554-3566.	5.5	31
63	Vehicle Position Correction: A Vehicular Blockchain Networks-Based GPS Error Sharing Framework. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 898-912.	4.7	67
64	Potential Identity Resolution Systems for the Industrial Internet of Things: A Survey. IEEE Communications Surveys and Tutorials, 2021, 23, 391-430.	24.8	27
65	Energy-Efficient D2D-Assisted Computation Offloading in NOMA-Enabled Cognitive Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 13441-13446.	3.9	15
66	A Survey on Multi-Access Edge Computing Applied to Video Streaming: Some Research Issues and Challenges. IEEE Communications Surveys and Tutorials, 2021, 23, 871-903.	24.8	83
67	Optimizing Information Freshness in MEC-Assisted Status Update Systems With Heterogeneous Energy Harvesting Devices. IEEE Internet of Things Journal, 2021, 8, 17057-17070.	5.5	7
68	Task Offloading for Wireless VR-Enabled Medical Treatment With Blockchain Security Using Collective Reinforcement Learning. IEEE Internet of Things Journal, 2021, 8, 15749-15761.	5.5	56
69	DeepADV: A Deep Neural Network Framework for Anomaly Detection in VANETs. IEEE Transactions on Vehicular Technology, 2021, 70, 12013-12023.	3.9	31
70	Fast, Reliable, and Secure Drone Communication: A Comprehensive Survey. IEEE Communications Surveys and Tutorials, 2021, 23, 2802-2832.	24.8	84
71	Joint Sparse Observation and Coding Design for Multiple Phenomena Monitoring. IEEE Transactions on Communications, 2021, 69, 6987-7002.	4.9	1
72	Two New Kinds of Interference Alignment Schemes for Cellular K-User MIMO Downlink Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 11827-11842.	3.9	8

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73	From Information Networking to Intelligence Networking: Motivations, Scenarios, and Challenges. IEEE Network, 2021, 35, 209-216.	4.9	25
74	Device-Free Wireless Sensing for Human Detection: The Deep Learning Perspective. IEEE Internet of Things Journal, 2021, 8, 2517-2539.	5.5	78
75	Exploiting UAV-emitted jamming to improve physical-layer security: A 3D trajectory control perspective. IET Communications, 2021, 15, 780-789.	1.5	2
76	System Identification Based on Generalized Orthonormal Basis Function for Unmanned Helicopters: A Reinforcement Learning Approach. IEEE Transactions on Vehicular Technology, 2021, 70, 1135-1145.	3.9	4
77	Computation Over Multi-Access Channels: Multi-Hop Implementation and Resource Allocation. IEEE Transactions on Communications, 2021, 69, 1038-1052.	4.9	8
78	Blockchain and smart contract for access control in healthcare: A survey, issues and challenges, and open issues. Journal of Network and Computer Applications, 2021, 178, 102950.	5.8	69
79	Energy-Delay Tradeoff in Device-Assisted NOMA MEC Systems: A Matching-Based Algorithm. , 2021, , .		6
80	Hybrid fog/cloud computing resource allocation: Joint consideration of limited communication resources and user credibility. Computer Communications, 2021, 169, 48-58.	3.1	17
81	Blockchain based Joint Task Scheduling and Supply-Demand Configuration for Smart Manufacturing. , 2021, , .		6
82	Applications of the Internet of Things (IoT) in Smart Logistics: A Comprehensive Survey. IEEE Internet of Things Journal, 2021, 8, 4250-4274.	5.5	102
83	Distributed Variational Bayes-Based In-Network Security for the Internet of Things. IEEE Internet of Things Journal, 2021, 8, 6293-6304.	5.5	10
84	B-ReST: Blockchain-Enabled Resource Sharing and Transactions in Fog Computing. IEEE Wireless Communications, 2021, 28, 172-180.	6.6	25
85	Resource-Ability Assisted Service Function Chain Embedding and Scheduling for 6G Networks With Virtualization. IEEE Transactions on Vehicular Technology, 2021, 70, 3846-3859.	3.9	49
86	A Cross-Layer Defense Scheme for Edge Intelligence-Enabled CBTC Systems Against MitM Attacks. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 2286-2298.	4.7	49
87	Wireless Virtual Reality in Beyond 5G Systems with the Internet of Intelligence. IEEE Wireless Communications, 2021, 28, 70-77.	6.6	22
88	When Mobile-Edge Computing (MEC) Meets Nonorthogonal Multiple Access (NOMA) for the Internet of Things (IoT): System Design and Optimization. IEEE Internet of Things Journal, 2021, 8, 7849-7862.	5.5	25
89	Reliable Data Transmission over Energy-Efficient Vehicular Network Based on Blockchain and MEC. , 2021, , .		2
90	Securing UAV-to-Vehicle Communications: A Curiosity-Driven Deep Q-learning Network (C-DQN) Approach. , 2021, , .		9

#	ARTICLE	IF	CITATIONS
91	Securing the Internet of Vehicles: A Deep Learning-Based Classification Framework. IEEE Networking Letters, 2021, 3, 94-97.	1.5	24
92	Artificial Intelligence (AI)-Empowered Intrusion Detection Architecture for the Internet of Vehicles. IEEE Wireless Communications, 2021, 28, 144-149.	6.6	48
93	A novel identity resolution system design based on Dual-Chord algorithm for industrial Internet of Things. Science China Information Sciences, 2021, 64, 1.	2.7	4
94	Resource Management for Secure Computation Offloading in Softwarized Cyber-Physical Systems. IEEE Internet of Things Journal, 2021, 8, 9294-9304.	5.5	28
95	Energy Efficiency Optimization in SWIPT Enabled WSNs for Smart Agriculture. IEEE Transactions on Industrial Informatics, 2021, 17, 4335-4344.	7.2	46
96	Toward Optimal Rate-Delay Tradeoff for Computation Over Multiple Access Channel. IEEE Transactions on Communications, 2021, 69, 4335-4346.	4.9	6
97	Cache-Enabled Multicast Content Pushing With Structured Deep Learning. IEEE Journal on Selected Areas in Communications, 2021, 39, 2135-2149.	9.7	8
98	A Novel Adaptive Gradient Compression Scheme: Reducing the Communication Overhead for Distributed Deep Learning in the Internet of Things. IEEE Internet of Things Journal, 2021, 8, 11476-11486.	5.5	11
99	Multi-Antenna Covert Communication via Full-Duplex Jamming Against a Warden With Uncertain Locations. IEEE Transactions on Wireless Communications, 2021, 20, 5467-5480.	6.1	26
100	Secrecy Analysis of UAV-Based mmWave Relaying Networks. IEEE Transactions on Wireless Communications, 2021, 20, 4990-5002.	6.1	18
101	AgriSegNet: Deep Aerial Semantic Segmentation Framework for IoT-Assisted Precision Agriculture. IEEE Sensors Journal, 2021, 21, 17581-17590.	2.4	63
102	Enabling Massive IoT Toward 6G: A Comprehensive Survey. IEEE Internet of Things Journal, 2021, 8, 11891-11915.	5.5	282
103	Efficient Blockchain-Enabled Large Scale Parked Vehicular Computing With Green Energy Supply. IEEE Transactions on Vehicular Technology, 2021, 70, 9423-9436.	3.9	22
104	Computation Offloading for Edge-Assisted Federated Learning. IEEE Transactions on Vehicular Technology, 2021, 70, 9330-9344.	3.9	36
105	Robust Secure Energy-Efficiency Optimization in SWIPT-Aided Heterogeneous Networks With a Nonlinear Energy-Harvesting Model. IEEE Internet of Things Journal, 2021, 8, 14908-14919.	5.5	22
106	Resource Management for Pervasive-Edge-Computing-Assisted Wireless VR Streaming in Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2021, 17, 7607-7617.	7.2	41
107	On the Application of Cooperative NOMA to Spatially Random Wireless Caching Networks. IEEE Transactions on Vehicular Technology, 2021, 70, 12055-12071.	3.9	6
108	Energy-Efficient Secure Video Streaming in UAV-Enabled Wireless Networks: A Safe-DQN Approach. IEEE Transactions on Green Communications and Networking, 2021, 5, 1892-1905.	3.5	21

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109	Height Optimization and Resource Allocation for NOMA Enhanced UAV-Aided Relay Networks. IEEE Transactions on Communications, 2021, 69, 962-975.	4.9	48
110	Semi-Distributed Resource Management in UAV-Aided MEC Systems: A Multi-Agent Federated Reinforcement Learning Approach. IEEE Transactions on Vehicular Technology, 2021, 70, 13162-13173.	3.9	60
111	Flexi-Compression: A Flexible Model Compression Method for Autonomous Driving. , 2021, , .		2
112	Data Trading for Blockchain-Based Data Market in Cyber-Physical-Social Smart Systems. , 2021, , .		3
113	Graded Warning for Rear-End Collision: An Artificial Intelligence-Aided Algorithm. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 565-579.	4.7	17
114	Trust-Based Social Networks with Computing, Caching and Communications: A Deep Reinforcement Learning Approach. IEEE Transactions on Network Science and Engineering, 2020, 7, 66-79.	4.1	66
115	Secure Transmission via Beamforming Optimization for NOMA Networks. IEEE Wireless Communications, 2020, 27, 193-199.	6.6	47
116	Optimizing virtual machine placement in IaaS data centers: taxonomy, review and open issues. Cluster Computing, 2020, 23, 837-878.	3.5	28
117	Dynamic Service Function Chain Embedding for NFV-Enabled IoT: A Deep Reinforcement Learning Approach. IEEE Transactions on Wireless Communications, 2020, 19, 507-519.	6.1	78
118	Computing and Relaying: Utilizing Mobile Edge Computing for P2P Communications. IEEE Transactions on Vehicular Technology, 2020, 69, 1582-1594.	3.9	18
119	IEEE Access Special Section Editorial: Energy Management in Buildings. IEEE Access, 2020, 8, 1453-1457.	2.6	1
120	Resource Allocation and Basestation Placement in Downlink Cellular Networks Assisted by Multiple Wireless Powered UAVs. IEEE Transactions on Vehicular Technology, 2020, 69, 2171-2184.	3.9	57
121	Adaptive Video Streaming With Edge Caching and Video Transcoding Over Software-Defined Mobile Networks: A Deep Reinforcement Learning Approach. IEEE Transactions on Wireless Communications, 2020, 19, 1577-1592.	6.1	65
122	Adaptive Resource Allocation in Future Wireless Networks With Blockchain and Mobile Edge Computing. IEEE Transactions on Wireless Communications, 2020, 19, 1689-1703.	6.1	123
123	Context-Aware Object Detection for Vehicular Networks Based on Edge-Cloud Cooperation. IEEE Internet of Things Journal, 2020, 7, 5783-5791.	5.5	25
124	Distributed self-optimizing interference management in ultra-dense networks with non-orthogonal multiple access. Wireless Networks, 2020, 26, 2809-2823.	2.0	2
125	UAV-Assisted Cooperative Communications With Time-Sharing Information and Power Transfer. IEEE Transactions on Vehicular Technology, 2020, 69, 1554-1567.	3.9	43
126	Cyber-Physical-Social Systems: A State-of-the-Art Survey, Challenges and Opportunities. IEEE Communications Surveys and Tutorials, 2020, 22, 389-425.	24.8	106

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127	Cooperative Computation Offloading and Resource Allocation for Blockchain-Enabled Mobile-Edge Computing: A Deep Reinforcement Learning Approach. IEEE Internet of Things Journal, 2020, 7, 6214-6228.	5.5	224
128	Blind Parameter Estimation of M -FSK Signals in the Presence of Alpha-Stable Noise. IEEE Transactions on Communications, 2020, 68, 7647-7659.	4.9	4
129	Resource Optimization for Delay-Tolerant Data in Blockchain-Enabled IoT With Edge Computing: A Deep Reinforcement Learning Approach. IEEE Internet of Things Journal, 2020, 7, 9399-9412.	5.5	74
130	IEEE TCCN Special Section Editorial: Intelligent Resource Management for 5G and Beyond. IEEE Transactions on Cognitive Communications and Networking, 2020, 6, 422-427.	4.9	0
131	Securing Aerial-Ground Transmission for NOMA-UAV Networks. IEEE Network, 2020, 34, 171-177.	4.9	27
132	User Satisfaction Oriented Resource Allocation for Fog Computing: A Mixed-Task Paradigm. IEEE Transactions on Communications, 2020, 68, 6470-6482.	4.9	15
133	Scalable Parallel Task Scheduling for Autonomous Driving Using Multi-Task Deep Reinforcement Learning. IEEE Transactions on Vehicular Technology, 2020, 69, 13861-13874.	3.9	39
134	Power Allocation for Secure Transmission in Circular Trajectory NOMA-UAV Networks. , 2020, , .		1
135	Guest Editorial: Blockchain and Healthcare Computing. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 2144-2145.	3.9	6
136	GGs: General Gradient Sparsification for Federated Learning in Edge Computing. , 2020, , .		27
137	Edge Computing-Based Collaborative Vehicles 3D Mapping in Real Time. IEEE Transactions on Vehicular Technology, 2020, 69, 12470-12481.	3.9	6
138	A Survey on Secure Computation Based on Homomorphic Encryption in Vehicular Ad Hoc Networks. Sensors, 2020, 20, 4253.	2.1	10
139	AI-Chain: Blockchain Energized Edge Intelligence for Beyond 5G Networks. IEEE Network, 2020, 34, 62-69.	4.9	40
140	A Decision-Making Strategy for Vehicle Autonomous Braking in Emergency via Deep Reinforcement Learning. IEEE Transactions on Vehicular Technology, 2020, 69, 5876-5888.	3.9	75
141	Toward Communication-Efficient Federated Learning in the Internet of Things With Edge Computing. IEEE Internet of Things Journal, 2020, 7, 11053-11067.	5.5	57
142	Virtual Relay Selection in LTE-V: A Deep Reinforcement Learning Approach to Heterogeneous Data. IEEE Access, 2020, 8, 102477-102492.	2.6	10
143	An Autonomous Lane-Changing System With Knowledge Accumulation and Transfer Assisted by Vehicular Blockchain. IEEE Internet of Things Journal, 2020, 7, 11123-11136.	5.5	24
144	An Adaptive Wireless Virtual Reality Framework in Future Wireless Networks: A Distributed Learning Approach. IEEE Transactions on Vehicular Technology, 2020, 69, 8514-8528.	3.9	59

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145	Delay Sensitive Large-scale Parked Vehicular Computing via Software Defined Blockchain. , 2020, , .		2
146	Blockchain-Enabled Software-Defined Industrial Internet of Things With Deep Reinforcement Learning. IEEE Internet of Things Journal, 2020, 7, 5466-5480.	5.5	54
147	A Deep Reinforcement Learning-Based Transcoder Selection Framework for Blockchain-Enabled Wireless D2D Transcoding. IEEE Transactions on Communications, 2020, 68, 3426-3439.	4.9	14
148	Robust Federated Learning With Noisy Communication. IEEE Transactions on Communications, 2020, 68, 3452-3464.	4.9	73
149	A State-of-the-Art Review on Image Synthesis With Generative Adversarial Networks. IEEE Access, 2020, 8, 63514-63537.	2.6	89
150	Cooperative Caching and Transmission in CoMP-Integrated Cellular Networks Using Reinforcement Learning. IEEE Transactions on Vehicular Technology, 2020, 69, 5508-5520.	3.9	46
151	A Parking Slot Allocation Framework Based on Virtual Voting and Adaptive Pricing Algorithm. IEEE Transactions on Vehicular Technology, 2020, 69, 5945-5957.	3.9	47
152	Intelligence-Sharing Vehicular Networks with Mobile Edge Computing and Spatiotemporal Knowledge Transfer. IEEE Network, 2020, 34, 256-262.	4.9	19
153	Satellite-Terrestrial Integrated Edge Computing Networks: Architecture, Challenges, and Open Issues. IEEE Network, 2020, 34, 224-231.	4.9	125
154	Relaying Systems With Reciprocity Mismatch: Impact Analysis and Calibration. IEEE Transactions on Communications, 2020, 68, 4035-4049.	4.9	6
155	Joint Optimization of Radio and Computational Resources Allocation in Blockchain-Enabled Mobile Edge Computing Systems. IEEE Transactions on Wireless Communications, 2020, 19, 4321-4334.	6.1	73
156	Guest Editorial: Special Section on Social and Cognitive Mobile Computing in Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2020, 16, 5377-5378.	7.2	1
157	Vehicular Blockchain-Based Collective Learning for Connected and Autonomous Vehicles. IEEE Wireless Communications, 2020, 27, 197-203.	6.6	72
158	Deep Reinforcement Learning (DRL)-Based Device-to-Device (D2D) Caching With Blockchain and Mobile Edge Computing. IEEE Transactions on Wireless Communications, 2020, 19, 6469-6485.	6.1	59
159	Computation Over MAC: Achievable Function Rate Maximization in Wireless Networks. IEEE Transactions on Communications, 2020, 68, 5446-5459.	4.9	11
160	MEC-Assisted Immersive VR Video Streaming Over Terahertz Wireless Networks: A Deep Reinforcement Learning Approach. IEEE Internet of Things Journal, 2020, 7, 9517-9529.	5.5	165
161	Blockchain-Incentivized D2D and Mobile Edge Caching: A Deep Reinforcement Learning Approach. IEEE Network, 2020, 34, 150-157.	4.9	24
162	Secure Transmission via Power Allocation in NOMA-UAV Networks With Circular Trajectory. IEEE Transactions on Vehicular Technology, 2020, 69, 10033-10045.	3.9	23

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163	Blockchain and Machine Learning for Communications and Networking Systems. IEEE Communications Surveys and Tutorials, 2020, 22, 1392-1431.	24.8	167
164	Blockchain-Enabled Internet of Vehicles With Cooperative Positioning: A Deep Neural Network Approach. IEEE Internet of Things Journal, 2020, 7, 3485-3498.	5.5	59
165	An actor-critic reinforcement learning-based resource management in mobile edge computing systems. International Journal of Machine Learning and Cybernetics, 2020, 11, 1875-1889.	2.3	17
166	Decentralized Computation Offloading in IoT Fog Computing System With Energy Harvesting: A Dec-POMDP Approach. IEEE Internet of Things Journal, 2020, 7, 4898-4911.	5.5	46
167	NOMA-Enhanced Computation Over Multi-Access Channels. IEEE Transactions on Wireless Communications, 2020, 19, 2252-2267.	6.1	9
168	Blockchain-Enabled Cross-Domain Object Detection for Autonomous Driving: A Model Sharing Approach. IEEE Internet of Things Journal, 2020, 7, 3681-3692.	5.5	60
169	Adaptive Bitrate Streaming in Wireless Networks With Transcoding at Network Edge Using Deep Reinforcement Learning. IEEE Transactions on Vehicular Technology, 2020, 69, 3879-3892.	3.9	41
170	Performance Optimization for Blockchain-Enabled Distributed Network Function Virtualization Management and Orchestration. IEEE Transactions on Vehicular Technology, 2020, 69, 6670-6679.	3.9	26
171	A Mobile Edge Computing (MEC)-Enabled Transcoding Framework for Blockchain-Based Video Streaming. IEEE Wireless Communications, 2020, 27, 81-87.	6.6	21
172	Fast Switch-Based Load Balancer Considering Application Server States. IEEE/ACM Transactions on Networking, 2020, 28, 1391-1404.	2.6	10
173	Service-aware optimal caching placement for named data networking. Computer Networks, 2020, 174, 107193.	3.2	9
174	Dynamic Network Slicing and Resource Allocation in Mobile Edge Computing Systems. IEEE Transactions on Vehicular Technology, 2020, 69, 7863-7878.	3.9	54
175	Edge Computing for Video Analytics in the Internet of Vehicles with Blockchain. , 2020, , .		5
176	Resource Allocation and Power Control Policy for Device-to-Device Communication Using Multi-Agent Reinforcement Learning. Computers, Materials and Continua, 2020, 63, 1515-1532.	1.5	8
177	Bring Intelligence among Edges: A Blockchain-Assisted Edge Intelligence Approach. , 2020, , .		9
178	Utility Optimization for Resource Allocation in Edge Network Slicing Using DRL. , 2020, , .		12
179	Congestion and Position Aware Dynamic Routing for the Internet of Vehicles. IEEE Transactions on Vehicular Technology, 2020, 69, 16082-16094.	3.9	12
180	Heterogeneous Networks Through Multi-resources Deployment, Performance Enhancement for. , 2020, , 557-561.		0

#	ARTICLE	IF	CITATIONS
181	Trustworthy Traffic Information Sharing Secured via Blockchain in VANETs. , 2020, , .		3
182	A Survey of Machine Learning Techniques Applied to Software Defined Networking (SDN): Research Issues and Challenges. IEEE Communications Surveys and Tutorials, 2019, 21, 393-430.	24.8	418
183	Security and Privacy of Smart Cities: A Survey, Research Issues and Challenges. IEEE Communications Surveys and Tutorials, 2019, 21, 1718-1743.	24.8	110
184	Energy-Efficient Machine-to-Machine (M2M) Communications in Virtualized Cellular Networks with Mobile Edge Computing (MEC). IEEE Transactions on Mobile Computing, 2019, 18, 1541-1555.	3.9	37
185	When Full Duplex Wireless Meets Non-Orthogonal Multiple Access: Opportunities and Challenges. IEEE Wireless Communications, 2019, 26, 148-155.	6.6	19
186	UAV-Assisted Cooperative Communications With Power-Splitting Information and Power Transfer. IEEE Transactions on Green Communications and Networking, 2019, 3, 1044-1057.	3.5	33
187	A Stackelberg-Based Optimal Profit Split Scheme in Information-Centric Wireless Networks. , 2019, , .		0
188	Communicating or Computing Over the MAC: Function-Centric Wireless Networks. IEEE Transactions on Communications, 2019, 67, 6127-6138.	4.9	11
189	Resource Allocation and Basestation Placement in Cellular Networks with Wireless Powered UAVs. , 2019, , .		3
190	Deep Reinforcement Learning Based Performance Optimization in Blockchain-Enabled Internet of Vehicle. , 2019, , .		44
191	Privacy Preservation via Beamforming for NOMA. IEEE Transactions on Wireless Communications, 2019, 18, 3599-3612.	6.1	17
192	Full Lifecycle Infrastructure Management System for Smart Cities: A Narrow Band IoT-Based Platform. IEEE Internet of Things Journal, 2019, 6, 8818-8825.	5.5	21
193	Computation Offloading and Resource Allocation for Wireless Powered Mobile Edge Computing With Latency Constraint. IEEE Wireless Communications Letters, 2019, 8, 1320-1323.	3.2	69
194	Intelligent Trajectory Design in UAV-Aided Communications With Reinforcement Learning. IEEE Transactions on Vehicular Technology, 2019, 68, 8227-8231.	3.9	75
195	Optimal Power Allocations for 5G Non-Orthogonal Multiple Access with Half-Duplex Relaying. , 2019, , .		7
196	Blockchain-Based Distributed Software-Defined Vehicular Networks: A Dueling Deep Q -Learning Approach. IEEE Transactions on Cognitive Communications and Networking, 2019, 5, 1086-1100.	4.9	70
197	Joint Attitude and Power Optimization for UAV-Aided Downlink Communications. IEEE Transactions on Vehicular Technology, 2019, 68, 12437-12442.	3.9	4
198	Robust Design for Massive CSI Acquisition in Analog Function Computation Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 2361-2373.	3.9	18

#	ARTICLE	IF	CITATIONS
199	Economical Profit Maximization in MEC Enabled Vehicular Networks. , 2019, , .		0
200	Transmit Beamforming for Layered Physical Layer Security. IEEE Transactions on Vehicular Technology, 2019, 68, 9747-9760.	3.9	29
201	Fast Video Frame Correlation Analysis for Vehicular Networks by Using CVSâ€™CNN. IEEE Transactions on Vehicular Technology, 2019, 68, 6286-6292.	3.9	17
202	Decentralized Resource Allocation for Video Transcoding and Delivery in Blockchain-Based System With Mobile Edge Computing. IEEE Transactions on Vehicular Technology, 2019, 68, 11169-11185.	3.9	75
203	Modified CramÃ©r-Rao Bound for MFSK Signal Parameter Estimation in Cauchy and Gaussian Noise. IEEE Transactions on Vehicular Technology, 2019, 68, 10283-10288.	3.9	6
204	QoE Aware Transcoding for Live Streaming in SDN-Based Cloud-Aided HetNets: An Actor-Critic Approach. , 2019, , .		3
205	A Survey on the Scalability of Blockchain Systems. IEEE Network, 2019, 33, 166-173.	4.9	207
206	QoS Aware Transcoding for Live Streaming in Edge-Clouds Aided HetNets: An Enhanced Actor-Critic Approach. IEEE Transactions on Vehicular Technology, 2019, 68, 11295-11308.	3.9	44
207	Deep Reinforcement Learning for Mobile Social Networks. Springer Briefs in Electrical and Computer Engineering, 2019, , 45-71.	0.3	1
208	Edge Cache-Based ISP-CP Collaboration Scheme for Content Delivery Services. IEEE Access, 2019, 7, 5277-5284.	2.6	6
209	Integrated Blockchain and Edge Computing Systems: A Survey, Some Research Issues and Challenges. IEEE Communications Surveys and Tutorials, 2019, 21, 1508-1532.	24.8	476
210	Deep Reinforcement Learning for Interference Alignment Wireless Networks. Springer Briefs in Electrical and Computer Engineering, 2019, , 21-44.	0.3	0
211	Deep Reinforcement Learning for Wireless Networks. Springer Briefs in Electrical and Computer Engineering, 2019, , .	0.3	7
212	Computation Over Wide-Band Multi-Access Channels: Achievable Rates Through Sub-Function Allocation. IEEE Transactions on Wireless Communications, 2019, 18, 3713-3725.	6.1	11
213	Auction-Based Relay Selection and Power Allocation in Green Relay-Assisted Cellular Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 8000-8011.	3.9	8
214	Delay Minimization for Massive Internet of Things With Non-Orthogonal Multiple Access. IEEE Journal on Selected Topics in Signal Processing, 2019, 13, 553-566.	7.3	36
215	Placement and Power Allocation for NOMA-UAV Networks. IEEE Wireless Communications Letters, 2019, 8, 965-968.	3.2	121
216	Deep Q-Learning Aided Networking, Caching, and Computing Resources Allocation in Software-Defined Satellite-Terrestrial Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 5871-5883.	3.9	150

#	ARTICLE	IF	CITATIONS
217	Buffer-Aware Streaming in Small-Scale Wireless Networks: A Deep Reinforcement Learning Approach. IEEE Transactions on Vehicular Technology, 2019, 68, 6891-6902.	3.9	24
218	Automatically synthesizing DoS attack traces using generative adversarial networks. International Journal of Machine Learning and Cybernetics, 2019, 10, 3387-3396.	2.3	39
219	Performance Optimization for Blockchain-Enabled Industrial Internet of Things (IIoT) Systems: A Deep Reinforcement Learning Approach. IEEE Transactions on Industrial Informatics, 2019, 15, 3559-3570.	7.2	253
220	UAV-Assisted Emergency Networks in Disasters. IEEE Wireless Communications, 2019, 26, 45-51.	6.6	443
221	A Survey of Blockchain Technology Applied to Smart Cities: Research Issues and Challenges. IEEE Communications Surveys and Tutorials, 2019, 21, 2794-2830.	24.8	477
222	Service-Aware Optimal Caching Placement for Named Data Networking. , 2019, , .		0
223	An Energy-Efficient UAV Recharging and Reshuffling Strategy for Seamless Coverage. , 2019, , .		3
224	Energy-efficiency fog computing resource allocation in cyber physical internet of things systems. IET Communications, 2019, 13, 2003-2011.	1.5	6
225	Joint Optimization of Networking and Computing Resources for Green M2M Communications Based on DRL. , 2019, , .		3
226	IEEE Access Special Section Editorial: Recent Advances on Radio Access and Security Methods in 5G Networks. IEEE Access, 2019, 7, 185001-185011.	2.6	0
227	Green Communication and Computation Offloading in Ultra-Dense Networks. , 2019, , .		2
228	Adaptive Video Streaming in Software-Defined Mobile Networks: A Deep Reinforcement Learning Approach. , 2019, , .		3
229	Ieee Access Special Section Editorial: Cloud and Big Data-Based Next-Generation Cognitive Radio Networks. IEEE Access, 2019, 7, 180354-180360.	2.6	0
230	Service Function Chain Embedding for NFV-Enabled IoT Based on Deep Reinforcement Learning. IEEE Communications Magazine, 2019, 57, 102-108.	4.9	52
231	Collaborative Vehicular Edge Computing Networks: Architecture Design and Research Challenges. IEEE Access, 2019, 7, 178942-178952.	2.6	44
232	A Novel Framework of Vehicle Ad-Hoc Networks based on Virtualization and Distributed Ledger Technology. , 2019, , .		5
233	A Service-Oriented Permissioned Blockchain for the Internet of Things. IEEE Transactions on Services Computing, 2019, , 1-1.	3.2	30
234	Resource Allocation for Ultra-Dense Networks: A Survey, Some Research Issues and Challenges. IEEE Communications Surveys and Tutorials, 2019, 21, 2134-2168.	24.8	113

#	ARTICLE	IF	CITATIONS
235	Feasibility Analysis and Clustering for Interference Alignment in Full-Duplex-Based Small Cell Networks. IEEE Transactions on Communications, 2019, 67, 807-819.	4.9	17
236	Robust Energy-Efficient Resource Allocation for IoT-Powered Cyber-Physical-Social Smart Systems With Virtualization. IEEE Internet of Things Journal, 2019, 6, 2413-2426.	5.5	26
237	Trust management for secure cognitive radio vehicular ad hoc networks. Ad Hoc Networks, 2019, 86, 154-165.	3.4	45
238	Joint Optimization of Caching, Computing, and Radio Resources for Fog-Enabled IoT Using Natural Actor-Critic Deep Reinforcement Learning. IEEE Internet of Things Journal, 2019, 6, 2061-2073.	5.5	227
239	Enabling Low-Latency Applications in LTE-A Based Mixed Fog/Cloud Computing Systems. IEEE Transactions on Vehicular Technology, 2019, 68, 1757-1771.	3.9	69
240	Computation Offloading and Resource Allocation in Vehicular Networks Based on Dual-Side Cost Minimization. IEEE Transactions on Vehicular Technology, 2019, 68, 1079-1092.	3.9	214
241	Privacy-Preserving Content Dissemination for Vehicular Social Networks: Challenges and Solutions. IEEE Communications Surveys and Tutorials, 2019, 21, 1314-1345.	24.8	114
242	Caching Unmanned Aerial Vehicle-Enabled Small-Cell Networks: Employing Energy-Efficient Methods That Store and Retrieve Popular Content. IEEE Vehicular Technology Magazine, 2019, 14, 71-79.	2.8	54
243	Interference Alignment With Adaptive Power Allocation in Full-Duplex-Enabled Small Cell Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 3010-3015.	3.9	17
244	Power-Constrained Edge Computing With Maximum Processing Capacity for IoT Networks. IEEE Internet of Things Journal, 2019, 6, 4330-4343.	5.5	43
245	Distributed Resource Allocation in Blockchain-Based Video Streaming Systems With Mobile Edge Computing. IEEE Transactions on Wireless Communications, 2019, 18, 695-708.	6.1	182
246	Blockchain-Based Software-Defined Industrial Internet of Things: A Dueling Deep Q-Learning Approach. IEEE Internet of Things Journal, 2019, 6, 4627-4639.	5.5	142
247	Simultaneous Wireless Information and Power Transfer at 5G New Frequencies: Channel Measurement and Network Design. IEEE Journal on Selected Areas in Communications, 2019, 37, 171-186.	9.7	35
248	A novel QoS-enabled load scheduling algorithm based on reinforcement learning in software-defined energy internet. Future Generation Computer Systems, 2019, 92, 43-51.	4.9	26
249	Proactive Jamming Toward Interference Alignment Networks: Beneficial and Adversarial Aspects. IEEE Systems Journal, 2019, 13, 412-423.	2.9	16
250	Big Data Analytics in Intelligent Transportation Systems: A Survey. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 383-398.	4.7	634
251	Deep Q-Learning Based Computation Offloading Strategy for Mobile Edge Computing. Computers, Materials and Continua, 2019, 59, 89-104.	1.5	40
252	User Scheduling and Resource Allocation in HetNets With Hybrid Energy Supply: An Actor-Critic Reinforcement Learning Approach. IEEE Transactions on Wireless Communications, 2018, 17, 680-692.	6.1	226

#	ARTICLE	IF	CITATIONS
253	A Survey of Mobile Information-Centric Networking: Research Issues and Challenges. IEEE Communications Surveys and Tutorials, 2018, 20, 2353-2371.	24.8	147
254	Caching UAV Assisted Secure Transmission in Hyper-Dense Networks Based on Interference Alignment. IEEE Transactions on Communications, 2018, 66, 2281-2294.	4.9	263
255	A Survey on Access Control in Fog Computing. , 2018, 56, 144-149.		86
256	A Multi-Level DDoS Mitigation Framework for the Industrial Internet of Things. , 2018, 56, 30-36.		143
257	Joint Resource Allocation for Software-Defined Networking, Caching, and Computing. IEEE/ACM Transactions on Networking, 2018, 26, 274-287.	2.6	54
258	Auditing Big Data Storage in Cloud Computing Using Divide and Conquer Tables. IEEE Transactions on Parallel and Distributed Systems, 2018, 29, 999-1012.	4.0	57
259	Optimization or Alignment: Secure Primary Transmission Assisted by Secondary Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 905-917.	9.7	118
260	Virtualization for Distributed Ledger Technology (vDLT). IEEE Access, 2018, 6, 25019-25028.	2.6	99
261	Distributed Resource Allocation for Data Center Networks: A Hierarchical Game Approach. IEEE Transactions on Cloud Computing, 2018, , 1-1.	3.1	25
262	Load Balancing in Data Center Networks: A Survey. IEEE Communications Surveys and Tutorials, 2018, 20, 2324-2352.	24.8	115
263	Cache-Enabled Adaptive Video Streaming Over Vehicular Networks: A Dynamic Approach. IEEE Transactions on Vehicular Technology, 2018, 67, 5445-5459.	3.9	66
264	UAV Trajectory Optimization for Data Offloading at the Edge of Multiple Cells. IEEE Transactions on Vehicular Technology, 2018, 67, 6732-6736.	3.9	270
265	Resource Allocation in Topology Management of Asymmetric Interference Networks. IEEE Systems Journal, 2018, 12, 993-1003.	2.9	7
266	Power allocation in small cell networks with full-duplex self-backhauled and massive MIMO. Wireless Networks, 2018, 24, 1083-1098.	2.0	7
267	Artificial Noise Assisted Secure Interference Networks With Wireless Power Transfer. IEEE Transactions on Vehicular Technology, 2018, 67, 1087-1098.	3.9	93
268	A novel context-aware recommendation algorithm with two-level SVD in social networks. Future Generation Computer Systems, 2018, 86, 1459-1470.	4.9	37
269	Video Transcoding, Caching, and Multicast for Heterogeneous Networks Over Wireless Network Virtualization. IEEE Communications Letters, 2018, 22, 141-144.	2.5	19
270	Integration of Networking, Caching, and Computing in Wireless Systems: A Survey, Some Research Issues, and Challenges. IEEE Communications Surveys and Tutorials, 2018, 20, 7-38.	24.8	107

#	ARTICLE	IF	CITATIONS
271	Virtual Resource Allocation for Heterogeneous Services in Full Duplex-Enabled SCNs With Mobile Edge Computing and Caching. IEEE Transactions on Vehicular Technology, 2018, 67, 1794-1808.	3.9	75
272	Hybrid Half-Duplex/Full-Duplex Cooperative Non-Orthogonal Multiple Access With Transmit Power Adaptation. IEEE Transactions on Wireless Communications, 2018, 17, 506-519.	6.1	105
273	Energy-Efficiency Versus Delay Tradeoff in Wireless Networks Virtualization. IEEE Transactions on Vehicular Technology, 2018, 67, 837-841.	3.9	29
274	Integrated System of Networking, Caching, and Computing. , 2018, , 1-5.		0
275	Integrated Computing, Caching, and Communication for Trust-Based Social Networks: A Big Data DRL Approach. , 2018, , .		13
276	Deep Reinforcement Learning (DRL)-Based Transcoder Selection for Blockchain-Enabled Video Streaming. , 2018, , .		5
277	Permissioned Blockchain-Based Distributed Software-Defined Industrial Internet of Things. , 2018, , .		17
278	Enabling Adaptive Data Prefetching in 5G Mobile Networks with Edge Caching. , 2018, , .		3
279	A Machine Learning Approach for Software-Defined Vehicular Ad Hoc Networks with Trust Management. , 2018, , .		36
280	Resource Allocation for Video Transcoding and Delivery Based on Mobile Edge Computing and Blockchain. , 2018, , .		13
281	Joint Offloading and Resource Allocation in Mobile Edge Computing Systems: An Actor-Critic Approach. , 2018, , .		31
282	Security and Privacy of Smart Cities: Issues and Challenge. , 2018, , .		7
283	A Deep Reinforcement Learning-based Trust Management Scheme for Software-defined Vehicular Networks. , 2018, , .		28
284	Over-the-Air Computation for Cooperative Wideband Spectrum Sensing and Performance Analysis. IEEE Transactions on Vehicular Technology, 2018, 67, 10603-10614.	3.9	32
285	Cooperative Video Transmission Strategies via Caching in Small-Cell Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 12204-12217.	3.9	8
286	Privacy Protection via Beamforming Optimization in MISO NOMA Networks. , 2018, , .		1
287	Cache-Aware Multicast Beamforming Design for Multicell Multigroup Multicast. IEEE Transactions on Vehicular Technology, 2018, 67, 11681-11693.	3.9	16
288	Blockchain-Based Distributed Software-Defined Vehicular Networks via Deep Q-Learning. , 2018, , .		23

#	ARTICLE	IF	CITATIONS
289	Distributed Resource Allocation and Computation Offloading in Fog and Cloud Networks With Non-Orthogonal Multiple Access. IEEE Transactions on Vehicular Technology, 2018, 67, 12137-12151.	3.9	105
290	Communications, Caching, and Computing for Next Generation HetNets. IEEE Wireless Communications, 2018, 25, 104-111.	6.6	23
291	Economical Revenue Maximization in Cache Enhanced Mobile Edge Computing. , 2018, , .		12
292	Green Machine-to-Machine Communications with Mobile Edge Computing and Wireless Network Virtualization. , 2018, 56, 148-154.		43
293	Communications and Networking for Connected Vehicles. Wireless Communications and Mobile Computing, 2018, 2018, 1-4.	0.8	3
294	IEEE Access Special Section Editorial: Exploiting the Benefits of Interference in Wireless Networks: Energy Harvesting and Security. IEEE Access, 2018, 6, 30612-30616.	2.6	0
295	Self-optimizing interference management for non-orthogonal multiple access in ultra-dense networks. , 2018, , .		2
296	Secure Social Networks in 5G Systems with Mobile Edge Computing, Caching, and Device-to-Device Communications. IEEE Wireless Communications, 2018, 25, 103-109.	6.6	87
297	Caching UAV Assisted Secure Transmission in Small-Cell Networks. , 2018, , .		6
298	Secondary Transceiver Design for Secure Primary Transmission. , 2018, , .		0
299	Software-Defined Vehicular Networks with Caching and Computing for Delay-Tolerant Data Traffic. , 2018, , .		10
300	Joint Access and Resource Management for Delay-Sensitive Transcoding in Ultra-Dense Networks with Mobile Edge Computing. , 2018, , .		12
301	Computation Offloading and Resource Allocation in D2D-Enabled Mobile Edge Computing. , 2018, , .		16
302	Joint User Scheduling and Content Caching Strategy for Mobile Edge Networks Using Deep Reinforcement Learning. , 2018, , .		34
303	Energy-Efficient Resource Allocation in Fog Computing Supported IoT with Min-Max Fairness Guarantees. , 2018, , .		7
304	An Intersection-Based Geographic Routing with Transmission Quality Guaranteed in Urban VANETs. , 2018, , .		9
305	Joint computation offloading and content caching for wireless blockchain networks. , 2018, , .		48
306	Dynamic IoT Device Clustering and Energy Management With Hybrid NOMA Systems. IEEE Transactions on Industrial Informatics, 2018, 14, 4622-4630.	7.2	61

#	ARTICLE	IF	CITATIONS
307	Hybrid computation offloading in fog and cloud networks with non-orthogonal multiple access. , 2018, , .		26
308	Computation Offloading and Content Caching in Wireless Blockchain Networks With Mobile Edge Computing. IEEE Transactions on Vehicular Technology, 2018, 67, 11008-11021.	3.9	193
309	Enhancing Video Rate Adaptation With Mobile Edge Computing and Caching in Software-Defined Mobile Networks. IEEE Transactions on Wireless Communications, 2018, 17, 7013-7026.	6.1	38
310	Over-the-Air Computation for IoT Networks: Computing Multiple Functions With Antenna Arrays. IEEE Internet of Things Journal, 2018, 5, 5296-5306.	5.5	87
311	User Oriented Resource Management With Virtualization: A Hierarchical Game Approach. IEEE Access, 2018, 6, 37070-37083.	2.6	7
312	Handoff Management in Wireless Communication-Based Train Control Systems. , 2018, , 1-8.		0
313	Interference Mitigation in Wireless Communications-Based Train Control (CBTC), Cognitive Control Approach. , 2018, , 1-5.		0
314	Challenges and Broader Perspectives. , 2018, , 215-226.		0
315	Resource Allocation for 3C-Enabled HetNets. , 2018, , 95-124.		0
316	A decision theoretic approach for clustering and rate allocation in coordinated multi-point (CoMP) networks with delayed channel state information. Transactions on Emerging Telecommunications Technologies, 2017, 28, e2831.	2.6	4
317	Distributed Energy Consumption Management in Green Content-Centric Networks via Dual Decomposition. IEEE Systems Journal, 2017, 11, 625-636.	2.9	15
318	Interference Alignment in Virtualized Heterogeneous Cellular Networks With Imperfect Channel State Information. IEEE Transactions on Vehicular Technology, 2017, 66, 1519-1532.	3.9	11
319	Antijamming Schemes for Interference-Alignment-Based Wireless Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 1271-1283.	3.9	29
320	Topology evolution model for ad hoc cellular hybrid networks based on complex network theory. International Journal of Communication Systems, 2017, 30, e3119.	1.6	2
321	Information-Centric Wireless Networks with Virtualization and D2D Communications. IEEE Wireless Communications, 2017, 24, 104-111.	6.6	21
322	Handoff Performance Improvements in an Integrated Train-Ground Communication System Based on Wireless Network Virtualization. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 1165-1178.	4.7	13
323	To Align or Not to Align: Topology Management in Asymmetric Interference Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 7164-7177.	3.9	17
324	Object detection among multimedia big data in the compressive measurement domain under mobile distributed architecture. Future Generation Computer Systems, 2017, 76, 519-527.	4.9	9

#	ARTICLE	IF	CITATIONS
325	Joint Computation Offloading and Interference Management in Wireless Cellular Networks with Mobile Edge Computing. IEEE Transactions on Vehicular Technology, 2017, 66, 7432-7445.	3.9	311
326	Joint Access Selection and Resource Allocation in Cache-Enabled HCNs with D2D Communications. , 2017, , .		17
327	Guest Editorial Advanced Information and Communication Technology for Connected Vehicles and Autonomous Vehicles. IEEE Transactions on Vehicular Technology, 2017, 66, 4515-4516.	3.9	1
328	Computation Offloading and Resource Allocation in Wireless Cellular Networks With Mobile Edge Computing. IEEE Transactions on Wireless Communications, 2017, 16, 4924-4938.	6.1	560
329	Collusive Eavesdropping in Interference Alignment Based Wireless Networks. IEEE Transactions on Wireless Communications, 2017, 16, 5549-5561.	6.1	8
330	Exploiting Interference for Energy Harvesting: A Survey, Research Issues, and Challenges. IEEE Access, 2017, 5, 10403-10421.	2.6	107
331	A Survey on Compressed Sensing in Vehicular Infotainment Systems. IEEE Communications Surveys and Tutorials, 2017, 19, 2662-2680.	24.8	71
332	Disrupting Anti-Jamming Interference Alignment Sensor Networks with Optimal Signal Design. , 2017, 1, 1-4.		4
333	Industrial Internet: A Survey on the Enabling Technologies, Applications, and Challenges. IEEE Communications Surveys and Tutorials, 2017, 19, 1504-1526.	24.8	334
334	FlowTrace: measuring round-trip time and tracing path in software-defined networking with low communication overhead. Frontiers of Information Technology and Electronic Engineering, 2017, 18, 206-219.	1.5	11
335	Effective software-defined networking controller scheduling method to mitigate DDoS attacks. Electronics Letters, 2017, 53, 469-471.	0.5	41
336	Computing Resource Allocation in Three-Tier IoT Fog Networks: A Joint Optimization Approach Combining Stackelberg Game and Matching. IEEE Internet of Things Journal, 2017, 4, 1204-1215.	5.5	282
337	An Integrated Framework for Software Defined Networking, Caching, and Computing. IEEE Network, 2017, 31, 46-55.	4.9	24
338	Random Access and Virtual Resource Allocation in Software-Defined Cellular Networks With Machine-to-Machine Communications. IEEE Transactions on Vehicular Technology, 2017, 66, 6399-6414.	3.9	34
339	Exploiting Adversarial Jamming Signals for Energy Harvesting in Interference Networks. IEEE Transactions on Wireless Communications, 2017, 16, 1267-1280.	6.1	86
340	Grouping and Cooperating Among Access Points in User-Centric Ultra-Dense Networks With Non-Orthogonal Multiple Access. IEEE Journal on Selected Areas in Communications, 2017, 35, 2295-2311.	9.7	62
341	Fog Vehicular Computing: Augmentation of Fog Computing Using Vehicular Cloud Computing. IEEE Vehicular Technology Magazine, 2017, 12, 55-64.	2.8	158
342	Optimization of cache-enabled opportunistic interference alignment wireless networks: A big data deep reinforcement learning approach. , 2017, , .		49

#	ARTICLE	IF	CITATIONS
343	Joint computation and radio resource management for cellular networks with mobile edge computing. , 2017, , .		8
344	Enhancing mobile edge caching with bandwidth provisioning in software-defined mobile networks. , 2017, , .		7
345	Enhancing QoE-Aware Wireless Edge Caching With Software-Defined Wireless Networks. IEEE Transactions on Wireless Communications, 2017, 16, 6912-6925.	6.1	62
346	Securing Outsourced Data in the Multi-Authority Cloud with Fine-Grained Access Control and Efficient Attribute Revocation. Computer Journal, 2017, 60, 1210-1222.	1.5	22
347	Resource Allocation for Information-Centric Virtualized Heterogeneous Networks With In-Network Caching and Mobile Edge Computing. IEEE Transactions on Vehicular Technology, 2017, 66, 11339-11351.	3.9	140
348	Energy-efficient M2M communications with mobile edge computing in virtualized cellular networks. , 2017, , .		11
349	Joint computation offloading, resource allocation and content caching in cellular networks with mobile edge computing. , 2017, , .		28
350	Software-Defined Networks with Mobile Edge Computing and Caching for Smart Cities: A Big Data Deep Reinforcement Learning Approach. , 2017, 55, 31-37.		295
351	Deep-Reinforcement-Learning-Based Optimization for Cache-Enabled Opportunistic Interference Alignment Wireless Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 10433-10445.	3.9	233
352	Cross-Layer Power Allocation in Nonorthogonal Multiple Access Systems for Statistical QoS Provisioning. IEEE Transactions on Vehicular Technology, 2017, 66, 11388-11393.	3.9	22
353	Communication-Based Train Control System Performance Optimization Using Deep Reinforcement Learning. IEEE Transactions on Vehicular Technology, 2017, 66, 10705-10717.	3.9	53
354	A Survey on Large-Scale Software Defined Networking (SDN) Testbeds: Approaches and Challenges. IEEE Communications Surveys and Tutorials, 2017, 19, 891-917.	24.8	75
355	Attribute-based data access control in mobile cloud computing: Taxonomy and open issues. Future Generation Computer Systems, 2017, 72, 273-287.	4.9	71
356	Cooperative Cross-Layer Resource Allocation for Self-Healing in Interworking of WLAN and Femtocell Systems. IEEE Communications Letters, 2017, 21, 136-139.	2.5	10
357	A Cognitive Control Method for Cost-Efficient CBTC Systems With Smart Grids. IEEE Transactions on Intelligent Transportation Systems, 2017, 18, 568-582.	4.7	19
358	Double Auction Based Multi-Flow Transmission in Software-Defined and Virtualized Wireless Networks. IEEE Transactions on Wireless Communications, 2017, 16, 8390-8404.	6.1	22
359	Video Rate Adaptation and Traffic Engineering in Mobile Edge Computing and Caching-Enabled Wireless Networks. , 2017, , .		7
360	Resource Allocation in Software-Defined and Information-Centric Vehicular Networks with Mobile Edge Computing. , 2017, , .		23

#	ARTICLE	IF	CITATIONS
361	Power Allocation for Cooperative Non-Orthogonal Multiple Access Systems. , 2017, , .		6
362	Dynamic Quality Adaptation and Bandwidth Allocation for Adaptive Streaming Over Time-Varying Wireless Networks. IEEE Transactions on Wireless Communications, 2017, 16, 8077-8091.	6.1	21
363	Deep Reinforcement Learning (DRL)-based Resource Management in Software-Defined and Virtualized Vehicular Ad Hoc Networks. , 2017, , .		27
364	A cognitive control approach to interference mitigation in communications-based train control (CBTC) co-existing with passenger information systems (PISs). Eurasip Journal on Wireless Communications and Networking, 2017, 2017, .	1.5	4
365	Future internet architecture and testbeds. China Communications, 2017, 14, iii-iv.	2.0	1
366	Energy-efficient resource allocation in software-defined mobile networks with mobile edge computing and caching. , 2017, , .		23
367	A cooperative video-streaming transmission strategy in information-centric networks. , 2017, , .		2
368	Joint Resource Allocation in Cache-Enabled Small Cell Networks with Massive MIMO and Full Duplex. , 2017, , .		5
369	Virtual resource allocation for information-centric heterogeneous networks with mobile edge computing. , 2017, , .		6
370	Power Allocation in HetNets with Hybrid Energy Supply Using Actor-Critic Reinforcement Learning. , 2017, , .		16
371	Power Allocation for Full-Duplex Cooperative Non-Orthogonal Multiple Access Systems. , 2017, , .		16
372	Internal Collusive Eavesdropping of Interference Alignment Networks. , 2017, , .		1
373	Beneficial jamming design for interference alignment networks. , 2017, , .		1
374	Virtual resource allocation for heterogeneous services in full duplex-enabled small cell networks with cache and MEC. , 2017, , .		7
375	Secure Data Sharing for Vehicular Ad-hoc Networks Using Cloud Computing. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 306-315.	0.2	13
376	Economics and Optimizations in Wireless Communication Networks. Mobile Information Systems, 2016, 2016, 1-2.	0.4	1
377	The offloading model for green base stations in hybrid energy networks with multiple objectives. International Journal of Communication Systems, 2016, 29, 1805-1816.	1.6	9
378	Traffic Aware Energy Management in Cellular Networks with Renewable Energy Powered Base Stations. , 2016, , .		3

#	ARTICLE	IF	CITATIONS
379	Connected Vehicles for Intelligent Transportation Systems [Guest editorial]. IEEE Transactions on Vehicular Technology, 2016, 65, 3843-3844.	3.9	14
380	Why Did You Opt to Switch off Me? Big Data for Green Software Defined Networking. , 2016, , .		0
381	Joint Resource Allocation for Software Defined Networking, Caching and Computing. , 2016, , .		6
382	Random Access and Resource Allocation in Software-Defined Cellular Networks with M2M Communications. , 2016, , .		0
383	Securing cognitive radio vehicular Ad hoc networks with trusted lightweight cloud computing. , 2016, , .		5
384	Bandwidth Provisioning in Cache-Enabled Software-Defined Mobile Networks: A Robust Optimization Approach. , 2016, , .		5
385	A double auction mechanism for virtual resource allocation in SDN-based cellular network. , 2016, , .		17
386	Caching resource sharing in radio access networks: a game theoretic approach. Frontiers of Information Technology and Electronic Engineering, 2016, 17, 1253-1265.	1.5	12
387	Wireless energy harvesting in interference alignment networks with adversarial jammers. , 2016, , .		4
388	Random Access Optimization for M2M Communications in VANET with Wireless Network Virtualization. , 2016, , .		3
389	An anti-eavesdropping interference alignment scheme with wireless power transfer. , 2016, , .		2
390	Anti-Eavesdropping Schemes for Interference Alignment (IA)-Based Wireless Networks. IEEE Transactions on Wireless Communications, 2016, 15, 5719-5732.	6.1	59
391	Fairness Resource Allocation for Parallel Multi-Radio Access in Cognitive Multi-Cell. Wireless Personal Communications, 2016, 88, 587-602.	1.8	3
392	Interference Alignment and Its Applications: A Survey, Research Issues, and Challenges. IEEE Communications Surveys and Tutorials, 2016, 18, 1779-1803.	24.8	163
393	Energy-efficiency resource allocation for cognitive heterogeneous networks with imperfect channel state information. IET Communications, 2016, 10, 1312-1319.	1.5	11
394	Resource allocation and user association for HTTP adaptive streaming in heterogeneous cellular networks with small cells. China Communications, 2016, 13, 1-11.	2.0	12
395	Fog computing in multi-tier data center networks: A hierarchical game approach. , 2016, , .		60
396	Green Full-Duplex Self-Backhaul and Energy Harvesting Small Cell Networks With Massive MIMO. IEEE Journal on Selected Areas in Communications, 2016, 34, 3709-3724.	9.7	178

#	ARTICLE	IF	CITATIONS
397	Communications, caching, and computing oriented small cell networks with interference alignment. , 2016, 54, 29-35.		93
398	Resource Allocation in Topology Management of Asymmetric Wireless Interference Networks. , 2016, , .		4
399	Secure Transmission in Interference Alignment (IA)-Based Networks with Artificial Noise. , 2016, , .		5
400	Special issue on future network: software-defined networking. Frontiers of Information Technology and Electronic Engineering, 2016, 17, 603-605.	1.5	1
401	An Integrated Train-€Ground Communication System Using Wireless Network Virtualization: Security and Quality of Service Provisioning. IEEE Transactions on Vehicular Technology, 2016, 65, 9607-9616.	3.9	17
402	Handoff performance improvement in a network virtualization based integrated train ground communication system. , 2016, , .		1
403	Physical layer security issues in interference- alignment-based wireless networks. , 2016, 54, 162-168.		125
404	A full-duplex self-backhaul scheme for small cell networks with massive MIMO. , 2016, , .		13
405	Energy harvesting small cell networks with full-duplex self-backhaul and massive MIMO. , 2016, , .		6
406	A Novel Framework of Data-Driven Networking. IEEE Access, 2016, 4, 9066-9072.	2.6	15
407	Topology Evolution Model for Cognitive Ad Hoc Networks Based on Complex Network Theory. , 2016, , .		1
408	Software Defined Networking, Caching, and Computing for Green Wireless Networks. , 2016, 54, 185-193.		72
409	Software-defined Vehicular Ad Hoc Networks with Trust Management. , 2016, , .		20
410	Joint user association and rate allocation for HTTP adaptive streaming in heterogeneous cellular networks. , 2016, , .		5
411	Guest Editorial Connected Vehicles for Safer, Greener, and More Efficient Transportation. IEEE Transactions on Vehicular Technology, 2016, 65, 9455-9456.	3.9	3
412	A Joint Cross-Layer and Colayer Interference Management Scheme in Hyperdense Heterogeneous Networks Using Mean-Field Game Theory. IEEE Transactions on Vehicular Technology, 2016, 65, 1522-1535.	3.9	42
413	Information-Centric Virtualized Cellular Networks With Device-to-Device Communications. IEEE Transactions on Vehicular Technology, 2016, 65, 9319-9329.	3.9	39
414	Distributed Resource Allocation in Virtualized Full-Duplex Relaying Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 8444-8460.	3.9	14

#	ARTICLE	IF	CITATIONS
415	Queuing Analysis of Two-Hop Relay Technology in LTE/LTE-A Networks With Unsaturated and Asymmetric Traffic. IEEE Internet of Things Journal, 2016, 3, 378-385.	5.5	10
416	Big Data Analytics in Mobile Cellular Networks. IEEE Access, 2016, 4, 1985-1996.	2.6	140
417	Transport Control Strategies in Named Data Networking: A Survey. IEEE Communications Surveys and Tutorials, 2016, 18, 2052-2083.	24.8	54
418	Virtual Resource Management in Green Cellular Networks With Shared Full-Duplex Relaying and Wireless Virtualization: A Game-Based Approach. IEEE Transactions on Vehicular Technology, 2016, 65, 7529-7542.	3.9	23
419	Energy-Efficient Communication-Based Train Control Systems With Packet Delay and Loss. IEEE Transactions on Intelligent Transportation Systems, 2016, 17, 452-468.	4.7	29
420	When big data meets software-defined networking: SDN for big data and big data for SDN. IEEE Network, 2016, 30, 58-65.	4.9	238
421	Modeling of Radio Channels With Leaky Coaxial Cable for LTE-M Based CBTC Systems. IEEE Communications Letters, 2016, 20, 1038-1041.	2.5	37
422	Virtual Resource Allocation in Software-Defined Information-Centric Cellular Networks With Device-to-Device Communications and Imperfect CSI. IEEE Transactions on Vehicular Technology, 2016, 65, 10011-10021.	3.9	55
423	VLAN-reusing: A novel solution for efficient network virtualization. Intelligent Automation and Soft Computing, 2016, 22, 543-549.	1.6	1
424	Virtual Resource Allocation in Information-Centric Wireless Networks With Virtualization. IEEE Transactions on Vehicular Technology, 2016, 65, 9902-9914.	3.9	97
425	Software-Defined Device-to-Device (D2D) Communications in Virtual Wireless Networks With Imperfect Network State Information (NSI). IEEE Transactions on Vehicular Technology, 2016, 65, 7349-7360.	3.9	66
426	Software-Defined Networking (SDN) and Distributed Denial of Service (DDoS) Attacks in Cloud Computing Environments: A Survey, Some Research Issues, and Challenges. IEEE Communications Surveys and Tutorials, 2016, 18, 602-622.	24.8	599
427	Distributed Virtual Resource Allocation in Small-Cell Networks With Full-Duplex Self-Backhauls and Virtualization. IEEE Transactions on Vehicular Technology, 2016, 65, 5410-5423.	3.9	68
428	Optimal Transceiver Design for SWIPT in γ -Fading Channels With Imperfect Channel State Information. IEEE Transactions on Wireless Communications, 2016, 15, 430-445.	6.1	98
429	An Energy-Efficient Resource Allocation and Interference Management Scheme in Green Heterogeneous Networks Using Game Theory. IEEE Transactions on Vehicular Technology, 2016, 65, 5384-5396.	3.9	45
430	Interference Alignment Based on Antenna Selection With Imperfect Channel State Information in Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 5497-5511.	3.9	81
431	Adaptive Power Allocation Schemes for Spectrum Sharing in Interference-Alignment-Based Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 3700-3714.	3.9	182
432	Dynamic Operations of Cloud Radio Access Networks (C-RAN) for Mobile Cloud Computing Systems. IEEE Transactions on Vehicular Technology, 2016, 65, 1536-1548.	3.9	57

#	ARTICLE	IF	CITATIONS
433	Distributed Resource Allocation for Virtualized Small Cell Networks with Full Duplex Self-Backhauls. , 2015, , .		1
434	A Novel Massive MIMO Precoding Scheme for Next Generation Heterogeneous Networks. , 2015, , .		10
435	Green cellular networks with renewable energy resources using Stream Control Transmission Protocol (SCTP). , 2015, , .		0
436	A novel anti-jamming scheme for interference alignment (IA)-based wireless networks. , 2015, , .		6
437	A distributed energy-efficient algorithm in green Content-Centric Networks. , 2015, , .		6
438	Mobile Virtual Network Admission Control and Resource Allocation for Wireless Network Virtualization: A Robust Optimization Approach. , 2015, , .		8
439	Wireless energy harvesting in interference alignment networks. , 2015, 53, 72-78.		104
440	Information-centric network function virtualization over 5g mobile wireless networks. IEEE Network, 2015, 29, 68-74.	4.9	199
441	Privacy-preserving distributed cooperative spectrum sensing in multi-channel cognitive radio MANETs. , 2015, , .		5
442	A trust based framework for both spectrum sensing and data transmission in CR-MANETs. , 2015, , .		1
443	Cognitive Control Method for Cost-Efficient Communication-Based Train Control Systems in Smart Grids. , 2015, , .		0
444	In-band full-duplex relaying for 5G cellular networks with wireless virtualization. IEEE Network, 2015, 29, 54-61.	4.9	25
445	IEEE Access Special Section Editorial: Emerging Cloud-Based Wireless Communications and Networks. IEEE Access, 2015, 3, 3122-3124.	2.6	4
446	Cooperative and cognitive wireless networks for communication-based train control (CBTC) systems. , 2015, , .		1
447	Energy-efficient dynamic power allocation in multi-antenna transmissions with imperfect channel estimation and feedback. Electronics Letters, 2015, 51, 1711-1713.	0.5	1
448	A Survey of Green Information-Centric Networking: Research Issues and Challenges. IEEE Communications Surveys and Tutorials, 2015, 17, 1455-1472.	24.8	179
449	In-Band Full-Duplex Relaying: A Survey, Research Issues and Challenges. IEEE Communications Surveys and Tutorials, 2015, 17, 500-524.	24.8	427
450	A Cognitive Control Approach to Communication-Based Train Control Systems. IEEE Transactions on Intelligent Transportation Systems, 2015, 16, 1676-1689.	4.7	37

#	ARTICLE	IF	CITATIONS
451	Wireless virtualization for next generation mobile cellular networks. IEEE Wireless Communications, 2015, 22, 61-69.	6.6	131
452	Opportunistic communications in interference alignment networks with wireless power transfer. IEEE Wireless Communications, 2015, 22, 88-95.	6.6	161
453	Modeling of miss-probability in content-centric networking. Science China Information Sciences, 2015, 58, 1-13.	2.7	8
454	Interference alignment with delayed channel state information and dynamic AR-model channel prediction in wireless networks. Wireless Networks, 2015, 21, 1227-1242.	2.0	30
455	Cooperative and cognitive wireless networks for train control systems. Wireless Networks, 2015, 21, 2545-2559.	2.0	2
456	An Energy-Efficient User Location-Aware Switch-Off Method for LTE-A Cellular Networks. Wireless Personal Communications, 2015, 84, 1817-1833.	1.8	1
457	Joint Cloud and Wireless Networks Operations in Mobile Cloud Computing Environments With Telecom Operator Cloud. IEEE Transactions on Wireless Communications, 2015, 14, 4020-4033.	6.1	62
458	Distributed denial of service attacks in software-defined networking with cloud computing. , 2015, 53, 52-59.		182
459	Towards a distributed TCP improvement through individual contention control in wireless networks. , 2015, , .		0
460	Virtual resource allocation in information-centric wireless virtual networks. , 2015, , .		15
461	Navigation Data-Assisted Opportunistic Spectrum Scheduling for Network-Based UAV Systems: A Parallel Restless Bandits Formulation. Wireless Personal Communications, 2015, 85, 29-48.	1.8	5
462	Distributed resource allocation in virtualized wireless cellular networks based on ADMM. , 2015, , .		31
463	Wireless power transfer based on angle switching in interference alignment wireless networks. , 2015, , .		4
464	Dynamic spectrum management for heterogeneous UAV networks with navigation data assistance. , 2015, , .		4
465	Adaptive Energy-Efficient Power Allocation in Green Interference-Alignment-Based Wireless Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 4268-4281.	3.9	62
466	A Novel Interference Alignment Scheme With a Full-Duplex MIMO Relay. IEEE Communications Letters, 2015, 19, 1798-1801.	2.5	9
467	Energy-Efficient Resource Allocation in Cellular Networks With Shared Full-Duplex Relaying. IEEE Transactions on Vehicular Technology, 2015, 64, 3711-3724.	3.9	43
468	An energy-efficient distributed in-network caching scheme for green content-centric networks. Computer Networks, 2015, 78, 119-129.	3.2	32

#	ARTICLE	IF	CITATIONS
469	Service availability analysis in communication-based train control systems using wireless local area networks. <i>Wireless Communications and Mobile Computing</i> , 2015, 15, 16-29.	0.8	3
470	Joint Relay Scheduling, Channel Access, and Power Allocation for Green Cognitive Radio Communications. <i>IEEE Journal on Selected Areas in Communications</i> , 2015, 33, 922-932.	9.7	37
471	Wireless Network Virtualization: A Survey, Some Research Issues and Challenges. <i>IEEE Communications Surveys and Tutorials</i> , 2015, 17, 358-380.	24.8	570
472	Interference-Aware Energy-Efficient Resource Allocation for OFDMA-Based Heterogeneous Networks With Incomplete Channel State Information. <i>IEEE Transactions on Vehicular Technology</i> , 2015, 64, 1036-1050.	3.9	83
473	Cooperative Spectrum Sensing with Trust Assistance for Cognitive Radio Vehicular Ad hoc Networks. , 2015, , .		16
474	Distributed Unit Commitment Scheduling in the Future Smart Grid with Intermittent Renewable Energy Resources and Stochastic Power Demands. <i>International Journal of Green Energy</i> , 2014, , 140416104557008.	2.1	5
475	Method to improve the performance of communication-based train control (CBTC) systems with transmission delays and packet drops. , 2014, , .		2
476	Trust Establishment Based on Bayesian Networks for Threat Mitigation in Mobile Ad Hoc Networks. , 2014, , .		9
477	Energy-Efficient Topology Management With Interference Cancellation in Cooperative Wireless Ad Hoc Networks. <i>IEEE Transactions on Network and Service Management</i> , 2014, 11, 405-416.	3.2	7
478	A novel communication-based train control (CBTC) system with coordinated multi-point transmission and reception. , 2014, , .		0
479	Distributed resource allocation in full-duplex relaying networks with wireless virtualization. , 2014, , .		17
480	A game theoretic approach for energy-efficient in-network caching in content-centric networks. <i>China Communications</i> , 2014, 11, 135-145.	2.0	8
481	Opportunistic interference alignment networks for simultaneous wireless information and power transfer through user selection. , 2014, , .		5
482	Energy-efficient communication-based train control (CBTC) systems with random delay and packet drop. , 2014, , .		5
483	Spectrum-efficient topology management of asymmetric interference alignment networks. , 2014, , .		6
484	MMSE-based transceiver design in multi-user MIMO relay systems with channel correlation and estimation errors. , 2014, , .		1
485	A distributed energy consumption optimization algorithm for content-centric networks via dual decomposition. , 2014, , .		4
486	Antenna selection and power splitting for simultaneous wireless information and power transfer in interference alignment networks. , 2014, , .		12

#	ARTICLE	IF	CITATIONS
487	Power allocation for interference alignment based cognitive radio networks. , 2014, , .		7
488	Performance improvement in Communication-Based Train Control (CBTC) Systems using cognitive control. , 2014, , .		2
489	Cloud computing meets mobile wireless communications in next generation cellular networks. IEEE Network, 2014, 28, 54-59.	4.9	62
490	A survey of energy-efficient caching in information-centric networking. , 2014, 52, 122-129.		79
491	Energy-efficient resource allocation in shared full-duplex relaying cellular networks. , 2014, , .		5
492	Enhancing cell edge users performance in open access small cells networks: A Cross layer approach. , 2014, , .		2
493	Joint cloud computing and wireless networks operations: A game theoretic approach. , 2014, , .		5
494	Distributed energy-efficient resource allocation with fairness in wireless multicell OFDMA networks. , 2014, , .		5
495	Resource sharing for software defined D2D communications in virtual wireless networks with imperfect NSI. , 2014, , .		6
496	Trust establishment in cooperative wireless relaying networks. Wireless Communications and Mobile Computing, 2014, 14, 1450-1470.	0.8	4
497	Performance improvements of communication-based train control (CBTC) systems with unreliable wireless networks. Wireless Networks, 2014, 20, 53-71.	2.0	15
498	Security Enhancements for Mobile Ad Hoc Networks With Trust Management Using Uncertain Reasoning. IEEE Transactions on Vehicular Technology, 2014, 63, 4647-4658.	3.9	141
499	A Mean Field Game Theoretic Approach for Security Enhancements in Mobile Ad hoc Networks. IEEE Transactions on Wireless Communications, 2014, 13, 1616-1627.	6.1	77
500	Design and Performance Enhancements in Communication-Based Train Control Systems With Coordinated Multipoint Transmission and Reception. IEEE Transactions on Intelligent Transportation Systems, 2014, 15, 1258-1272.	4.7	41
501	Green Cognitive Mobile Networks With Small Cells for Multimedia Communications in the Smart Grid Environment. IEEE Transactions on Vehicular Technology, 2014, 63, 2115-2126.	3.9	108
502	Distributed Cooperative Topology Control for WANETs With Opportunistic Interference Cancellation. IEEE Transactions on Vehicular Technology, 2014, 63, 789-801.	3.9	19
503	Energy-Efficient Topology Control With Selective Diversity in Cooperative Wireless Ad Hoc Networks: A Game-Theoretic Approach. IEEE Transactions on Wireless Communications, 2014, 13, 6484-6495.	6.1	32
504	Trust establishment with data fusion for secure routing in MANETs. , 2014, , .		3

#	ARTICLE	IF	CITATIONS
505	Guest Editorial: Smart Grid Communications Systems. IEEE Systems Journal, 2014, 8, 417-421.	2.9	6
506	Energy-efficient resource allocation in full-duplex relaying networks. , 2014, , .		27
507	Performance Improved Methods for Communication-Based Train Control Systems With Random Packet Drops. IEEE Transactions on Intelligent Transportation Systems, 2014, 15, 1179-1192.	4.7	44
508	Propagation modeling and MAC-layer performance in EM-based underwater sensor networks. , 2014, , .		3
509	Trust based security enhancements for vehicular ad hoc networks. , 2014, , .		18
510	Stochastic network collection point (NCP) selection in mobile sensor networks with cooperative communications. , 2014, , .		0
511	Simultaneous wireless information and power transfer in interference alignment networks. , 2014, , .		19
512	Joint cloud and radio resource management for video transmissions in mobile cloud computing networks. , 2014, , .		6
513	On throughput gain of interference alignment in multi-hop MIMO networks. , 2014, , .		0
514	Cloud radio access networks (C-RAN) in mobile cloud computing systems. , 2014, , .		27
515	Energy-efficient distributed in-network caching for Content-Centric Networks. , 2014, , .		19
516	Traffic-aware link scheduling with interference alignment for multi-user MIMO networks. , 2014, , .		1
517	Energy-efficient topology control with selective diversity in cooperative wireless ad hoc networks. , 2014, , .		1
518	QoS-aware dynamic resource management in heterogeneous mobile cloud computing networks. China Communications, 2014, 11, 144-159.	2.0	63
519	Progressive iterative channel estimation in fast time-varying OFDM systems. Journal of China Universities of Posts and Telecommunications, 2014, 21, 8-14.	0.8	1
520	Finite-State Markov Modeling for Wireless Channels in Tunnel Communication-Based Train Control Systems. IEEE Transactions on Intelligent Transportation Systems, 2014, 15, 1083-1090.	4.7	70
521	Communication-Based Train Control (CBTC) Systems With Cooperative Relaying: Design and Performance Analysis. IEEE Transactions on Vehicular Technology, 2014, 63, 2162-2172.	3.9	57
522	Distributed Resource Allocation for Virtualized Small Cell Networks with Full Duplex Self-Backhauls. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
523	Message from SDSN 2014 Workshop Chairs. , 2014, , .		0
524	A Novel Massive MIMO Precoding Scheme for Next Generation Heterogeneous Networks. , 2014, , .		0
525	Mobile Virtual Network Admission Control and Resource Allocation for Wireless Network Virtualization: A Robust Optimization Approach. , 2014, , .		1
526	Decoupling congestion control from TCP (semi-TCP) for multi-hop wireless networks. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, .	1.5	10
527	Interference Management and Power Allocation for Energy-Efficient Cognitive Femtocell Networks. Mobile Networks and Applications, 2013, 18, 578-590.	2.2	9
528	Reinforcement-Learning-Based Double Auction Design for Dynamic Spectrum Access in Cognitive Radio Networks. Wireless Personal Communications, 2013, 69, 771-791.	1.8	14
529	Energy-efficient cooperative spectrum sensing schemes for cognitive radio networks. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, .	1.5	28
530	Energy-efficient cognitive heterogeneous networks powered by the smart grid. , 2013, , .		16
531	Optimal transmission behaviour policies of secondary users in proactive-optimization cognitive radio networks. China Communications, 2013, 10, 1-17.	2.0	0
532	Performance improvements of interference alignment with multiuser diversity in cognitive radio networks. , 2013, , .		2
533	Security and quality of service (QoS) co-design in cooperative mobile ad hoc networks. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, .	1.5	20
534	Joint security and QoS provisioning in cooperative vehicular ad hoc networks. , 2013, , .		4
535	A green quasi-dynamic frequency resource division method for LTE-A relay systems. , 2013, , .		0
536	Coordinated Multi-Point (CoMP) adaptive estimation and prediction schemes using superimposed and decomposed channel tracking. , 2013, , .		2
537	A mean-field game approach for distributed interference and resource management in heterogeneous cellular networks. , 2013, , .		5
538	Finite-State Markov Modeling of Leaky Waveguide Channels in Communication-Based Train Control (CBTC) Systems. IEEE Communications Letters, 2013, 17, 1408-1411.	2.5	12
539	A Game-Theoretical Scheme in the Smart Grid With Demand-Side Management: Towards a Smart Cyber-Physical Power Infrastructure. IEEE Transactions on Emerging Topics in Computing, 2013, 1, 22-32.	3.2	92
540	Optimal Charging Control for Plug-in Electric Vehicles in Smart Microgrids Fueled by Renewable Energy Sources. International Journal of Green Energy, 2013, 10, 924-943.	2.1	7

#	ARTICLE	IF	CITATIONS
541	Capacity-optimized topology control for cooperative wireless networks with interference cancellation. , 2013, , .		1
542	A Novel Interference Alignment Scheme Based on Sequential Antenna Switching in Wireless Networks. IEEE Transactions on Wireless Communications, 2013, 12, 5008-5021.	6.1	65
543	Energy-Efficient Distributed Relay and Power Control in Cognitive Radio Cooperative Communications. IEEE Journal on Selected Areas in Communications, 2013, 31, 2442-2452.	9.7	62
544	Energy-efficient joint relay selection and power control for reliable cooperative communications. , 2013, , .		2
545	Medium Access Control for Unmanned Aerial Vehicle (UAV) Ad-Hoc Networks With Full-Duplex Radios and Multipacket Reception Capability. IEEE Transactions on Vehicular Technology, 2013, 62, 390-394.	3.9	86
546	A joint design of security and quality-of-service (QoS) provisioning in vehicular ad hoc networks with cooperative communications. Eurasip Journal on Wireless Communications and Networking, 2013, , .	1.5	8
547	Caching Design in Green Content Centric Networking Based on Chemical Reaction Optimization. , 2013, , .		3
548	QoS- and security-aware dynamic spectrum management for cyber-physical surveillance system. , 2013, , .		2
549	A distributed interference control scheme in large cellular networks using mean-field game theory. , 2013, , .		3
550	Interference-aware energy-efficient resource allocation for heterogeneous networks with incomplete channel state information. , 2013, , .		8
551	Distributed energy-efficient inter-cell interference control with BS sleep mode and user fairness in cellular networks. , 2013, , .		1
552	Improving throughput in highway transportation systems by entry control and virtual queue. , 2013, , .		5
553	Dynamic Sensor Scheduling for Thermal Management in Biological Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2013, 9, 794920.	1.3	1
554	Optimal Management of Rechargeable Biosensors in Temperature-Sensitive Environments. International Journal of Distributed Sensor Networks, 2013, 9, 635637.	1.3	1
555	Security enhancement for mobile ad hoc networks routing with OLSRv2. Proceedings of SPIE, 2013, , .	0.8	4
556	Optimal clustering and rate allocation for uplink coordinated multi-point (CoMP) systems with delayed channel state information (CSI). , 2013, , .		6
557	Energy Efficiency and Capacity Evaluation of LTE-Advanced Downlink CoMP Schemes Subject to Channel Estimation Errors and System Delay. , 2013, , .		2
558	A novel communication-based train control (CBTC) system with cooperative wireless relaying. , 2013, , .		3

#	ARTICLE	IF	CITATIONS
559	Stochastic predictive control for energy-efficient cooperative wireless cellular networks. , 2013, , .		2
560	Modeling of Communication-Based Train Control (CBTC) Radio Channel With Leaky Waveguide. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 1061-1064.	2.4	8
561	A delay tolerant control scheme for communication-based train control (CBTC) systems with unreliable wireless networks. , 2013, , .		2
562	An energy-efficient control scheme for communication-based train control (CBTC) systems with random packet drops. , 2013, , .		2
563	Finite-state Markov modeling of tunnel channels in communication-based train control (CBTC) systems. , 2013, , .		2
564	A novel interference alignment scheme based on antenna selection in cognitive radio networks. , 2013, , .		5
565	Securing vehicular ad hoc networks with mean field game theory. , 2013, , .		11
566	Mean field game theoretic approach for security in mobile ad-hoc networks. , 2013, , .		0
567	A key management scheme for tiered wireless sensor network with self-healing capability. , 2013, , .		1
568	A Survey on Energy Efficiency in Cellular Networks. Communications and Network, 2013, 05, 654-660.	0.6	9
569	Distributed scheduling for unmanned aerial vehicle networks with full-duplex radios and multi-packet reception. , 2012, , .		2
570	An energy-efficient cooperative spectrum sensing scheme for cognitive radio networks. , 2012, , .		19
571	Service availability analysis in communication-based train control (CBTC) systems using WLANs. , 2012, , .		4
572	Dynamic operation of BSs in green wireless cellular networks powered by the smart grid. , 2012, , .		5
573	MAC performance improvement in UAV ad-hoc networks with full-duplex radios and multi-packet reception capability. , 2012, , .		18
574	Dynamic energy-efficient resource allocation in cognitive heterogeneous wireless networks with the smart grid. , 2012, , .		9
575	Cell switch off technique combined with coordinated multi-point (CoMP) transmission for energy efficiency in beyond-LTE cellular networks. , 2012, , .		70
576	A token-based connectivity update scheme for unmanned aerial vehicle ad hoc networks. , 2012, , .		7

#	ARTICLE	IF	CITATIONS
577	Optimal joint base station and user equipment (BS-UE) admission control for energy-efficient green wireless cellular networks. , 2012, , .		1
578	Predictive Control for Energy Efficiency in Wireless Cellular Networks. , 2012, , .		4
579	Interference alignment through antenna switching to improve quality of service in wireless networks. , 2012, , .		2
580	Cross-Layer Handoff Design in Communication-Based Train Control (CBTC) Systems Using WLANs. , 2012, , .		1
581	Interference alignment based on channel prediction with delayed channel state information. , 2012, , .		14
582	When the Smart Grid Meets Energy-Efficient Communications: Green Wireless Cellular Networks Powered by the Smart Grid. IEEE Transactions on Wireless Communications, 2012, 11, 3014-3024.	6.1	196
583	Distributed consensus-based security mechanisms in cognitive radio mobile ad hoc networks. IET Communications, 2012, 6, 974.	1.5	43
584	Behavior modeling for spectrum sharing in wireless cognitive networks. Wireless Networks, 2012, 18, 929-947.	2.0	3
585	On QoE monitoring and E2E service assurance in 4G wireless networks. IEEE Wireless Communications, 2012, 19, 89-96.	6.6	31
586	TCP performance improvement in wireless networks with cooperative communications and network coding. , 2012, , .		1
587	Interference alignment for overlay cognitive radio based on game theory. , 2012, , .		2
588	Energy efficiency in reliable cooperative communications with retransmissions. , 2012, , .		5
589	Optimal transmission behavior policy of secondary users in proactive-optimization cognitive radio networks. , 2012, , .		1
590	Optimal Charging Control for Electric Vehicles in Smart Microgrids with Renewable Energy Sources. , 2012, , .		21
591	Handoff Performance Improvements in MIMO-Enabled Communication-Based Train Control Systems. IEEE Transactions on Intelligent Transportation Systems, 2012, 13, 582-593.	4.7	61
592	Energy-Efficient Resource Allocation for Heterogeneous Cognitive Radio Networks with Femtocells. IEEE Transactions on Wireless Communications, 2012, 11, 3910-3920.	6.1	208
593	Handoff management in communication-based train control networks using stream control transmission protocol and IEEE 802.11p WLANs. Eurasip Journal on Wireless Communications and Networking, 2012, 2012, .	1.5	11
594	Energy-efficient spectrum sharing and power allocation in cognitive radio femtocell networks. , 2012, , .		35

#	ARTICLE	IF	CITATIONS
595	Spectrum sharing and resource allocation for energy-efficient heterogeneous cognitive radio networks with femtocells. , 2012, , .		101
596	Outage capacity optimisation for cognitive radio networks with cooperative communications. IET Communications, 2012, 6, 1519.	1.5	5
597	A Survey of Security Challenges in Cognitive Radio Networks: Solutions and Future Research Directions. Proceedings of the IEEE, 2012, 100, 3172-3186.	16.4	226
598	Security and quality of service (QoS) co-design using game theory in cooperative wireless ad hoc networks. , 2012, , .		7
599	A game theoretic approach for security and Quality of Service (QoS) co-design in MANETs with cooperative communications. , 2012, , .		4
600	Improving performance of smart grid communications using multi-homing and multi-streaming offered by SCTP. , 2012, , .		2
601	Energy efficient cellular networks with CoMP communications and smart grid. , 2012, , .		2
602	Joint power allocation and beamforming with users selection for cognitive radio networks via discrete stochastic optimization. Wireless Networks, 2012, 18, 481-493.	2.0	10
603	Optimal reliable relay selection in multiuser cooperative relaying networks. Wireless Networks, 2012, 18, 591-603.	2.0	3
604	Joint authentication and quality of service provisioning in cooperative communication networks. Computer Communications, 2012, 35, 597-607.	3.1	12
605	Swarm mobility and its impact on performance of routing protocols in MANETs. Computer Communications, 2012, 35, 709-719.	3.1	10
606	Dynamic Resource Allocation for Heterogeneous Services in Cognitive Radio Networks With Imperfect Channel Sensing. IEEE Transactions on Vehicular Technology, 2012, 61, 770-780.	3.9	119
607	Joint Topology Control and Authentication Design in Mobile Ad Hoc Networks With Cooperative Communications. IEEE Transactions on Vehicular Technology, 2012, 61, 2674-2685.	3.9	43
608	Cross-Layer Handoff Design in MIMO-Enabled WLANs for Communication-Based Train Control (CBTC) Systems. IEEE Journal on Selected Areas in Communications, 2012, 30, 719-728.	9.7	103
609	Topology control in mobile Ad Hoc networks with cooperative communications. IEEE Wireless Communications, 2012, 19, 74-79.	6.6	50
610	Cooperation-Aware Topology Control for Wireless Ad Hoc Networks with Opportunistic Interference Cancellation. IEICE Transactions on Communications, 2012, E95.B, 3047-3051.	0.4	3
611	Distributed Scheduling in Smart Grid Communications with Dynamic Power Demands and Intermittent Renewable Energy Resources. , 2011, , .		20
612	A game-theoretical decision-making scheme for electricity retailers in the smart grid with demand-side management. , 2011, , .		15

#	ARTICLE	IF	CITATIONS
613	Stochastic charging management for plug-in electric vehicles in smart microgrids fueled by renewable energy sources. , 2011, , .		15
614	A Game Theory Approach for Inter-Cell Interference Management in OFDM Networks. , 2011, , .		17
615	Cross Layer Design in MIMO-Enabled Communication-Based Train Control Systems. , 2011, , .		0
616	Centralized Scheme for Joint Relay Selection and Channel Access in Partially-Sensed Cognitive Radio Cooperative Networks. , 2011, , .		2
617	An efficient Markov decision process based mobile data gathering protocol for wireless sensor networks. , 2011, , .		8
618	Communication systems for grid integration of renewable energy resources. IEEE Network, 2011, 25, 22-29.	4.9	155
619	Structural Results for Combined Continuous User Authentication and Intrusion Detection in High Security Mobile Ad-Hoc Networks. IEEE Transactions on Wireless Communications, 2011, 10, 3064-3073.	6.1	49
620	Capacity-Optimized Topology Control for MANETs with Cooperative Communications. IEEE Transactions on Wireless Communications, 2011, 10, 2162-2170.	6.1	38
621	Stochastic unit commitment in smart grid communications. , 2011, , .		19
622	Transmission control protocol throughput optimisation in cooperative relaying networks through relay selection. IET Communications, 2011, 5, 2257-2265.	1.5	5
623	Dynamic pricing for demand-side management in the smart grid. , 2011, , .		39
624	Message from the Conference Technical Program Co-chairs. , 2011, , .		0
625	Distributed Combined Authentication and Intrusion Detection With Data Fusion in High-Security Mobile Ad Hoc Networks. IEEE Transactions on Vehicular Technology, 2011, 60, 1025-1036.	3.9	65
626	Cross-Layer Design for Video Transmissions in Metro Passenger Information Systems. IEEE Transactions on Vehicular Technology, 2011, 60, 1171-1181.	3.9	46
627	TCP-aware network coding with opportunistic scheduling in wireless mobile ad hoc networks. Computer Communications, 2011, 34, 1788-1797.	3.1	4
628	Application layer QoS optimization for multimedia transmission over cognitive radio networks. Wireless Networks, 2011, 17, 371-383.	2.0	36
629	Optimal channel access for TCP performance improvement in cognitive radio networks. Wireless Networks, 2011, 17, 479-492.	2.0	20
630	Next generation mobility management: an introduction. Wireless Communications and Mobile Computing, 2011, 11, 446-458.	0.8	10

#	ARTICLE	IF	CITATIONS
631	Security and quality of service (QoS) co-design in vehicular ad hoc networks with cooperative communications. , 2011, , .		1
632	Dynamic Resource Allocation for Heterogeneous Services in Cognitive Radio Networks with Imperfect Channel Sensing. , 2011, , .		0
633	Joint Power Allocation and Beamforming with Users Selection for Cognitive Radio Networks via Discrete Stochastic Optimization. , 2011, , .		0
634	Outage Capacity Optimization for Cognitive Radio Networks with Cooperative Transmissions via Discrete Stochastic Optimization. , 2011, , .		0
635	A Computationally Efficient Method for Joint Authentication and Intrusion Detection in Mobile Ad-Hoc Networks. , 2011, , .		3
636	A Joint Design for Topology and Security in MANETs with Cooperative Communications. , 2011, , .		3
637	Capacity-Optimized Topology Control for MANETs with Cooperative Communications. , 2011, , .		0
638	Topology Control and Routing in Cognitive Radio Mobile Ad Hoc Networks. , 2011, , 209-225.		0
639	Distributed combined authentication and intrusion detection with data fusion in high security mobile ad-hoc networks. , 2010, , .		1
640	Trust establishment in cooperative wireless networks. , 2010, , .		15
641	Directional Sensor Placement with Optimal Sensing Range, Field of View and Orientation. Mobile Networks and Applications, 2010, 15, 216-225.	2.2	46
642	Optimal network selection in heterogeneous wireless multimedia networks. Wireless Networks, 2010, 16, 1277-1288.	2.0	45
643	Distributed node selection for threshold key management with intrusion detection in mobile ad hoc networks. Wireless Networks, 2010, 16, 2169-2178.	2.0	11
644	A Distributed Consensus-Based Cooperative Spectrum-Sensing Scheme in Cognitive Radios. IEEE Transactions on Vehicular Technology, 2010, 59, 383-393.	3.9	209
645	Distributed Multisource Transmission in Wireless Mobile Peer-to-Peer Networks: A Restless-Bandit Approach. IEEE Transactions on Vehicular Technology, 2010, 59, 420-430.	3.9	11
646	Cross-Layer Design for TCP Performance Improvement in Cognitive Radio Networks. IEEE Transactions on Vehicular Technology, 2010, 59, 2485-2495.	3.9	109
647	Distributed Optimal Relay Selection in Wireless Cooperative Networks With Finite-State Markov Channels. IEEE Transactions on Vehicular Technology, 2010, 59, 2149-2158.	3.9	105
648	Optimal Cooperative Internetwork Spectrum Sharing for Cognitive Radio Systems With Spectrum Pooling. IEEE Transactions on Vehicular Technology, 2010, 59, 1760-1768.	3.9	55

#	ARTICLE	IF	CITATIONS
649	Prediction-Based Topology Control and Routing in Cognitive Radio Mobile Ad Hoc Networks. IEEE Transactions on Vehicular Technology, 2010, 59, 4443-4452.	3.9	117
650	A Hierarchical Identity Based Key Management Scheme in Tactical Mobile Ad Hoc Networks. IEEE Transactions on Network and Service Management, 2010, 7, 258-267.	3.2	49
651	Optimal Management of Rechargeable Biosensors in Temperature-Sensitive Environments. , 2010, , .		3
652	Thermal Management of Biosensor Networks. , 2010, , .		2
653	Distributed Relay Selection and Power Control in Cognitive Radio Networks with Cooperative Transmission. , 2010, , .		28
654	Performance Improvement in Satellite Networks Based on Markovian Weather Prediction. , 2010, , .		2
655	Optimal Multi-Server Allocation to Parallel Queues with Random Connectivity and Retransmissions. , 2010, , .		1
656	Cross Layer Design for Video Transmissions in Metro Passenger Information Systems. , 2010, , .		0
657	TCP-Aware Network Coding with Opportunistic Scheduling in Wireless Mobile Ad Hoc Networks. , 2010, , .		4
658	Cross-Layer Design for TCP Throughput Optimization in Cooperative Relaying Networks. , 2010, , .		4
659	Spectrum Pooling-Based Optimal Internetwork Spectrum Sharing for Cognitive Radio Systems. , 2010, , .		2
660	Prediction-Based Topology Control and Routing in Cognitive Radio Mobile Ad Hoc Networks. , 2010, , .		16
661	Joint connection admission control and routing in IEEE 802.16-based mesh networks. IEEE Transactions on Wireless Communications, 2010, 9, 1370-1379.	6.1	27
662	A central-networked cross-layer design framework for wireless sensor networks. , 2010, , .		5
663	Optimal Cooperative Multi-Source Multimedia Transmission Scheduling in Peer-to-Peer Networks. , 2010, , .		0
664	Combined Authentication and Quality of Service in Cooperative Communication Networks. , 2010, , .		1
665	Availability Improvement for WLAN-Based Train-Ground Communication Systems in Communication-Based Train Control (CBTC). , 2010, , .		9
666	Location-Assisted Intercell Interference Management Scheme in Next Generation Wireless Networks Using Opportunistic Beamforming. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
667	Biologically inspired consensus-based spectrum sensing in mobile Ad Hoc networks with cognitive radios. IEEE Network, 2010, 24, 26-30.	4.9	90
668	A Decision Support Scheme to Maintain QoS in Weather Impacted Satellite Networks. , 2010, , .		4
669	A POMDP Based K-Coverage Dynamic Scheduling Protocol for Wireless Sensor Networks. , 2010, , .		5
670	Optimal Capacity in Underlay Paradigm Based Cognitive Radio Network with Cooperative Transmission. , 2010, , .		0
671	A Seamless Handoff Scheme for Train-Ground Communication Systems in CBTC. , 2010, , .		13
672	An Intelligent QoS Control System for Satellite Networks Based on Markovian Weather Prediction. , 2010, , .		3
673	Adaptive Control of Packet Overhead in XOR Network Coding. , 2010, , .		11
674	Trust Management in Wireless Mobile Networks with Cooperative Communications. , 2010, , .		10
675	An Optimal Handoff Decision Algorithm for Communication-Based Train Control (CBTC) Systems. , 2010, , .		2
676	A hierarchical identity based key management scheme in tactical Mobile Ad Hoc Networks. , 2009, , .		1
677	Optimal Channel Access for TCP Performance Improvement in Cognitive Radio Networks: A Cross-Layer Design Approach. , 2009, , .		6
678	Optimal Network Selection in Heterogeneous Wireless Multimedia Networks. , 2009, , .		5
679	Enhancing interoperability in heterogeneous mobile wireless networks for disaster response. IEEE Transactions on Wireless Communications, 2009, 8, 2424-2433.	6.1	8
680	On Sensor Placement for Directional Wireless Sensor Networks. , 2009, , .		24
681	Distributed Multi-Source Transmission in Wireless Mobile Peer-to-Peer Networks: A Restless Bandit Approach. , 2009, , .		2
682	Distributed Hierarchical Key Management Scheme in Mobile Ad Hoc Networks. , 2009, , .		0
683	Distributed Optimal Relay Selection for QoS Provisioning in Wireless Multi-Hop Cooperative Networks. , 2009, , .		1
684	Distributed Node Selection for Threshold Key Management with Intrusion Detection in Mobile Ad Hoc Networks. , 2009, , .		2

#	ARTICLE	IF	CITATIONS
685	Distributed sender scheduling for multimedia transmission in wireless mobile peer-to-peer networks. IEEE Transactions on Wireless Communications, 2009, 8, 4594-4603.	6.1	31
686	Cross-Layer QoS Provisioning for Multimedia Transmissions in Cognitive Radio Networks. , 2009, , .		20
687	A Cooperative Spectrum Sensing Consensus Scheme in Cognitive Radios. , 2009, , .		54
688	Defense against spectrum sensing data falsification attacks in mobile ad hoc networks with cognitive radios. , 2009, , .		70
689	Optimal combined intrusion detection and biometric-based continuous authentication in high security mobile ad hoc networks. IEEE Transactions on Wireless Communications, 2009, 8, 806-815.	6.1	55
690	Energy Efficient Distributed Relay Selection in Wireless Cooperative Networks with Finite State Markov Channels. , 2009, , .		8
691	Distributed Spectrum Sensing in Cognitive Radio Networks. , 2009, , .		9
692	A Novel Team-Centric Peer Selection Scheme for Distributed Wireless P2P Networks. , 2009, , .		15
693	A FCM-Based Peer Grouping Scheme for Node Failure Recovery in Wireless P2P File Sharing. , 2009, , .		6
694	TCP-aware cross-layer design in cognitive radio networks. , 2009, , .		1
695	A Distributed Network Selection Scheme in Next Generation Heterogeneous Wireless Networks. , 2009, , .		3
696	Biometric-based user authentication in mobile ad hoc networks. Security and Communication Networks, 2008, 1, 5-16.	1.0	12
697	A New QoS Provisioning Method for Adaptive Multimedia in Wireless Networks. IEEE Transactions on Vehicular Technology, 2008, 57, 1899-1909.	3.9	29
698	A Framework of Combining Intrusion Detection and Continuous Authentication in Mobile Ad Hoc Networks. , 2008, , .		5
699	IEEE 802.11 DCF PSM Model and a Novel Downlink Access Scheme. , 2008, , .		8
700	The Minimum Cost Sensor Placement Problem for Directional Wireless Sensor Networks. , 2008, , .		14
701	Joint Connection Admission Control and Routing in IEEE 802.16-Based Mesh Networks. , 2008, , .		10
702	Directional Sensor Placement with Optimal Sensing Range, Field of View and Orientation. , 2008, , .		12

#	ARTICLE	IF	CITATIONS
703	Distributed Sender Scheduling for Multimedia Transmission in Wireless Peer-to-Peer Networks. , 2008, , .		1
704	Bi-Dimensional P2P and MRBD Protocols to Enhance Lookup Performance. , 2008, , .		0
705	Enhancing Interoperability in Heterogeneous Mobile Wireless Networks for Disaster Response. , 2007, , .		0
706	Cross-Layer QoS Support for Packet Multimedia in Wireless Networks. , 2007, , .		1
707	Performance Improvements of Mobile SCTP in Integrated Heterogeneous Wireless Networks. IEEE Transactions on Wireless Communications, 2007, 6, 3567-3577.	6.1	44
708	QoS Provisioning in Public Safety Radio and Commercial Cellular Integrated Networks for First Responders and Critical Infrastructures. Performance, Computing and Communications Conference (IPCCC), IEEE International, 2007, , .	0.0	2
709	Optimal Biometric-Based Continuous Authentication in Mobile Ad Hoc Networks. , 2007, , .		14
710	A new method to support UMTS/WLAN vertical handover using SCTP. IEEE Wireless Communications, 2004, 11, 44-51.	6.6	213
711	Energy-efficient relaying for cooperative cellular wireless networks. , 0, , 286-308.		0
712	Joint computation and power allocation for NOMA enabled MEC networks in the finite blocklength regime. IET Communications, 0, , .	1.5	0