Wireless Network Virtualization: A Survey, Some Resea

IEEE Communications Surveys and Tutorials 17, 358-380 DOI: 10.1109/comst.2014.2352118

Citation Report

#	Article	IF	CITATIONS
1	A distributed energy consumption optimization algorithm for content-centric networks via dual decomposition. , 2014, , .		4
2	Enhancing cell edge users performance in open access small cells networks: A Cross layer approach. , 2014, , .		2
3	Joint cloud computing and wireless networks operations: A game theoretic approach. , 2014, , .		5
4	Resource sharing for software defined D2D communications in virtual wireless networks with imperfect NSI. , 2014, , .		6
5	Distributed Resource Allocation for Virtualized Small Cell Networks with Full Duplex Self-Backhauls. , 2014, , .		0
6	Effective-Capacity Based Gaming for Optimal Power and Spectrum Allocations over Big-Data Virtual Wireless Networks. , 2014, , .		0
7	Broadband Spectrum Refarming of CDMA Spectrum for OFDMA Cellular Systems. , 2014, , .		0
8	Joint Spectrum Sharing and ABS Adaptation for Network Virtualization in Heterogeneous Cellular Networks. , 2014, , .		3
9	Mobile Virtual Network Admission Control and Resource Allocation for Wireless Network Virtualization: A Robust Optimization Approach. , 2014, , .		1
10	Energy efficient resource allocation in heterogeneous software defined network: A reverse combinatorial auction approach. , 2015, , .		4
11	Broadband Spectrum Refarming of CDMA Spectrum for OFDMA Cellular Systems. , 2015, , .		1
12	Learning-based hybrid TDMA-CSMA MAC protocol for virtualized 802.11 WLANs. , 2015, , .		6
13	Distributed Resource Allocation for Virtualized Small Cell Networks with Full Duplex Self-Backhauls. , 2015, , .		1
14	Joint Spectrum Sharing and ABS Adaptation for Network Virtualization in Heterogeneous Cellular Networks. , 2015, , .		4
15	Effective-Capacity Based Gaming for Optimal Power and Spectrum Allocations over Big-Data Virtual Wireless Networks. , 2015, , .		3
16	Software Defined Radio Access Network in 5G Mobile Network. , 2015, , .		1
17	Mobile Virtual Network Admission Control and Resource Allocation for Wireless Network Virtualization: A Robust Optimization Approach. , 2015, , .		8
18	5G cellular: key enabling technologies and research challenges. IEEE Instrumentation and Measurement Magazine, 2015, 18, 11-21.	1.2	492

#	Article	IF	CITATIONS
19	Heterogeneous Vehicular Networking: A Survey on Architecture, Challenges, and Solutions. IEEE Communications Surveys and Tutorials, 2015, 17, 2377-2396.	24.8	425
20	Game-theory based power and spectrum virtualization for maximizing spectrum efficiency over mobile cloud-computing wireless networks. , 2015, , .		4
21	Information-centric network function virtualization over 5g mobile wireless networks. IEEE Network, 2015, 29, 68-74.	4.9	199
22	Energy-Efficient Robust Resource Provisioning in Virtualized Wireless Networks. , 2015, , .		5
23	Privacy-preserving distributed cooperative spectrum sensing in multi-channel cognitive radio MANETs. , 2015, , .		5
24	A trust based framework for both spectrum sensing and data transmission in CR-MANETs. , 2015, , .		1
25	Energy-Efficient Resource Allocation in Multi-Cell Virtualized Wireless Networks. , 2015, , .		5
26	Wireless Resource Virtualization With Device-to-Device Communication Underlaying LTE Network. IEEE Transactions on Broadcasting, 2015, 61, 734-740.	2.5	53
27	An effective approach to 5G: Wireless network virtualization. , 2015, 53, 53-59.		77
28	Statistical-QoS based gaming for optimal power allocations over virtualized wireless relay networks supporting multimedia services. , 2015, , .		1
29	Inter-operator resource sharing based on network virtualization. , 2015, , .		6
30	WiFi Network Virtualization to Control the Connectivity of a Target Service. IEEE Transactions on Network and Service Management, 2015, 12, 308-319.	3.2	18
31	Fronthaul-constrained cloud radio access networks: insights and challenges. IEEE Wireless Communications, 2015, 22, 152-160.	6.6	351
32	Converged Management in Heterogeneous Wireless Networks Based on Resource Virtualization. Mobile Networks and Applications, 2015, 20, 53-61.	2.2	1
33	Enabling 5G mobile wireless technologies. Eurasip Journal on Wireless Communications and Networking, 2015, 2015, .	1.5	56
34	Bayesian-game based power and spectrum virtualization for maximizing spectrum efficiency over mobile cloud-computing wireless networks. , 2015, , .		8
35	Investigating Performance of Concurrent Virtual Wi-Fi Interfaces. , 2015, , .		1
36	SN-FMIA: SDN and NFV enabled future mobile internet architecture. , 2015, , .		2

		CITATION R	EPORT	
#	Article		IF	CITATIONS
37	User association scheme in Cloud-RAN based small cell network with wireless virtualiza	ation. , 2015, , .		13
38	Energy-Efficient Resource Allocation in Cellular Networks With Shared Full-Duplex Rela Transactions on Vehicular Technology, 2015, 64, 3711-3724.	ying. IEEE	3.9	43
39	Resource Allocation in a Generalized Framework for Virtualized Heterogeneous Wirele Mobile Information Systems, 2016, 2016, 1-10.	ss Network.	0.4	1
40	Diffusion Strategies for Distributed Kalman Filter with Dynamic Topologies in Virtualize Networks. Mobile Information Systems, 2016, 2016, 1-13.	ed Sensor	0.4	7
41	B-CaB: Optimizing the SP's Bidding for Cache and Band Resources in Virtualized Wirele 2016, , .	255 Networks. ,		0
42	Reverse Combinatorial Auction Based Resource Allocation in Heterogeneous Software Network with Infrastructure Sharing. , 2016, , .	Defined		9
43	NO stack: A software-defined framework for 5G mobile network. , 2016, , .			6
44	REM: Revisiting a cognitive tool for virtualized 5G networks. , 2016, , .			4
45	Software Defined Optical Networks (SDONs): A Comprehensive Survey. IEEE Commun and Tutorials, 2016, 18, 2738-2786.	ications Surveys	24.8	266
46	A survey on security in network functions virtualization. , 2016, , .			57
47	Negotiation-Based Gaming for Statistical QoS Guarantee over Information-Centric Wir Networks. , 2016, , .	eless		1
48	Self-Organized Dynamic Caching Space Sharing in Virtualized Wireless Networks. , 202	16,,.		3
49	Virtualization of Spatial Streams for Enhanced Spectrum Sharing. , 2016, , .			10
50	Power-Efficient Resource Allocation in NOMA Virtualized Wireless Networks. , 2016, , .			16
51	Complementary Investment of Infrastructure and Service Providers in Wireless Networ Virtualization. , 2016, , .	'n		5
52	Random Access and Resource Allocation in Software-Defined Cellular Networks with N Communications. , 2016, , .	I2M		0
53	Securing cognitive radio vehicular Ad hoc networks with trusted lightweight cloud con 2016, , .	iputing. ,		5
54	A Transforming Architecture for Future Wireless Networks: Transformium Network. , 2	016,,.		2

		CITATION REPORT		
#	Article		IF	CITATIONS
55	Genetic algorithm-based mapper to support multiple concurrent users on wireless test	beds. , 2016, , .		1
56	Bandwidth Provisioning in Cache-Enabled Software-Defined Mobile Networks: A Robus Approach. , 2016, , .	t Optimization		5
57	A double auction mechanism for virtual resource allocation in SDN-based cellular netwo	ork. , 2016, , .		17
58	Adaptive security for multilevel adhoc networks $\hat{a} \in \mathcal{A}$ A survey. , 2016, , .			0
59	Cloud-Based Spectrum Sharing in Virtual Wireless Networks. , 2016, , .			0
60	User matching game in virtualized 5G cellular networks. , 2016, , .			1
61	Information-centric network virtualization for QoS provisioning over software defined networks. , 2016, , .	wireless		12
62	Random Access Optimization for M2M Communications in VANET with Wireless Netw Virtualization. , 2016, , .	ork		3
63	Towards next generation software-defined radio access network–architecture, deplo case. Eurasip Journal on Wireless Communications and Networking, 2016, 2016, .	yment, and use	1.5	6
64	Energy-Efficient Virtual Resource Allocation in OFDMA Systems. , 2016, , .			7
65	A two-stage spectrum leasing optimization framework for virtual mobile network opera	ators. , 2016, , .		4
66	Resource allocation in wireless virtualized networks with energy harvesting. , 2016, , .			0
67	Architecture of Heterogeneous Vehicular Networks. Springer Briefs in Electrical and Co Engineering, 2016, , 9-24.	mputer	0.3	4
68	A Survey of Mobile Device Virtualization. ACM Computing Surveys, 2017, 49, 1-36.		16.1	45
69	Efficient Low-Complexity Scheduler for Wireless Resource Virtualization. IEEE Wireless Communications Letters, 2016, 5, 56-59.		3.2	31
70	A Survey on SDN Programming Languages: Toward a Taxonomy. IEEE Communications Tutorials, 2016, 18, 2687-2712.	Surveys and	24.8	76
71	A Model for an Innovative 5G-Oriented Architecture, Based on Small Cells Coordinatior Multi-tenancy and Edge Services. IFIP Advances in Information and Communication Tec 666-675.	ı for :hnology, 2016, ,	0.5	15
72	Interference based virtual network embedding. , 2016, , .			8

	Сітатіо	N REPORT	
# 73	ARTICLE Delay-aware and power-efficient resource allocation in virtualized wireless networks. , 2016, , .	IF	Citations
74	Wireless virtual network embedding based on spectrum sharing allocation. , 2016, , .		4
75	Virtualization Framework and VCG Based Resource Block Allocation Scheme for LTE Virtualization. , 2016, , .		19
76	Resource Slicing in Virtual Wireless Networks: A Survey. IEEE Transactions on Network and Service Management, 2016, 13, 462-476.	3.2	288
77	Big Data Analytics: Enabling Technologies and Tools. , 2016, , 221-243.		0
78	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
79	Handoff performance improvement in a network virtualization based integrated train ground communication system. , 2016, , .		1
80	Game theoretic approaches for wireless proactive caching. , 2016, 54, 37-43.		42
81	Wireless network virtualization for enhancing security: Status, challenges and perspectives. , 2016, , .		6
82	Caching as a Service: Small-Cell Caching Mechanism Design for Service Providers. IEEE Transactions on Wireless Communications, 2016, 15, 6992-7004.	6.1	31
83	A full-duplex self-backhaul scheme for small cell networks with massive MIMO. , 2016, , .		13
84	eWV: An evolvable platform for versatile control in software-defined wireless networks. , 2016, , .		1
85	Energy harvesting small cell networks with full-duplex self-backhaul and massive MIMO. , 2016, , .		6
86	Cooperative Infrastructure and Spectrum Sharing in Heterogeneous Mobile Networks. IEEE Journal on Selected Areas in Communications, 2016, 34, 2617-2629.	9.7	28
87	Software-defined exchange for the virtualized WiFi network towards future Mobile Cloud services. , 2016, , .		1
88	Cross-Layer Rate Control and Resource Allocation in Spectrum-Sharing OFDMASmall Cell Networks with Delay Constraints. IEEE Transactions on Vehicular Technology, 2016, , 1-1.	3.9	12
89	Dynamic Concentric Rings Infrastructure for Efficient Communications in Wireless Sensor Networks. IEEE Access, 2016, 4, 3605-3616.	2.6	2
90	Virtualization Approach to Cluster Based Winograd's Variant of Strassen's Method Using RMI. , 2016, , \cdot		2

#	ARTICLE	IF	CITATIONS
91	Delay-aware and power-efficient resource allocation in virtualized wireless networks. , 2016, , .		1
92	A generic framework for heterogeneous wireless network virtualization: Virtual MAC design. , 2016, ,		6
93	Software-defined Vehicular Ad Hoc Networks with Trust Management. , 2016, , .		20
94	Resources management in virtualized Information Centric Wireless Network. , 2016, , .		2
95	Enhanced auction-assisted LSA. , 2016, , .		4
96	Joint user association and rate allocation for HTTP adaptive streaming in heterogeneous cellular networks. , 2016, , .		5
97	A virtualized resource management scheme for heterogeneous cellular networks. Wireless Communications and Mobile Computing, 2016, 16, 3163-3174.	0.8	0
99	RT-OPEX. , 2016, , .		14
100	Joint User-Association and Resource-Allocation in Virtualized Wireless Networks. IEEE Access, 2016, 4, 2738-2750.	2.6	81
101	Resource allocation in a generalized LTE air interface virtualization framework exploiting user behavior. Eurasip Journal on Wireless Communications and Networking, 2016, 2016, .	1.5	2
102	Dynamic Broadband Spectrum Refarming for OFDMA Cellular Systems. IEEE Transactions on Wireless Communications, 2016, 15, 6203-6214.	6.1	8
103	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
104	Information-Centric Virtualized Cellular Networks With Device-to-Device Communications. IEEE Transactions on Vehicular Technology, 2016, 65, 9319-9329.	3.9	39
105	Distributed Resource Allocation in Virtualized Full-Duplex Relaying Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 8444-8460.	3.9	14
106	Virtualization of 5G Cellular Networks as a Hierarchical Combinatorial Auction. IEEE Transactions on Mobile Computing, 2016, 15, 2640-2654.	3.9	155
107	A modified ACO algorithm for virtual network embedding based on graph decomposition. Computer Communications, 2016, 80, 1-15.	3.1	23
108	Big Data Analytics in Mobile Cellular Networks. IEEE Access, 2016, 4, 1985-1996.	2.6	140
109	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

#	Article	IF	CITATIONS
110	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
111	Virtual Resource Allocation in Information-Centric Wireless Networks With Virtualization. IEEE Transactions on Vehicular Technology, 2016, 65, 9902-9914.	3.9	97
112	Delay-Optimal Virtualized Radio Resource Scheduling in Software-Defined Vehicular Networks via Stochastic Learning. IEEE Transactions on Vehicular Technology, 2016, 65, 7857-7867.	3.9	112
113	A survey on the critical issues in smart grid technologies. Renewable and Sustainable Energy Reviews, 2016, 54, 396-405.	8.2	216
114	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
115	Learning methodologies for wireless big data networks: A Markovian game-theoretic perspective. Neurocomputing, 2016, 174, 431-438.	3.5	5
116	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
117	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
118	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
119	Scalable RAN Virtualization in Multitenant LTE-A Heterogeneous Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 6651-6664.	3.9	36
120	Survey on Network Virtualization Hypervisors for Software Defined Networking. IEEE Communications Surveys and Tutorials, 2016, 18, 655-685.	24.8	226
121	SDN and Virtualization-Based LTE Mobile Network Architectures: A Comprehensive Survey. Wireless Personal Communications, 2016, 86, 1401-1438.	1.8	91
122	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
123	Wireless sensor network virtualization: A survey. IEEE Communications Surveys and Tutorials, 2016, 18, 553-576.	24.8	254
124	Quality-oriented Rate Control and Resource Allocation in Time-Varying OFDMA Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 2324-2338.	3.9	37
125	Interference Alignment in Virtualized Heterogeneous Cellular Networks With Imperfect Channel State Information. IEEE Transactions on Vehicular Technology, 2017, 66, 1519-1532.	3.9	11
126	Wireless GINI: an educational platform for hosting virtual wireless networks. Software - Practice and Experience, 2017, 47, 21-59.	2.5	1
127	Information-Centric Wireless Networks with Virtualization and D2D Communications. IEEE Wireless Communications, 2017, 24, 104-111.	6.6	21

#	Article	IF	CITATIONS
128	An Integrated Architecture for Software Defined and Virtualized Radio Access Networks with Fog Computing. IEEE Network, 2017, 31, 80-87.	4.9	85
129	Parallel and Distributed Resource Allocation With Minimum Traffic Disruption for Network Virtualization. IEEE Transactions on Communications, 2017, 65, 1162-1175.	4.9	24
130	End-to-end programmable, cloud-based virtualized HetNet: Advances made & challenges to address. Computer Communications, 2017, 105, 14-32.	3.1	1
131	QoE and Energy Aware Resource Allocation in Small Cell Networks With Power Selection, Load Management, and Channel Allocation. IEEE Transactions on Vehicular Technology, 2017, 66, 7461-7473.	3.9	29
132	LATMAPA: Load-Adaptive Throughput- MAximizing Preamble Allocation for Prioritization in 5G Random Access. IEEE Access, 2017, 5, 1103-1116.	2.6	40
133	5C: Adaptable Networks Enabled by Versatile Radio Access Technologies. IEEE Communications Surveys and Tutorials, 2017, 19, 688-720.	24.8	81
134	An Overview of Cloud RAN: Architecture, Issues and Future Directions. Lecture Notes in Electrical Engineering, 2017, , 44-60.	0.3	7
135	Understanding Performance of Edge Content Caching for Mobile Video Streaming. IEEE Journal on Selected Areas in Communications, 2017, 35, 1076-1089.	9.7	124
136	A matching game approach for resource allocation in wireless network virtualization. , 2017, , .		9
137	CSMA/CQ: A Novel SDN-Based Design to Enable Concurrent Execution of Channel Contention and Data Transmission in IEEE 802.11 Networks. IEEE Access, 2017, 5, 2534-2549.	2.6	9
138	A Radio Resource Virtualization-Based RAT Selection Scheme in Heterogeneous Networks. IEEE Communications Letters, 2017, 21, 1147-1150.	2.5	8
139	Optimal Virtualized Inter-Tenant Resource Sharing for Device-to-Device Communications in 5G Networks. Mobile Networks and Applications, 2017, 22, 1010-1019.	2.2	9
140	Energy Efficient Optimization for Wireless Virtualized Small Cell Networks With Large-Scale Multiple Antenna. IEEE Transactions on Communications, 2017, 65, 1696-1707.	4.9	31
141	Secondary Virtual Network Mapping onto Cognitive Radio Substrate: A Collision Probability Analysis. IEEE Communications Letters, 2017, 21, 600-603.	2.5	3
142	Dynamic pricing for resource allocation in wireless network virtualization: A Stackelberg game approach. , 2017, , .		21
143	A chaotic grey wolf controller allocator for Software Defined Mobile Network (SDMN) for 5th generation of cloud-based cellular systems (5G). Computer Communications, 2017, 108, 94-109.	3.1	18
144	Defining and Surveying Wireless Link Virtualization and Wireless Network Virtualization. IEEE Communications Surveys and Tutorials, 2017, 19, 1603-1627.	24.8	50
145	Software Defined Networking Enabled Wireless Network Virtualization: Challenges and Solutions. IEEE Network, 2017, 31, 42-49.	4.9	80

ARTICLE IF CITATIONS # An Approach to 5G Wireless Network Virtualization: Architecture and Trial Environment., 2017,,. 14 146 Joint Access Selection and Resource Allocation in Cache-Enabled HCNs with D2D Communications., 147 2017,,. The Place Coverage (TPC) - Three-Stage User Association and Rate Maximization for 5G SD-RAN Systems., 148 0 2017,,. Operator Profit-Aware Wireless Virtualization for Device-to-Device Communications Underlaying LTE 149 Networks. IEEE Access, 2017, 5, 11668-11676. Performance Analysis of Multiple Association in Ultra-Dense Networks. IEEE Transactions on 150 4.9 70 Communications, 2017, 65, 3818-3831. How Can Edge Computing Benefit From Software-Defined Networking: A Survey, Use Cases, and Future Directions. IEEE Communications Surveys and Tutorials, 2017, 19, 2359-2391. 24.8 Full-Duplex Communication in Cognitive Radio Networks: A Survey. IEEE Communications Surveys and 152 24.8 159 Tutorials, 2017, 19, 2158-2191. Sub-GHz LPWAN Network Coexistence, Management and Virtualization: An Overview and Open 1.8 Research Challenges. Wireless Personal Communications, 2017, 95, 187-213. Green Virtualization for Multiple Collaborative Cellular Operators. IEEE Transactions on Cognitive 154 4.9 10 Communications and Networking, 2017, 3, 420-434. A controllable multiâ€replica routing approach for opportunistic networks. IEEJ Transactions on 0.8 Electrical and Electronic Engineering, 2017, 12, 589-600. Radio Access Network Slicing in 5G. Advances in Intelligent Systems and Computing, 2017, , 207-210. 156 2 0.5 Towards win-win: weighted-Voronoi-diagram based channel quantization for security enhancement in downlink cloud-RAN with limited CSI feedback. Science China Information Sciences, 2017, 60, 1. A multi-cell graph based dynamic resource allocation scheme for multi-user wireless networks. AEU -158 1.7 4 International Journal of Electronics and Communications, 2017, 76, 60-70. M2M Access With Dynamic Cognitive Virtual Operators: A Data Aggregator's Perspective. IEEE Access, 159 2.6 <u>2017, 5, 5662-5677</u> On Radio Access Network Slicing from a Radio Resource Management Perspective. IEEE Wireless 160 132 6.6 Communications, 2017, 24, 166-174. SDN-enabled network virtualization for industry 4.0 based on IoTs and cloud computing., 2017, , . Explosive Wireless Consumer Demand for Network Bandwidth-Fifth Generation and Beyond [Future 162 2.37 Directions]. IEEE Consumer Electronics Magazine, 2017, 6, 27-31. Live Data Analytics With Collaborative Edge and Cloud Processing in Wireless IoT Networks. IEEE Access, 2017, 5, 4621-4635.

#	Article	IF	CITATIONS
164	A Survey on the Contributions of Software-Defined Networking to Traffic Engineering. IEEE Communications Surveys and Tutorials, 2017, 19, 918-953.	24.8	136
165	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
166	Assessment of socio-techno-economic factors affecting the market adoption and evolution of 5G networks: Evidence from the 5G-PPP CHARISMA project. Telematics and Informatics, 2017, 34, 572-589.	3.5	17
167	Virtualization of Wireless Sensor Networks Through MAC Layer Resource Scheduling. IEEE Sensors Journal, 2017, 17, 1562-1576.	2.4	13
168	Virtual MAC concept and its protocol design in virtualised heterogeneous wireless network. IET Communications, 2017, 11, 53-60.	1.5	3
169	Wireless Network Virtualization With SDN and C-RAN for 5G Networks: Requirements, Opportunities, and Challenges. IEEE Access, 2017, 5, 19099-19115.	2.6	74
170	Linkcon. , 2017, , .		2
171	End-to-End Network Slicing in Virtualized OFDMA-Based Cloud Radio Access Networks. IEEE Access, 2017, 5, 18675-18691.	2.6	21
172	Implementation experience in multi-domain SDN: Challenges, consolidation and future directions. Computer Networks, 2017, 129, 142-158.	3.2	11
173	A Novel Transmission Line Safety Monitoring System for Smart Grid. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 35-45.	0.2	3
174	Modelling and implementation of virtual radio resources management for 5G Cloud RAN. Eurasip Journal on Wireless Communications and Networking, 2017, 2017, .	1.5	11
175	A modified proportional fair radio resource management scheme in virtual RANs. , 2017, , .		6
176	Locator/Identifier Split Networking: A Promising Future Internet Architecture. IEEE Communications Surveys and Tutorials, 2017, 19, 2927-2948.	24.8	59
177	Delay minimization in dynamic and scalable multi-operator wireless backhauling. , 2017, , .		0
178	A Vision for Zero-Hop Networking (ZeN). , 2017, , .		4
179	Dynamic slicing for mobile network infrastructures: Challenges, opportunities and business aspects. , 2017, , .		1
180	Roadside Unit Caching: Auction-Based Storage Allocation for Multiple Content Providers. IEEE Transactions on Wireless Communications, 2017, 16, 6321-6334.	6.1	53
181	A Survey on software-defined networking in vehicular ad hoc networks: Challenges, applications and use cases. Sustainable Cities and Society, 2017, 35, 830-840.	5.1	80

#	Article	IF	CITATIONS
182	Towards wireless infrastructure-as-a-service (WlaaS) for 5G software-defined cellular systems. , 2017, , .		2
183	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
184	Energy-efficient M2M communications with mobile edge computing in virtualized cellular networks. , 2017, , .		11
185	Delay-tolerant resource scheduling in large-scale virtualized radio access networks. , 2017, , .		2
186	Software-Defined Networks with Mobile Edge Computing and Caching for Smart Cities: A Big Data Deep Reinforcement Learning Approach. , 2017, 55, 31-37.		295
187	Catalyzing Cloud-Fog Interoperation in 5G Wireless Networks: An SDN Approach. IEEE Network, 2017, 31, 14-20.	4.9	80
188	Backhaul virtualization for multiple services in public WLANs. , 2017, , .		1
189	Device-to-device caching for video streaming content. , 2017, , .		1
190	A novel approach for shared resource allocation with wireless network virtualization. , 2017, , .		12
191	Wireless Multimedia Transmission Through Cooperative Spectrum Sharing With Quantized Feedback. IEEE Transactions on Broadcasting, 2017, 63, 433-439.	2.5	0
192	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
193	elCIC Configuration Algorithm with Service Scalability in Heterogeneous Cellular Networks. IEEE/ACM Transactions on Networking, 2017, 25, 520-535.	2.6	32
194	Software Defined Networking Architecture, Security and Energy Efficiency: A Survey. IEEE Communications Surveys and Tutorials, 2017, 19, 325-346.	24.8	251
195	On the Competition Among Small Cell Wireless Operators with Large Scale Deployments. IEEE Transactions on Mobile Computing, 2017, 16, 1981-1993.	3.9	3
196	Resilient IoT Architectures Over Dynamic Sensor Networks With Adaptive Components. IEEE Internet of Things Journal, 2017, 4, 474-483.	5.5	30
197	Resource Allocation for Virtualized Wireless Networks with Backhaul Constraints. IEEE Communications Letters, 2017, 21, 148-151.	2.5	26
198	Communications Protocol Design for 5G Vehicular Networks. , 2017, , 625-649.		11
199	Roadmap to 5G success: Influencing factors and an innovative business model. , 2017, , .		8

		Report	
#	Article	IF	CITATIONS
200	Virtualization of 5G Cellular Networks: A Combinatorial Double Auction Approach. , 2017, , .		11
201	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
202	Resource pooling via dynamic spectrum-level slicing across heterogeneous networks. , 2017, , .		11
203	Designing a Self-Optimization System for Cognitive Wireless Home Networks. IEEE Transactions on Cognitive Communications and Networking, 2017, 3, 684-702.	4.9	8
204	Resource Allocation in Software-Defined and Information-Centric Vehicular Networks with Mobile Edge Computing. , 2017, , .		23
205	Deep Reinforcement Learning (DRL)-based Resource Management in Software-Defined and Virtualized Vehicular Ad Hoc Networks. , 2017, , .		27
206	Quality-Aware Streaming in Heterogeneous Wireless Networks. IEEE Transactions on Wireless Communications, 2017, 16, 8162-8174.	6.1	9
207	A Framework for Joint Wireless Network Virtualization and Cloud Radio Access Networks for Next Generation Wireless Networks. IEEE Access, 2017, 5, 20814-20827.	2.6	27
208	Network slicing for 5G networks. , 2017, , .		0
209	A Big Data Deep Reinforcement Learning Approach to Next Generation Green Wireless Networks. , 2017, , .		22
210	Green C-RAN: A Joint Approach to the Design and Energy Optimization. , 2017, , .		0
211	Virtualized Radio Resource Pre-Allocation for QoS Based Resource Efficiency in Mobile Networks. , 2017, , .		8
212	Hybrid 5G opticalâ€wireless SDNâ€based networks, challenges and open issues. IET Networks, 2017, 6, 141-148.	1.1	33
213	On Software-Defined Wireless Network (SDWN) Network Virtualization: Challenges and Open Issues. Computer Journal, 2017, 60, 1510-1519.	1.5	8
214	Softwarization and Optimization for Sustainable Future Mobile Networks: A Survey. IEEE Access, 2017, 5, 25421-25436.	2.6	10
215	Leveraging Wireless Virtualization for Network Capacity Optimization in HetNets. , 2017, , .		7
216	A fair mechanism of virtual radio resource management in multi-RAT wireless het-nets. , 2017, , .		5
217	Radio access network slicing based on C/U plane separation. China Communications, 2017, 14, 134-141.	2.0	9

#	ARTICLE Multi-Service Signal Multiplexing and Isolation for Physical-Layer Network Slicing (PNS). , 2017, , .	IF	CITATIONS
218 219	Energy-efficient resource allocation in delay-aware wireless virtualized networks. , 2017, , .		4
	Virtual resource allocation for information-centric heterogeneous networks with mobile edge		
220	computing., 2017,,.		6
221	Throughput-Maximum Resource Provision in the OFDMA-Based Wireless Virtual Network. , 2017, , .		3
222	Outage-Constrained Resource Allocation in Uplink NOMA for Critical Applications. IEEE Access, 2017, 5, 27636-27648.	2.6	28
223	Femto-Caching with Soft Cache Hits: Improving Performance with Related Content Recommendation. , 2017, , .		17
224	Energy-Efficient Content Placement for Layered Video Content Delivery over Cellular Networks. , 2017, , .		6
225	Joint Resource Allocation and Online Virtual Network Embedding for 5G Networks. , 2017, , .		29
226	HyDRA: A hypervisor for software defined radios to enable radio virtualization in mobile networks. , 2017, , .		7
227	DownlinK power allocation in virtualized wireless networks. , 2017, , .		8
228	Cost-oriented virtual resource allocation for device-to-device communications underlaying LTE networks. , 2017, , .		2
229	Research on Fast Networking Technologies Based on Hybrid OFDM Modulation for Cognitive Radio Networks. , 2017, , .		Ο
230	The model of spectrum sharing between a primary and two secondary operators. , 2017, , .		3
231	Efficient resource allocation in wireless network virtualization: A joint design of adverse selection and moral hazard. , 2017, , .		1
232	Access point virtualization for multiple services in heterogeneous WLANs. , 2017, , .		3
233	Virtual resource allocation for heterogeneous services in full duplex-enabled small cell networks with cache and MEC. , 2017, , .		7
234	Auction Mechanisms for Virtualization in 5G Cellular Networks: Basics, Trends, and Open Challenges. IEEE Communications Surveys and Tutorials, 2018, 20, 2264-2293.	24.8	64
237	A novel reinforcement learning algorithm for virtual network embedding. Neurocomputing, 2018, 284, 1-9.	3.5	112

#	Article	IF	CITATIONS
238	Wireless Resource Scheduling in Virtualized Radio Access Networks Using Stochastic Learning. IEEE Transactions on Mobile Computing, 2018, 17, 961-974.	3.9	41
239	Software-Defined Next-Generation Satellite Networks: Architecture, Challenges, and Solutions. IEEE Access, 2018, 6, 4027-4041.	2.6	88
240	A Novel Optimal Mapping Algorithm With Less Computational Complexity for Virtual Network Embedding. IEEE Transactions on Network and Service Management, 2018, 15, 356-371.	3.2	72
241	Admission Control of Wireless Virtual Networks in H <roman>et</roman> H <roman>et</roman> N <roman>ets</roman> . IEEE Transactions on Vehicular Technology, 2018, 67, 4565-4576.	3.9	5
242	Integrated Networking, Caching, and Computing for Connected Vehicles: A Deep Reinforcement Learning Approach. IEEE Transactions on Vehicular Technology, 2018, 67, 44-55.	3.9	433
243	Full-Duplex Aided User Virtualization for Mobile Edge Computing in 5G Networks. IEEE Access, 2018, 6, 2996-3007.	2.6	18
244	Perspectives for resource sharing in 5G networks. Telecommunication Systems, 2018, 68, 605-619.	1.6	26
245	Queue Stability-Based Virtual Resource Allocation for Virtualized Wireless Networks With Self-Backhauls. IEEE Access, 2018, 6, 13604-13616.	2.6	8
246	Virtualization for Distributed Ledger Technology (vDLT). IEEE Access, 2018, 6, 25019-25028.	2.6	99
247	Multidisciplinary and Historical Perspectives for Developing Intelligent and Resource-Efficient Systems. IEEE Access, 2018, 6, 17464-17499.	2.6	18
248	To Demonstrate the Potential Application of "Low Temperature and High Performance Silicon Heterojunction Solar Cells Fabricated Using HWCVD―in Wireless Sensor Network: An Initial Research. Journal of Solar Energy Engineering, Transactions of the ASME, 2018, 140, .	1.1	3
249	Joint Spectrum Reservation and On-Demand Request for Mobile Virtual Network Operators. IEEE Transactions on Communications, 2018, 66, 2966-2977.	4.9	16
250	Hierarchical Matching Game for Service Selection and Resource Purchasing in Wireless Network Virtualization. IEEE Communications Letters, 2018, 22, 121-124.	2.5	53
251	\$mathsf{Hap-SliceR}\$: A Radio Resource Slicing Framework for 5G Networks With Haptic Communications. IEEE Systems Journal, 2018, 12, 2285-2296.	2.9	62
252	Protocol Function Block Mapping of Software Defined Protocol for 5G Mobile Networks. IEEE Transactions on Mobile Computing, 2018, 17, 1651-1665.	3.9	16
253	Video Transcoding, Caching, and Multicast for Heterogeneous Networks Over Wireless Network Virtualization. IEEE Communications Letters, 2018, 22, 141-144.	2.5	19
254	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
255	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

#	Article	IF	CITATIONS
256	Energy-Efficiency Versus Delay Tradeoff in Wireless Networks Virtualization. IEEE Transactions on Vehicular Technology, 2018, 67, 837-841.	3.9	29
257	Integrated System of Networking, Caching, and Computing. , 2018, , 1-5.		0
258	A Biological Model for Resource Allocation and User Dynamics in Virtualized HetNet. Wireless Communications and Mobile Computing, 2018, 2018, 1-11.	0.8	1
259	Distributed Computation Offloading and Power Allocation for Wireless Virtualization Aided Mobile Edge Computing. , 2018, , .		3
260	Context-Based Spectrum Sharing in 5G Wireless Networks Based on Radio Environment Maps. Wireless Communications and Mobile Computing, 2018, 2018, 1-15.	0.8	16
261	A Service-Oriented Approach for Radio Resource Management in Virtual RANs. Wireless Communications and Mobile Computing, 2018, 2018, 1-13.	0.8	5
262	Aggregated Resource Provisioning for Network Slices. , 2018, , .		7
263	Wireless Network Virtualization with Multicast Communications. , 2018, , .		0
264	Caching as a Service in 5G Networks: Intelligent Transport and Video on Demand Scenarios. , 2018, , .		2
265	Network slice optimization method for wireless access networks. , 2018, , .		1
266	Enabling Dynamic Resource Sharing for Slice Customization in 5G Networks. , 2018, , .		8
267	Content-Aware Caching in SDN-Enabled Virtualized Wireless D2D Networks to Reduce Visiting Latency. , 2018, , .		3
268	Massive MIMO Heterogeneous Networks: Downlink Sum Rate Maximization under Power Control. , 2018, , .		1
269	Network Slicing with Mobile Edge Computing for Micro-Operator Networks in Beyond 5G. , 2018, , .		13
270	A Fair Computational Resource Management Strategy in C-RAN. , 2018, , .		5
271	Resource Provisioning of MVNOs in a Virtualized Wireless Network: A Procurement Auction Approach. , 2018, , .		1
272	Virtual network embedding in cross-domain network based on topology and resource attributes. IOP Conference Series: Materials Science and Engineering, 2018, 322, 072010.	0.3	0
273	Cognitive Radio Technology in 5G Wireless Communications. , 2018, , .		17

	CITATION RE	PORT	
#	ARTICLE Multi-Scale Hierarchical Resource Management for Wireless Network Virtualization. IEEE	IF	CITATIONS
274	Transactions on Cognitive Communications and Networking, 2018, 4, 919-928.	4.9	10
275	A hierarchical adaptive routing algorithm of wireless sensor network based on software-defined network. International Journal of Distributed Sensor Networks, 2018, 14, 155014771879461.	1.3	2
276	Low-Complexity Distributed Radio Access Network Slicing: Algorithms and Experimental Results. IEEE/ACM Transactions on Networking, 2018, 26, 2815-2828.	2.6	41
277	Caching as a Service for 5G Networks: A Matching Game Approach for CaaS Resource Allocation. , 2018, , .		2
278	Power resource allocation algorithm based on model of supply and demand in wireless network virtualization. AIP Conference Proceedings, 2018, , .	0.3	0
279	WNOS. , 2018, , .		15
280	A Method for Calculating Link Weight Dynamically by Entropy of Information in SDN. , 2018, , .		3
281	Multi-Service Resource Allocation in Future Network With Wireless Virtualization. IEEE Access, 2018, 6, 53854-53868.	2.6	15
282	The Race to 5G Era; LTE and Wi-Fi. IEEE Access, 2018, 6, 56598-56636.	2.6	44
283	User-Oriented Energy-Saving Offloading for Wireless Virtualization Aided Mobile Edge Computing. , 2018, , .		1
284	Independent Coordination for Sharing Spectrum and Small Cells. , 2018, , .		1
285	Spectrum Management Application for Virtualized Wireless Vehicular Networks: A Step Toward Programmable Spectrum Management in Future Wireless Networks. IEEE Vehicular Technology Magazine, 2018, 13, 94-105.	2.8	6
286	Cooperative Slice Allocation for Virtualized Wireless Network. , 2018, , .		4
287	Contract-Based Spectrum Allocation for Wireless Virtualized Networks. IEEE Transactions on Wireless Communications, 2018, 17, 7222-7235.	6.1	7
288	Hybrid SDN Networks: A Survey of Existing Approaches. IEEE Communications Surveys and Tutorials, 2018, 20, 3259-3306.	24.8	236
289	Green Machine-to-Machine Communications with Mobile Edge Computing and Wireless Network Virtualization. , 2018, 56, 148-154.		43
290	Radio resource and service orchestration for virtualised multi-tenant mobile Het-Nets. , 2018, , .		7
291	Soft Cache Hits: Improving Performance Through Recommendation and Delivery of Related Content. IEEE Journal on Selected Areas in Communications, 2018, 36, 1300-1313.	9.7	84

#	Article	IF	CITATIONS
292	Network graphs reflecting transmission policies. , 2018, , .		0
293	Dynamic Resource Allocation for Uplink MIMO NOMA VWN with Imperfect SIC. , 2018, , .		19
294	Virtual MAC Spoofing Detection through Deep Learning. , 2018, , .		9
295	SDR Virtualization in Future Mobile Networks: Enabling Multi-Programmable Air-Interfaces. , 2018, , .		14
296	QoS-Aware Resource Allocation for Network Virtualization in an Integrated Train Ground Communication System. Wireless Communications and Mobile Computing, 2018, 2018, 1-12.	0.8	2
297	Drawing Inspiration from Human Brain Networks: Construction of Interconnected Virtual Networks. Sensors, 2018, 18, 1133.	2.1	8
298	Wireless network virtualization with non-orthogonal multiple access. , 2018, , .		18
299	A channel bonding scheme with packet dropping mechanism in centralized cognitive radio networks. , 2018, , .		4
300	Performance Evaluation of Integrated Multi-Access Edge Computing and Fiber-Wireless Access Networks. IEEE Access, 2018, 6, 30269-30279.	2.6	42
301	Resource Allocation in Adaptive Virtualized Wireless Networks with Mobile Edge Computing. , 2018, , .		12
302	AP-STA Association Control for Throughput Maximization in Virtualized WiFi Networks. IEEE Access, 2018, 6, 45034-45050.	2.6	14
303	Air-Ground Integrated Vehicular Network Slicing With Content Pushing and Caching. IEEE Journal on Selected Areas in Communications, 2018, 36, 2114-2127.	9.7	95
304	Leveraging synergy of SDWN and multiâ€layer resource management for 5G networks. IET Networks, 2018, 7, 336-345.	1.1	12
305	Dynamic Radio Resource Slicing for a Two-Tier Heterogeneous Wireless Network. IEEE Transactions on Vehicular Technology, 2018, 67, 9896-9910.	3.9	117
306	Network Virtualization Resource Allocation and Economics Based on Prey-Predator Food Chain Model. IEEE Transactions on Communications, 2018, , 1-1.	4.9	6
307	Antenna Allocation and Pricing inVirtualized Massive MIMO Networks via Stackelberg Game. IEEE Transactions on Communications, 2018, 66, 5220-5234.	4.9	11
308	Optimal resource sharing in multi-tenant 5G networks. , 2018, , .		9
309	User Oriented Resource Management With Virtualization: A Hierarchical Game Approach. IEEE Access, 2018, 6, 37070-37083.	2.6	7

ARTICLE IF CITATIONS # A Social-Aware Virtual MAC Protocol for Energy-Efficient D2D Communications Underlying 310 3.9 24 Heterogeneous Cellular Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 8372-8385. Fiber-Wireless Network Virtual Resource Embedding Method Based on Load Balancing and Priority. 311 2.6 9 IEEE Access, 2018, 6, 33201-33215. Matching Games for 5G Networking Paradigms. EAI/Springer Innovations in Communication and 312 0.9 1 Computing, 2019, , 69-105. A Survey of Machine Learning Techniques Applied to Software Defined Networking (SDN): Research 24.8 Issues and Challenges. IEEE Communications Surveys and Tutorials, 2019, 21, 393-430. Energy-Efficient Machine-to-Machine (M2M) Communications in Virtualized Cellular Networks with 314 3.9 37 Mobile Edge Computing (MEC). IEEE Transactions on Mobile Computing, 2019, 18, 1541-1555. Slice Allocation and Pricing Framework for Virtualized Millimeter Wave Cellular Networks. IEEE 2.6 Access, 2019, 7, 86349-86366. Energy-Efficient Virtual Radio Access Networks for Multi-Operators Cooperative Cellular Networks. 316 3.5 15 IEEE Transactions on Green Communications and Networking, 2019, 3, 603-614. Wireless Network Slicing: Generalized Kelly Mechanism-Based Resource Allocation. IEEE Journal on 317 48 Selected Areas in Communications, 2019, 37, 1794-1807. Multi-User and Multi-Task Offloading Decision Algorithms Based on Imbalanced Edge Cloud. IEEE 318 2.6 16 Access, 2019, 7, 95970-95977. Slice Management in Radio Access Network via Iterative Adaptation., 2019,,. Virtualization of 5G Cellular Networks: A Combinatorial Share-Averse Auction Approach. Lecture 320 1.0 12 Notes in Computer Science, 2019, , 13-24. Information-Centric Virtualization for Software-Defined Statistical QoS Provisioning Over 5G Multimedia Big Data Wireless Networks. IEEE Journal on Selected Areas in Communications, 2019, 37, 9.7 1721-1738. On efficient radio resource calendaring in cloud radio access network. Computer Networks, 2019, 322 3.2 3 162, 106862. Matching Games., 2019, , 11-37. 324 325 Contract Theory., 2019,, 38-107. 0 Stochastic Games., 2019, , 108-111. Games with Bounded Rationality., 2019, , 112-122. 327 0 Learning in Games. , 2019, , 123-143.

#	Article	IF	CITATIONS
329	Equilibrium Programming with Equilibrium Constraints. , 2019, , 144-167.		0
330	Miscellaneous Games. , 2019, , 168-192.		Ο
331	Applications of Game Theory in the Internet of Things. , 2019, , 195-257.		0
332	Applications of Game Theory in Network Virtualization. , 2019, , 258-269.		0
333	Applications of Game Theory in Cloud Networking. , 2019, , 270-314.		0
334	Applications of Game Theory in Context-Aware Networks and Mobile Services. , 2019, , 315-346.		0
335	Applications of Game Theory for Green Communication Networks. , 2019, , 347-376.		0
336	4G, 5G, and Beyond. , 2019, , 377-424.		0
339	An Efficient Resource Management Mechanism for Network Slicing in a LTE Network. IEEE Access, 2019, 7, 89441-89457.	2.6	25
340	Weighted Proportional Allocation Based Power Allocation in Wireless Network Virtualization for Future Wireless Networks. , 2019, , .		4
341	A novel optimization based algorithmic technique to improve QoS of high efficiency WLANs using M/D/1 model. AEU - International Journal of Electronics and Communications, 2019, 110, 152866.	1.7	0
342	Autonomous Cache Resource Slicing and Content Placement at Virtualized Mobile Edge Network. IEEE Access, 2019, 7, 84727-84743.	2.6	10
343	Software Defined 5G and 6G Networks: a Survey. Mobile Networks and Applications, 2022, 27, 1792-1812.	2.2	46
344	ARMA-Prediction-Based Online Adaptive Dynamic Resource Allocation in Wireless Virtualized Network. IEEE Access, 2019, 7, 130438-130450.	2.6	13
345	Flow-Based Network Slicing: Mapping the Future Mobile Radio Access Networks. , 2019, , .		8
346	Gigabit Ethernet with Wireless Extension: OPNET Modelling and Performance Study. , 2019, , .		3
347	Multi-Tenant Cross-Slice Resource Orchestration: A Deep Reinforcement Learning Approach. IEEE Journal on Selected Areas in Communications, 2019, 37, 2377-2392.	9.7	96
348	Strategies for Network Slicing Negotiation in a Dynamic Resource Market. , 2019, , .		6

#	Article	IF	CITATIONS
349	User Access Control and Bandwidth Allocation for Slice-Based 5G-and-Beyond Radio Access Networks. , 2019, , .		15
350	Two-Tier Architecture for Spectrum Auction in SDN-Enabled Cloud Radio Access Network. IEEE Transactions on Vehicular Technology, 2019, 68, 9191-9204.	3.9	9
351	Dynamic Resource Provisioning and Resource Customization for Mixed Traffics in Virtualized Radio Access Network. IEEE Access, 2019, 7, 115440-115453.	2.6	11
352	Towards Enabling RAN as a Service - The Extensible Virtualisation Layer. , 2019, , .		5
353	Resource Allocation of Smart Grid Virtual Communication Network based on Genetic Algorithm. , 2019, , .		2
354	LTE-Based Public Safety Networks: A Survey. IEEE Communications Surveys and Tutorials, 2019, 21, 1165-1187.	24.8	37
355	Hierarchical Radio Resource Allocation for Network Slicing in Fog Radio Access Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 3866-3881.	3.9	63
356	Automated Self-Optimization in Heterogeneous Wireless Communications Networks. IEEE/ACM Transactions on Networking, 2019, 27, 419-432.	2.6	14
357	Resource Virtualization for Customized Delay- Bounded QoS Provisioning in Uplink VMIMO-SC-FDMA Systems. IEEE Transactions on Communications, 2019, 67, 2951-2967.	4.9	16
358	Orchestrating Resource Management in LTE-Unlicensed Systems With Backhaul Link Constraints. IEEE Transactions on Wireless Communications, 2019, 18, 1360-1375.	6.1	11
359	Shared Sensor Networks Fundamentals, Challenges, Opportunities, Virtualization Techniques, Comparative Analysis, Novel Architecture and Taxonomy. Journal of Sensor and Actuator Networks, 2019, 8, 29.	2.3	3
360	Autonomous Resource Provisioning and Resource Customization for Mixed Traffics in Virtualized Radio Access Network. IEEE Systems Journal, 2019, 13, 2454-2465.	2.9	57
361	FPGA-SDR Integration and Experimental Validation of a Joint DA ML SNR and Doppler Spread Estimator for 5G Cognitive Transceivers. IEEE Access, 2019, 7, 69464-69480.	2.6	8
362	Inter-Tenant Resource Sharing and Power Allocation in 5G Virtual Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 7931-7943.	3.9	15
363	Pricing-Based Resource Allocation in Virtualized Cloud Radio Access Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 7096-7107.	3.9	12
364	A Supplier-Firm-Buyer Framework for Computation and Content Resource Assignment in Wireless Virtual Networks. IEEE Transactions on Wireless Communications, 2019, 18, 4116-4128.	6.1	15
365	Wireless Network Virtualization by Leveraging Blockchain Technology and Machine Learning. , 2019, , .		9
366	Dynamic Reservation and Deep Reinforcement Learning Based Autonomous Resource Slicing for Virtualized Radio Access Networks. IEEE Access, 2019, 7, 45758-45772.	2.6	81

#	Article	IF	CITATIONS
368	Network Slicing: Radio Resource Allocation. , 2019, , 43-67.		1
369	Network Slicing: Radio Resource Allocation Using Non-orthogonal Multiple Access. , 2019, , 69-89.		1
370	Network Slicing: Cache and Backhaul Resource Allocation. , 2019, , 91-108.		1
371	A Deep Learning Model Generation Framework for Virtualized Multi-Access Edge Cache Management. IEEE Access, 2019, 7, 62734-62749.	2.6	24
372	Virtual Network Embedding Algorithm for Location-Based Identifier Allocation. IEEE Access, 2019, 7, 31159-31169.	2.6	6
373	Bidirectional Mission Offloading for Agile Space-Air-Ground Integrated Networks. IEEE Wireless Communications, 2019, 26, 38-45.	6.6	71
374	Intelligent Network Resource Management. Wireless Networks, 2019, , 157-197.	0.3	0
375	Kinematic Information Aided User-Centric 5G Vehicular Networks in Support of Cooperative Perception for Automated Driving. IEEE Access, 2019, 7, 40195-40209.	2.6	26
376	Non-cooperative and Cooperative Spectrum Sensing in 5G Cognitive Networks. , 2019, , 185-205.		0
377	Ultra-Reliable Low-Latency Communications in Autonomous Vehicular Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 5005-5016.	3.9	114
378	<i>5G-EmPOWER</i> : A Software-Defined Networking Platform for 5G Radio Access Networks. IEEE Transactions on Network and Service Management, 2019, 16, 715-728.	3.2	103
379	A survey on software defined networking enabled smart buildings: Architecture, challenges and use cases. Journal of Network and Computer Applications, 2019, 137, 62-77.	5.8	39
380	Intelligent Latency-Aware Virtual Network Embedding for Industrial Wireless Networks. IEEE Internet of Things Journal, 2019, 6, 7484-7496.	5.5	21
381	Using Deep Learning and Radio Virtualisation for Efficient Spectrum Sharing Among Coexisting Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 165-174.	0.2	1
382	Online Downlink MIMO Wireless Network Virtualization in Fading Environments. , 2019, , .		5
383	Network Slicing. , 2019, , .		1
384	Blockchain for 5G: Opportunities and Challenges. , 2019, , .		55
386	A Retransmission Control Scheme with Adjustment Factor for Hierarchical Secondary Users in CRNs. , 2019, , .		1

CITATI	ON	DEDO	DT
CITATI	UN	KEPO	I N

#	Article	IF	CITATIONS
387	Optimal Auction for Resource Allocation in Wireless Virtualization: A Deep Learning Approach. , 2019, ,		4
388	An Approximate Power Control Algorithm for a Multi-Cast Wireless Virtual Network Embedding. , 2019, , .		5
389	Secrecy Preserving in Stochastic Resource Orchestration for Multi-Tenancy Network Slicing. , 2019, , .		1
390	WOAPR: an affinity propagation based clustering and optimal path selection for timeâ€critical wireless sensor networks. IET Networks, 2019, 8, 100-106.	1.1	13
391	Radio Resource Management in context of Network Slicing: What is Missing in Existing Mechanisms?. , 2019, , .		10
392	A Novel Transmission Scheduling Based on Deep Reinforcement Learning in Software-Defined Maritime Communication Networks. IEEE Transactions on Cognitive Communications and Networking, 2019, 5, 1155-1166.	4.9	16
393	Age of Information-Aware Multi-tenant Resource Orchestration in Network Slicing. , 2019, , .		1
394	Intelligent Maritime Communications Enabled by Deep Reinforcement Learning. , 2019, , .		1
395	Energy Efficient Multi-Tenant Resource Slicing in Virtualized Multi-Access Edge Computing. , 2019, , .		8
396	Application and research of automatic password update technology based on the development of wireless network. Journal of Intelligent and Fuzzy Systems, 2019, 37, 3357-3363.	0.8	2
397	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
398	A Review of Software-Defined WLANs: Architectures and Central Control Mechanisms. IEEE Communications Surveys and Tutorials, 2019, 21, 431-463.	24.8	34
399	Leveraging Tactile Internet Cognizance and Operation via IoT and Edge Technologies. Proceedings of the IEEE, 2019, 107, 364-375.	16.4	42
400	Payoff Optimization Through Wireless Network Virtualization for IoT Applications: A Three Layer Game Approach. IEEE Internet of Things Journal, 2019, 6, 2797-2805.	5.5	44
401	Flexibility in Softwarized Networks: Classifications and Research Challenges. IEEE Communications Surveys and Tutorials, 2019, 21, 2600-2636.	24.8	55
402	Software Defined Mission-Critical Wireless Sensor Network: Architecture and Edge Offloading Strategy. IEEE Access, 2019, 7, 10383-10391.	2.6	31
403	A QoS-Aware Joint Power and Subchannel Allocation Algorithm for Mobile Network Virtualization. Wireless Personal Communications, 2019, 104, 507-526.	1.8	4
404	Improving Tradeoff Among Downlink Rates of Service Providers in a VWN by Using NOMA. IEEE Communications Letters, 2019, 23, 156-159.	2.5	5

#	Article	IF	CITATIONS
405	Network Virtualization with Energy Efficiency Optimization for Wireless Heterogeneous Networks. IEEE Transactions on Mobile Computing, 2019, 18, 2386-2400.	3.9	23
406	Game-Theory Based Power and Spectrum Virtualization for Optimizing Spectrum Efficiency in Mobile Cloud-Computing Wireless Networks. IEEE Transactions on Cloud Computing, 2019, 7, 1025-1038.	3.1	16
407	When Green Energy Meets Cloud Radio Access Network: Joint Optimization Towards Brown Energy Minimization. Mobile Networks and Applications, 2019, 24, 962-970.	2.2	12
408	Resource allocation in SDN based 5G cellular networks. Peer-to-Peer Networking and Applications, 2019, 12, 514-538.	2.6	25
409	Joint mode selection, VBS association and resource allocation for WNV-enabled cellular D2D communication networks. Wireless Networks, 2020, 26, 1653-1666.	2.0	0
410	A novel network virtualization based on data analytics in connected environment. Journal of Ambient Intelligence and Humanized Computing, 2020, 11, 75-86.	3.3	9
411	Orchestration of heterogeneous wireless networks: State of the art and remaining challenges. Computer Communications, 2020, 149, 62-77.	3.1	12
412	A multi-stage analysis of network slicing architecture for 5G mobile networks. Telecommunication Systems, 2020, 73, 205-221.	1.6	16
413	Market-Driven Stochastic Resource Allocation Framework for Wireless Network Virtualization. IEEE Systems Journal, 2020, 14, 489-499.	2.9	11
414	Matching theory as enabler of efficient spectrum management in 5G networks. Transactions on Emerging Telecommunications Technologies, 2020, 31, e3769.	2.6	1
415	Dynamic resource virtualisation method for survivability enhancement based on SDN. IET Information Security, 2020, 14, 82-88.	1.1	2
416	DROI: Energy-efficient virtual network embedding algorithm based on dynamic regions of interest. Computer Networks, 2020, 166, 106952.	3.2	9
417	5G network slicing using SDN and NFV: A survey of taxonomy, architectures and future challenges. Computer Networks, 2020, 167, 106984.	3.2	465
418	Distributed Green Offloading and Power Optimization in Virtualized Small Cell Networks With Mobile Edge Computing. IEEE Transactions on Green Communications and Networking, 2020, 4, 69-82.	3.5	15
419	SDN/NFV-Empowered Future IoV With Enhanced Communication, Computing, and Caching. Proceedings of the IEEE, 2020, 108, 274-291.	16.4	184
420	QoE Management of Multimedia Streaming Services in Future Networks: A Tutorial and Survey. IEEE Communications Surveys and Tutorials, 2020, 22, 526-565.	24.8	125
421	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
422	Management and Orchestration of Virtual Network Functions via Deep Reinforcement Learning. IEEE Journal on Selected Areas in Communications, 2020, 38, 304-317.	9.7	37

#	Article	IF	CITATIONS
423	A Two-Layered Incentive Scheme for Cooperation in Sliced 5G D2D Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 13289-13304.	3.9	7
424	Multi-Domain Network Slicing With Latency Equalization. IEEE Transactions on Network and Service Management, 2020, 17, 2182-2196.	3.2	17
425	Spectrum Activity Surveillance: Modeling and Analysis From Perspectives of Surveillance Coverage and Culprit Detection. IEEE Transactions on Mobile Computing, 2022, 21, 1829-1846.	3.9	0
426	Virtual Radios, Real Services: Enabling RANaaS Through Radio Virtualisation. IEEE Transactions on Network and Service Management, 2020, 17, 2610-2619.	3.2	5
427	Pricing and Resource Allocation Optimization for IoT Fog Computing and NFV: An EPEC and Matching Based Perspective. IEEE Transactions on Mobile Computing, 2022, 21, 1349-1361.	3.9	14
428	ESP-VDCE: Energy, SLA, and Price-driven Virtual Data Center Embedding. , 2020, , .		2
429	Framework for Slice-Aware Radio Resource Management Utilizing Artificial Neural Networks. IEEE Access, 2020, 8, 174972-174987.	2.6	7
430	A Blockchain-Enabled Secure Power Trading Mechanism for Smart Grid Employing Wireless Networks. IEEE Access, 2020, 8, 177745-177756.	2.6	33
431	Online Precoding Design for Downlink MIMO Wireless Network Virtualization with Imperfect CSI. , 2020, , .		6
432	Hierarchical Resource Allocation in Multi-Service Wireless Networks With Wireless Network Virtualization. IEEE Transactions on Vehicular Technology, 2020, 69, 11811-11827.	3.9	17
433	An efficient neural network optimized by fruit fly optimization algorithm for user equipment association in softwareâ€defined wireless sensor network. International Journal of Network Management, 2020, 30, e2135.	1.4	4
434	A Coverage-Aware Resource Provisioning Method for Network Slicing. IEEE/ACM Transactions on Networking, 2020, 28, 2393-2406.	2.6	11
435	An access selection mechanism in 5G network slicing. , 2020, , .		6
436	5G network slices embedding with sharable virtual network functions. Journal of Communications and Networks, 2020, 22, 415-427.	1.8	29
437	A Packet Dropping Mechanism in Multi-channel Cognitive Radio Networks with Classified Secondary Users. , 2020, , .		0
438	SDN-Based Regulated Flow Routing in MANETs. , 2020, , .		6
439	WiFi-Based Virtual Access Network Scheduling for Downlink Traffic Dominated Smart Spaces. Mobile Information Systems, 2020, 2020, 1-9.	0.4	0
440	Resource Allocation for Virtualized Wireless Networks with Mobile Edge Computing. , 2020, , .		1

Article	IF	CITATIONS
Joint Multioperator Virtual Network Sharing and Caching in Energy Harvesting-Aided Environmental Internet of Things. IEEE Internet of Things Journal, 2020, 7, 7689-7701.	5.5	3
Distributed Radio Slice Allocation in Wireless Network Virtualization: Matching Theory Meets Auctions. IEEE Access, 2020, 8, 73494-73507.	2.6	17
Virtual Network Embedding for Multi-Domain Heterogeneous Converged Optical Networks: Issues and Challenges. Sensors, 2020, 20, 2655.	2.1	10
Mixed-Numerology Signals Transmission and Interference Cancellation for Radio Access Network Slicing. IEEE Transactions on Wireless Communications, 2020, 19, 5132-5147.	6.1	20
Safeguard Network Slicing in 5C: A Learning Augmented Optimization Approach. IEEE Journal on Selected Areas in Communications, 2020, 38, 1600-1613.	9.7	36
Service Provisioning Framework for RAN Slicing: User Admissibility, Slice Association and Bandwidth Allocation. IEEE Transactions on Mobile Computing, 2021, 20, 3409-3422.	3.9	40
Delay-Aware Resource Management for Multi-Service Coexisting LTE-D2D Networks With Wireless Network Virtualization. IEEE Transactions on Vehicular Technology, 2020, 69, 7339-7353.	3.9	6
Pricing Mechanism for Virtualized Heterogeneous Resources in Wireless Network Virtualization. , 2020, , .		3
Task-Oriented Intelligent Networking Architecture for the Space–Air–Ground–Aqua Integrated Network. IEEE Internet of Things Journal, 2020, 7, 5345-5358.	5.5	58
On Optimal Orchestration of Virtualized Cellular Networks With Downlink Rate Coverage Probability Constraints. IEEE Transactions on Wireless Communications, 2020, 19, 4378-4393.	6.1	2
Sharing Distributed and Heterogeneous Resources toward End-to-End 5G Networks: A Comprehensive Survey and a Taxonomy. IEEE Communications Surveys and Tutorials, 2020, 22, 1592-1628.	24.8	37
Joint Radio Resource Allocation and Content Caching in Heterogeneous Virtualized Wireless Networks. IEEE Access, 2020, 8, 36764-36775.	2.6	14
A Baseband Wireless Spectrum Hypervisor for Multiplexing Concurrent OFDM Signals. Sensors, 2020, 20, 1101.	2.1	5
Minimum Cost Reconfigurable Network Template Design With Guaranteed QoS. IEEE Transactions on Communications, 2020, 68, 1013-1024.	4.9	1
Toward Efficient Network Resource Sharing: From One-Sided Market to Two-Sided Market. IEEE Wireless Communications, 2020, 27, 141-147.	6.6	5
Thirty Years of Machine Learning: The Road to Pareto-Optimal Wireless Networks. IEEE Communications Surveys and Tutorials, 2020, 22, 1472-1514.	24.8	361
Hierarchical Soft Slicing to Meet Multi-Dimensional QoS Demand in Cache-Enabled Vehicular Networks. IEEE Transactions on Wireless Communications, 2020, 19, 2150-2162.	6.1	28
Deceptor-in-the-Middle (DitM): Cyber Deception for Security in Wireless Network Virtualization. , 2020, , .		5
	Init Multioperator Virtual Network Sharing and Caching in Energy Harvesting-Alded Environmental Internet of Things Journal, 2020, 7, 7689-7701. Distributed Radio Slice Allocation in Wheless Network Virtualization: Matching Theory Meets Wirtual Network Embedding for Multi-Domain Heterogeneous Converged Optical Networks: Issues and Challenges. Sensors, 2020, 20, 2655. Mixed Numerology Signals Transmission and Interference Cancellation for Radio Access Network Slicing: IEEE Transactions on Wheless Communications, 2020, 19, 5122-5147. Safeguard Network Slicing in 5C: A Learning Augmented Optimization Approach. IEEE Journal on Selected Areas in Communications, 2020, 38, 1500-1613. Safeguard Network Slicing in FG: A Learning Augmented Optimization Approach. IEEE Journal on Selected Areas in Communications, 2020, 38, 1500-1613. Safeguard Network For PAN Slicing: User Admissibility, Slice Association and Bandwidth Allocaton. IEEE Transactions on Wohle Computing, 2021, 20, 340-3427. Delay-Aware Resource Management for Multi-Service Coexisting LTE-D2D Networks With Wireless Network Virtualization. EEE Transactions on Vehicular Technology, 2020, 69, 7339-7353. Pricing Mechanism for Virtualized Heterogeneous Resources in Wireless Networks Virtualization. Oro, Optimal Orchestration of Virtualized Cellular Networks With Downlink Rate Coverage Probability Constraints. IEEE Transactions on Wireless Communications, 2020, 19, 4378-4393. Sharing Distributed and Heterogeneous Resources toward End-to-End SG Networks: A Comprehensive Survey and Taxonomy. IEEE Communications Surveys and Tutorials, 2020, 22, 1592-1628. Junt Radio Resourc	Internet of Things. IEEE Internet of Things Journal, 2020, 7, 7689-7701. 6.5 Distributed Radio Slice Allocation in Wireless Network Virtualization: Matching Theory Meets 2.6 Victual Network Embedding for Multi-Domain Heterogeneous Converged Optical Networks: Issues and Challenges. Sensors, 2020, 20, 2655. 2.1 Mixed Numerology Signals Transmission and Interference Cancellation for Radio Access Network 6.1 Sefguiran Network Sileing in SC: A Learning Augmented Optimization Approach. IEEE Journal on Selected Areas in Communications, 2020, 38, 1600 1613. 9.7 Service Provisioning Framework for RAN Slieing: User Admissibility, Slice Association and Bandwidth Allocation, IEEE Transactions on Weblic Computing, 2021, 20, 3409-3422. 9.9 Policy Avara Resource Management for Multi-Service Cocodeting ITE-DD Networks With Wireless 9.9 Priding Mechanism for Virtualized Heterogeneous Resources in Wireless Network Virtualization , 2020, 53, 1500 1613. 9.7 Service Provisioning Framework for RAN Slieng: User Admissibility, Slice Association and Bandwidth Allocation. IEEE Transactions on Webical ar Technology, 2020, 69, 7339-7353. 9.9 Philing Mechanism for Virtualized Heterogeneous Resources in Wireless Network Virtualization , 2020, 7, 5345-5358. 6.1 On Optimal Orchestration of Virtualized Cellular Networks With Downlink Rata Coverage Probability Constraints. IEEE Fransactions on Webical Sorteworks (Consumptional). 9.4 Sarring Distributed and Heterogeneous Resources towar

#	Article	IF	CITATIONS
459	Radio resource management: approaches and implementations from 4G to 5G and beyond. Wireless Networks, 2021, 27, 693-734.	2.0	28
460	Reinforcement Learning Meets Wireless Networks: A Layering Perspective. IEEE Internet of Things Journal, 2021, 8, 85-111.	5.5	19
461	Multi-Operator Spectrum Sharing for Massive IoT Coexisting in 5G/B5G Wireless Networks. IEEE Journal on Selected Areas in Communications, 2021, 39, 881-895.	9.7	58
462	Revenue-Optimal Auction For Resource Allocation in Wireless Virtualization: A Deep Learning Approach. IEEE Transactions on Mobile Computing, 2022, 21, 1374-1387.	3.9	6
463	Cyclic Three-Sided Matching Game Inspired Wireless Network Virtualization. IEEE Transactions on Mobile Computing, 2021, 20, 416-428.	3.9	23
464	A Transfer Deep Q-Learning Framework for Resource Competition in Virtual Mobile Networks With Energy-Harvesting Base Stations. IEEE Systems Journal, 2021, 15, 319-330.	2.9	7
465	Sensor Cloud Frameworks: State-of-the-Art, Taxonomy, and Research Issues. IEEE Sensors Journal, 2021, 21, 22347-22370.	2.4	28
466	Distributed Coordinated Precoding for MIMO Cellular Network Virtualization. IEEE Transactions on Wireless Communications, 2022, 21, 106-120.	6.1	3
467	Deep Reinforcement Learning Based Dynamic Spectrum Competition in Green Cognitive Virtualized Networks. IEEE Access, 2021, 9, 52193-52201.	2.6	3
468	Wheel Graph-based approach for embedding Location aware - Energy Efficient Virtual Network using Nelder Mead method in IoT Data Manipulation. , 2021, , .		0
469	Spectrum allocation strategy with a probabilistic preemption scheme in cognitive radio networks: analysis and optimization. Annals of Operations Research, 2022, 310, 621-639.	2.6	5
470	Decentralized Blockchain-Based Dynamic Spectrum Acquisition for Wireless Downlink Communications. IEEE Transactions on Signal Processing, 2021, 69, 986-997.	3.2	12
471	A Reliable Interference-Aware Mapping Algorithm for Airborne Tactical Network Virtualization. IEEE Access, 2021, 9, 5083-5096.	2.6	6
472	A Context-Aware Radio Resource Management in Heterogeneous Virtual RANs. IEEE Transactions on Cognitive Communications and Networking, 2022, 8, 321-334.	4.9	2
473	Wireless resource management in sliced networks based on isolation indexes. , 2021, , .		3
474	Uncertainty-Aware Resource Provisioning for Network Slicing. IEEE Transactions on Network and Service Management, 2021, 18, 79-93.	3.2	17
475	A Load-Balanced Re-Embedding Scheme for Wireless Network Virtualization. IEEE Transactions on Vehicular Technology, 2021, 70, 3761-3772.	3.9	16
476	The Structural Modeling of Significant Factors for Sustainable Cloud Migration. International Journal of Intelligent Engineering and Systems, 2021, 14, 1-10.	0.8	1

#	Article	IF	Citations
477	Research on Integrated Scheme of Train-Ground Wireless Communication in Suburban Railway. , 2021, ,		0
478	A Survey on Integrated Access and Backhaul Networks. Frontiers in Communications and Networks, 2021, 2, .	1.9	24
479	WNOS: Enabling Principled Software-Defined Wireless Networking. IEEE/ACM Transactions on Networking, 2021, 29, 1391-1407.	2.6	10
480	Resources Allocation and Sharing in Wireless Virtual Networks. International Journal of Advanced Research in Computer and Communication Engineering, 2021, 10, .	0.1	0
481	NFV and Blockchain Enabled 5G for Ultra-Reliable and Low-Latency Communications in Industry: Architecture and Performance Evaluation. IEEE Transactions on Industrial Informatics, 2021, 17, 5595-5604.	7.2	16
482	Feature reduction scheme for anomalyâ€based intrusion detection in wireless networks: Building of hybrid model. Transactions on Emerging Telecommunications Technologies, 0, , .	2.6	0
484	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
485	Comparison of a Probabilistic Returning Scheme for Preemptive and Non-Preemptive Schemes in Cognitive Radio Networks with Two Classes of Secondary Users. IEICE Transactions on Communications, 2022, E105.B, 338-346.	0.4	0
486	Deployment and Reconfiguration for Balanced 5G Core Network Slices. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2021, E104.A, .	0.2	2
487	Joint Subcarrier Assignment and Power Allocation for OFDMA Full Duplex Distributed Antenna Systems. IEEE Transactions on Vehicular Technology, 2021, 70, 11554-11564.	3.9	6
488	Beyond the Next Generation Access. Springer Series in Wireless Technology, 2016, , 17-39.	1.1	2
489	Virtualization Techniques: Challenges and Opportunities. Lecture Notes in Computer Science, 2016, , 49-62.	1.0	4
490	Towards Spectrum Sharing in Virtualized Networks: A Survey and an Outlook. EAI/Springer Innovations in Communication and Computing, 2019, , 1-28.	0.9	3
491	Cloud Computing Trends and Cloud Migration Tuple. Lecture Notes in Networks and Systems, 2020, , 737-745.	0.5	7
493	Identifying Requirements Affecting Latency in a Softwarized Network for Future 5G and Beyond. , 2020,		4
494	Modem Design in the Era of 5G and Beyond: The Need for a Formal Approach. , 2020, , .		4
495	AIRTIME: End-to-End Virtualization Layer for RAN-as-a-Service in Future Multi-Service Mobile Networks. IEEE Transactions on Mobile Computing, 2022, 21, 2701-2717.	3.9	5
496	Cooperative Spectrum Sensing with Trust Assistance for Cognitive Radio Vehicular Ad hoc Networks. , 2015, , .		16

#	Article	IF	CITATIONS
497	Performance evaluation of deception system for deceiving cyber adversaries in adaptive virtualized wireless networks. , 2019, , .		4
498	Comprehensive Study of Hierarchical Routing Protocols in MANET using Simple Clustering. Cihan University-Erbil Scientific Journal, 2017, 2017, 142-150.	0.2	2
499	Radio and Computing Resource Allocation in Co-Located Edge Computing: A Generalized Nash Equilibrium Model. IEEE Transactions on Mobile Computing, 2023, 22, 2340-2352.	3.9	7
500	An Efficient Resource Sharing Model for Multi-UAV-Assisted Wireless Networks. , 2021, , .		0
501	Towards Adoption of Software Defined Wireless Backhaul Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2016, , 521-529.	0.2	3
502	Proposed Technologies for Solving Future 5G Heterogeneous Networks Challenges. International Journal of Computer Applications, 2016, 142, 1-8.	0.2	1
503	5G Technology : A Survey of Architecture and Emerging Technologies. International Journal of Scientific Research in Science and Technology, 2016, , 642-645.	0.1	0
504	Non-Cooperative and Cooperative Spectrum Sensing in 5G Cognitive Networks. , 2017, , 1-21.		9
505	Complementary Investment of Infrastructure and Service Providers in Wireless Network Virtualization. Wireless Networks, 2017, , 105-118.	0.3	3
507	Bandwidth-Efficient Joint User-Association and Resource-Allocation in Multi-Cell VWN. Springer Briefs in Electrical and Computer Engineering, 2018, , 13-35.	0.3	0
509	Heterogeneous Networks Through Multi-resources Deployment, Performance Enhancement for. , 2018, , 1-5.		0
510	Related Research. Advances in Computer and Electrical Engineering Book Series, 2018, , 1-21.	0.2	0
511	Applications of Virtualization Technology in Grid Systems and Cloud Servers. Advances in Computer and Electrical Engineering Book Series, 2018, , 1-28.	0.2	0
512	Observation of WiMAX Radio Parameters to Enhance Spectrum Utilization in Mixed Environment. Journal of Telecommunications and Information Technology, 2018, 1, 42-50.	0.3	1
513	Relaxed Greedy-Based Approach for Enhancing of Resource Allocation for Future Cellular Network. Advances in Intelligent Systems and Computing, 2019, , 364-373.	0.5	0
514	Perspectives for 5G Network Sharing for Mobile Small Cells. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 377-386.	0.2	1
515	Distributed Network Slicing and User Association in Unequal STBC-SNR Branch. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 62-69.	0.2	0
516	Resource Scheduling in Virtualized Wireless Networks. , 2019, , 1-3.		0

#	Article	IF	CITATIONS
517	Public WLAN Virtualization for Multiple Services. IEICE Transactions on Communications, 2019, E102.B, 832-844.	0.4	1
518	Network Coding Design for Reliable Satellite Communication Services. EAI Endorsed Transactions on Industrial Networks and Intelligent Systems, 2019, 6, 160074.	1.5	Ο
519	Network-aware Recommendations in the Wild: Methodology, Realistic Evaluations, Experiments. IEEE Transactions on Mobile Computing, 2020, , 1-1.	3.9	11
520	Resource Scheduling in Virtualized Wireless Networks. , 2020, , 1234-1236.		0
521	Auction-Based Network Service Provider Selection Algorithm in the Main Distribution Network Integration Environment. Computer Science and Application, 2020, 10, 1580-1587.	0.0	0
522	Performance Tradeoff of MVNOs in OFDMA-Based Virtualized Wireless Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 697-712.	3.9	1
523	Heterogeneous Networks Through Multi-resources Deployment, Performance Enhancement for. , 2020, , 557-561.		0
524	Background and Literature Survey. SpringerBriefs in Computer Science, 2020, , 7-13.	0.2	0
525	Integrated System of Networking, Caching, and Computing. , 2020, , 625-629.		0
527	A novel resource management scheme for virtualized cyber–physical–social system. Physical Communication, 2022, 50, 101513.	1.2	3
529	Paired Bid-Based Double Auction Mechanism for RAN Slicing in 5G-and-Beyond System. , 2020, , .		2
530	Genetic Algorithm in Resource Allocation of RAN Slicing with QoS Isolation and Fairness. , 2020, , .		5
531	Multi-service Virtual Network Embedding in Wireless Network. , 2021, , .		1
532	6G and the Internet of Things: Topic Analysis. Journal of Industrial Integration and Management, 2022, 07, 535-553.	3.1	1
533	Admission Control and Resource Reservation for Prioritized Slice Requests With Guaranteed SLA Under Uncertainties. IEEE Transactions on Network and Service Management, 2022, 19, 3136-3153.	3.2	10
534	Interference management in NOMA-enabled virtualized wireless networks. Wireless Networks, 2022, 28, 1457-1474.	2.0	0
535	A survey of deep reinforcement learning application in 5G and beyond network slicing and virtualization. Array, 2022, 14, 100142.	2.5	20
536	A novel oscillation identification method for grid-connected renewable energy based on big data technology. Energy Reports, 2022, 8, 663-671.	2.5	1

#	Article	IF	CITATIONS
537	A novel electric vehicle charging chain design based on blockchain technology. Energy Reports, 2022, 8, 785-793.	2.5	7
538	The network of telecommunications cross″ayer cooperation control of wireless sensor communication network applied in smart distribution grid. International Journal of Communication Systems, 2022, 35, .	1.6	1
539	A Business Model for Resource Sharing in Cell-Free UAVs-Assisted Wireless Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 8839-8852.	3.9	3
540	Edge robotics: are we ready? an experimental evaluation of current vision and future directions. Digital Communications and Networks, 2023, 9, 166-174.	2.7	13
541	5G radio access networks: A survey. Array, 2022, 14, 100170.	2.5	14
542	A channel state information based virtual MAC spoofing detector. High-Confidence Computing, 2022, 2, 100067.	2.2	3
543	Fault-Tolerant Embedding Algorithm for Node Failure in Airborne Tactical Network Virtualization. IEEE Access, 2022, 10, 60558-60571.	2.6	2
544	Online Multicell Coordinated MIMO Wireless Network Virtualization With Imperfect CSI. IEEE Transactions on Wireless Communications, 2022, 21, 10455-10471.	6.1	1
545	Wireless Virtual Network Embedding Algorithm Based on Deep Reinforcement Learning. Electronics (Switzerland), 2022, 11, 2243.	1.8	0
547	Dynamic Reliability-Aware Virtual Network Embedding for Airborne Tactical Networks. Wireless Communications and Mobile Computing, 2022, 2022, 1-19.	0.8	2
548	Consortium Blockchain-Based Spectrum Trading for Network Slicing in 5G RAN: A Multi-Agent Deep Reinforcement Learning Approach. IEEE Transactions on Mobile Computing, 2023, 22, 5801-5815.	3.9	19
549	Stackelberg Game Based Dynamic Resource Trading for Network Slicing in 5g Networks. SSRN Electronic Journal, 0, , .	0.4	0
550	Research on Network Slice Resource Scheduling in Virtual Power Plant. , 2022, , .		0
551	A Review of Energy Efficiency and Power Control Schemes in Ultra-Dense Cell-Free Massive MIMO Systems for Sustainable 6G Wireless Communication. Sustainability, 2022, 14, 11100.	1.6	18
552	Network Slicing User Association Under Optimal Input Covariance Matrix inÂVirtual Network MVNO. Lecture Notes on Data Engineering and Communications Technologies, 2023, , 352-362.	0.5	0
553	A Self-Adaptive Wireless Network Service Embedding through SVM and MTA. , 2022, , .		0
554	Security Assessment and Evaluation of VPNs: A Comprehensive Survey. ACM Computing Surveys, 2023, 55, 1-47.	16.1	2
555	A Review Paper on Big Data Analytics in Mobile Networks. International Journal of Advanced Research in Science, Communication and Technology, 0, , 776-782.	0.0	ο

#	Article	IF	CITATIONS
556	Stackelberg game-based dynamic resource trading for network slicing in 5G networks. Journal of Network and Computer Applications, 2023, 214, 103600.	5.8	3
557	An optimal algorithm for energy harvesting in optical networks. Optical Fiber Technology, 2023, 78, 103288.	1.4	1
559	3C Resource Sharing for Personalized Content Delivery in B5G Networks: A Contract Approach. IEEE Internet of Things Journal, 2023, 10, 13442-13457.	5.5	0
560	Securing Virtual Architecture of Smartphones based on Network Function Virtualization. , 0, , .		28
562	Admission Control Mechanism ofÂWireless Virtual Network Assisted byÂVehicular Fog Computing. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2023, , 149-162.	0.2	0
565	Crow Search Optimization to Identify Adversary Nodes in Wireless Networks. , 2023, , .		0
567	Studying the Adoption of 5G and Future Networks for Social Inclusion: An Innovation Systems Transitions Perspective for Networks-as-a-Service. IFIP Advances in Information and Communication Technology, 2024, , 137-149.	0.5	0
569	Resource Virtualization with End-to-End Timing Guarantees for Multi-Hop Multi-Channel Real-Time Wireless Networks. , 2023, , .		0
570	CNN Based Resource Management forÂD2D Networks withÂWireless Networks Virtualization. Lecture Notes in Electrical Engineering, 2024, , 31-40.	0.3	0