

Jonathan Rodriguez

List of Publications by Year in descending order

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225
papers

6,845
citations

109321

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79698

73
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237
all docs

237
docs citations

237
times ranked

6768
citing authors

#	ARTICLE	IF	CITATIONS
1	Attribute-Based Pseudonymity for Privacy-Preserving Authentication in Cloud Services. IEEE Transactions on Cloud Computing, 2023, 11, 168-184.	4.4	15
2	DECENT: Decentralized and Efficient Key Management to Secure Communication in Dense and Dynamic Environments. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 7586-7598.	8.0	4
3	A Survey on Security Threats and Countermeasures in Internet of Medical Things (IoMT). Transactions on Emerging Telecommunications Technologies, 2022, 33, e4049.	3.9	88
4	Effect analysis of the general complex reciprocal gyro-bianisotropic metamaterial medium on the input impedance of a printed dipole antenna. AEJ - Alexandria Engineering Journal, 2022, 61, 3691-3696.	6.4	6
5	Virtual Networking for Lowering Cost of Ownership. , 2022, , 331-369.		0
6	Drive Towards 6G. , 2022, , 3-35.		2
7	Energy-Efficient RF for UDNs. , 2022, , 123-166.		0
8	Security for UDNs: A Step Toward 6G. , 2022, , 167-201.		0
9	Recent Advances in Antenna Design for 5G Heterogeneous Networks. Electronics (Switzerland), 2022, 11, 146.	3.1	1
10	Transparent 2-Element 5G MIMO Antenna for Sub-6 GHz Applications. Electronics (Switzerland), 2022, 11, 251.	3.1	22
11	UWB CPW fed 4-port connected ground MIMO antenna for sub-millimeter-wave 5G applications. AEJ - Alexandria Engineering Journal, 2022, 61, 6645-6658.	6.4	24
12	Wireless Electromagnetic Radiation Assessment Based on the Specific Absorption Rate (SAR): A Review Case Study. Electronics (Switzerland), 2022, 11, 511.	3.1	14
13	Toward a Secure and Usable User Authentication Mechanism for Mobile Passenger ID Devices for Land/Sea Border Control. IEEE Access, 2022, 10, 38832-38849.	4.2	6
14	Machine Learning for DDoS Attack Detection in Industry 4.0 CPPSs. Electronics (Switzerland), 2022, 11, 602.	3.1	30
15	Blockchain-Based Security Mechanisms for IoMT Edge Networks in IoMT-Based Healthcare Monitoring Systems. Sensors, 2022, 22, 2449.	3.8	47
16	Analysis of gyrobianisotropic media effect on the input impedance, field distribution and mutual coupling of a printed dipole antenna. Scientific Reports, 2022, 12, .	3.3	0
17	On the Performance Analysis of IDLP and SpaceMac for Network Coding-Enabled Mobile Small Cells. IEEE Communications Letters, 2021, 25, 407-411.	4.1	0
18	Continuous and smooth differentiator based on adaptive sliding mode control for a quadrotor MAV. Asian Journal of Control, 2021, 23, 661-672.	3.0	22

#	ARTICLE	IF	CITATIONS
19	Secure Virtual Mobile Small Cells: A Stepping Stone Toward 6G. IEEE Communications Standards Magazine, 2021, 5, 28-36.	4.9	9
20	Generating Datasets for Anomaly-Based Intrusion Detection Systems in IoT and Industrial IoT Networks. Sensors, 2021, 21, 1528.	3.8	28
21	Optimization of Mixed Numerology Profiles for 5G Wireless Communication Scenarios. Sensors, 2021, 21, 1494.	3.8	10
22	Theoretical Study of the Input Impedance and Electromagnetic Field Distribution of a Dipole Antenna Printed on an Electrical/Magnetic Uniaxial Anisotropic Substrate. Electronics (Switzerland), 2021, 10, 1050.	3.1	9
23	3D Network Modeling for THz-Enabled Ultra-Fast Dense Networks: A 6G Perspective. IEEE Communications Standards Magazine, 2021, 5, 84-90.	4.9	23
24	Robust, Resilient and Reliable Architecture for V2X Communications. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 4414-4430.	8.0	16
25	DISTANT: DIStributed Trusted Authority-based key management for beyond 5G wireless mobile small cells. Computer Communications, 2021, 176, 218-233.	5.1	5
26	Ultra-Compact mm-Wave Monolithic IC Doherty Power Amplifier for Mobile Handsets. Electronics (Switzerland), 2021, 10, 2131.	3.1	1
27	Analysis of the Combinatory Effect of Uniaxial Electrical and Magnetic Anisotropy on the Input Impedance and Mutual Coupling of a Printed Dipole Antenna. IEEE Access, 2021, 9, 84910-84921.	4.2	9
28	An Anomaly-Based Intrusion Detection System for Internet of Medical Things Networks. Electronics (Switzerland), 2021, 10, 2562.	3.1	32
29	Risk-Based User Authentication for Mobile Passenger ID Devices for Land and Sea Border Control. , 2021, , .		2
30	A Hyperledger Fabric-based Blockchain Architecture to Secure IoT-based Health Monitoring Systems. , 2021, , .		7
31	IDLP Mechanism for NC-enabled Mobile Small Cells based on Broadcast Nature of Wireless Communication. , 2021, , .		0
32	A new compact printed monopole antenna based on compressed metamaterials for UWB applications. , 2021, , .		1
33	A Privacy-Preserving User Authentication Mechanism for Smart City Mobile Apps. , 2021, , .		8
34	Risk-Based Adaptive User Authentication for Mobile Passenger ID Devices for Land/Sea Border Control. , 2021, , .		8
35	Compact Single-Band Slot Antenna for WLAN Applications. , 2021, , .		0
36	A miniaturized Slot Antenna with Defected Ground Structure for GSM Applications. , 2021, , .		0

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37	A Key Management Framework to Secure IoMT-enabled Healthcare Systems. , 2021, , .		3
38	Generating IoT Edge Network Datasets based on the TON_IoT Telemetry Dataset. , 2021, , .		3
39	Performance Evaluation of Radio Resource Schedulers in LTE and 5G NR Two-Tier HetNets. , 2021, , .		2
40	Recent Advances of Propagation Channel Research for 6G Wireless Communication Systems. , 2021, , .		0
41	An Autonomous Host-Based Intrusion Detection System for Android Mobile Devices. Mobile Networks and Applications, 2020, 25, 164-172.	3.3	35
42	A Signature Scheme with Unlinkable-yet-Accountable Pseudonymity for Privacy-Preserving Crowdsensing. IEEE Transactions on Mobile Computing, 2020, 19, 752-768.	5.8	19
43	Resource Sharing and Task Offloading in IoT Fog Computing: A Contract-Learning Approach. IEEE Transactions on Emerging Topics in Computational Intelligence, 2020, 4, 227-240.	4.9	56
44	Lagrange modeling and navigation based on quaternion for controlling a micro AUV under perturbations. Robotics and Autonomous Systems, 2020, 124, 103408.	5.1	21
45	Very Compact Reconfigurable Planar Filter With Wide-stopband Performance for Sub-6 GHz 5G Systems. , 2020, , .		1
46	When Vehicular Fog Computing Meets Autonomous Driving: Computational Resource Management and Task Offloading. IEEE Network, 2020, 34, 70-76.	6.9	31
47	New High-Gain Differential-Fed Dual-Polarized Filtering Microstrip Antenna for 5G Applications. , 2020, , .		10
48	Loadâ€modulation technique without using quarterâ€wavelength transmission line. IET Microwaves, Antennas and Propagation, 2020, 14, 1209-1215.	1.4	4
49	Energy-Efficiency Maximization for D2D-Enabled UAV-Aided 5G Networks. , 2020, , .		6
50	A Varactor-Based Very Compact Tunable Filter with Wide Tuning Range for 4G and Sub-6 GHz 5G Communications. Sensors, 2020, 20, 4538.	3.8	13
51	Multi-objective Hybrid Scheduler enabling Efficient Resource Management for 5G UDN. , 2020, , .		3
52	Insecticidal and Cholinesterase Activity of Dichloromethane Extracts of Tithonia diversifolia on Atta cephalotes Worker Ants (Formicidae: Myrmicinae). Insects, 2020, 11, 180.	2.2	1
53	A New and Compact Wide-Band Microstrip Filter-Antenna Design for 2.4 GHz ISM Band and 4G Applications. Electronics (Switzerland), 2020, 9, 1084.	3.1	27
54	Design of a Wide-Band Microstrip Filtering Antenna with Modified Shaped Slots and SIR Structure. Inventions, 2020, 5, 11.	2.5	13

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55	Complex Bianisotropy Effect on the Propagation Constant of a Shielded Multilayered Coplanar Waveguide Using Improved Full Generalized Exponential Matrix Technique. Electronics (Switzerland), 2020, 9, 243.	3.1	9
56	HIDROID: Prototyping a Behavioral Host-Based Intrusion Detection and Prevention System for Android. IEEE Access, 2020, 8, 23154-23168.	4.2	35
57	IDLP: An Efficient Intrusion Detection and Location-Aware Prevention Mechanism for Network Coding-Enabled Mobile Small Cells. IEEE Access, 2020, 8, 43863-43875.	4.2	17
58	Recent Technical Developments in Energy-Efficient 5G Mobile Cells: Present and Future. Electronics (Switzerland), 2020, 9, 664.	3.1	4
59	Low-Profile and Closely Spaced Four-Element MIMO Antenna for Wireless Body Area Networks. Electronics (Switzerland), 2020, 9, 258.	3.1	38
60	Millimeter Wave Channel Measure. , 2020, , 819-823.		0
61	User Authentication and Authorization for Next Generation Mobile Passenger ID Devices for Land and Sea Border Control. , 2020, , .		9
62	Unleash Narrowband Technologies for Industrial Internet of Things Services. IEEE Network, 2019, 33, 16-22.	6.9	8
63	Cross-Layer Resource Allocation for Multihop V2X Communications. Wireless Communications and Mobile Computing, 2019, 2019, 1-16.	1.2	10
64	Terahertz-Enabled Wireless System for Beyond-5G Ultra-Fast Networks: A Brief Survey. IEEE Network, 2019, 33, 89-95.	6.9	133
65	Terahertz Massive MIMO for Beyond-5G Wireless Communication. , 2019, , .		29
66	Characterization of Different Sources of Human MSCs Expanded in Serum-Free Conditions with Quantification of Chondrogenic Induction in 3D. Stem Cells International, 2019, 2019, 1-19.	2.5	35
67	Energy-Efficient Resource Allocation for Energy Harvesting-Based Cognitive Machine-to-Machine Communications. IEEE Transactions on Cognitive Communications and Networking, 2019, 5, 595-607.	7.9	82
68	Robust Task Offloading for IoT Fog Computing Under Information Asymmetry and Information Uncertainty. , 2019, , .		10
69	A Survey on RF and Microwave Doherty Power Amplifier for Mobile Handset Applications. Electronics (Switzerland), 2019, 8, 717.	3.1	19
70	Joint rate control and power allocation for low-latency reliable D2D-based relay network. Eurasip Journal on Wireless Communications and Networking, 2019, 2019, .	2.4	6
71	A distance-sensitive distributed repulsive sleeping approach for dependable coverage in heterogeneous cellular networks. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3784.	3.9	6
72	A Compact Semi-Circular and Arc-Shaped Slot Antenna for Heterogeneous RF Front-Ends. Electronics (Switzerland), 2019, 8, 1123.	3.1	20

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73	Electromagnetic Bandgap Backed Millimeter-Wave MIMO Antenna for Wearable Applications. IEEE Access, 2019, 7, 111135-111144.	4.2	104
74	Intelligent Network Selection Mechanism in Macro-Femto HetNets Considering Network Connectivity and Users' Preference. , 2019, , .		1
75	Computation Resource Allocation and Task Assignment Optimization in Vehicular Fog Computing: A Contract-Matching Approach. IEEE Transactions on Vehicular Technology, 2019, 68, 3113-3125.	6.3	247
76	Mixedâ€coupling multiâ€function quintâ€wideband asymmetric stepped impedance resonator filter. Microwave and Optical Technology Letters, 2019, 61, 1181-1184.	1.4	11
77	Eight-Element Dual-Polarized MIMO Slot Antenna System for 5G Smartphone Applications. IEEE Access, 2019, 7, 15612-15622.	4.2	161
78	Generalized Hybrid Beamforming for Vehicular Connectivity Using THz Massive MIMO. IEEE Transactions on Vehicular Technology, 2019, 68, 8372-8383.	6.3	80
79	Millimetreâ€wave massive MIMO for cellular vehicleâ€toâ€infrastructure communication. IET Intelligent Transport Systems, 2019, 13, 983-990.	3.0	23
80	Dielectric resonator antenna with top loaded parasitic strip elements for dualâ€band operation. Microwave and Optical Technology Letters, 2019, 61, 2134-2140.	1.4	24
81	Key Management for Beyond 5G Mobile Small Cells: A Survey. IEEE Access, 2019, 7, 59200-59236.	4.2	69
82	Frequency and Pattern Reconfigurable Antenna for Emerging Wireless Communication Systems. Electronics (Switzerland), 2019, 8, 407.	3.1	52
83	MM-Wave Phased Array Quasi-Yagi Antenna for the Upcoming 5G Cellular Communications. Applied Sciences (Switzerland), 2019, 9, 978.	2.5	35
84	Two Time-Scale Resource Allocation in Hybrid Energy Powering 5G Wireless System. , 2019, , .		3
85	Antenna for Ultra-Wideband Applications With Non-Uniform Defected Ground Plane and Offset Aperture-Coupled Cylindrical Dielectric Resonators. IEEE Access, 2019, 7, 166776-166787.	4.2	8
86	A Novel Intrusion Detection and Prevention Scheme for Network Coding-Enabled Mobile Small Cells. IEEE Transactions on Computational Social Systems, 2019, 6, 1467-1477.	4.4	25
87	A Location-aware IDPS scheme for Network Coding-enabled Mobile Small Cells. , 2019, , .		7
88	Distributed Trusted Authority-based Key Management for Beyond 5G Network Coding-enabled Mobile Small Cells. , 2019, , .		4
89	Advancement of a Highly Efficient Class-F power Amplifier for 5G Doherty Architectures. , 2019, , .		2
90	A Lightweight Authentication Mechanism for M2M Communications in Industrial IoT Environment. IEEE Internet of Things Journal, 2019, 6, 288-296.	8.7	216

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91	Insole Optical Fiber Sensor Architecture for Remote Gait Analysis – An e-Health Solution. IEEE Internet of Things Journal, 2019, 6, 207-214.	8.7	76
92	Towards an Autonomous Host-Based Intrusion Detection System for Android Mobile Devices. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 139-148.	0.3	12
93	Security Threats in Network Coding-Enabled Mobile Small Cells. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 337-346.	0.3	4
94	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.	0.3	1
95	Key Management for Secure Network Coding-Enabled Mobile Small Cells. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 327-336.	0.3	1
96	Design of Asymmetrical Doherty GaN HEMT Power Amplifiers for 4G Applications. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 455-465.	0.3	0
97	Fast Statistical Modelling of Temperature Variation on 28Ånm FDSOI Technology. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 289-298.	0.3	0
98	Correction to: Joint rate control and power allocation for low-latency reliable D2D-based relay network. Eurasip Journal on Wireless Communications and Networking, 2019, 2019, .	2.4	1
99	A privacy-enhanced OAuth 2.0 based protocol for Smart City mobile applications. Computers and Security, 2018, 74, 258-274.	6.0	19
100	Millimeter-Wave Massive MIMO Communication for Future Wireless Systems: A Survey. IEEE Communications Surveys and Tutorials, 2018, 20, 836-869.	39.4	457
101	Dependable Content Distribution in D2D-Based Cooperative Vehicular Networks: A Big Data-Integrated Coalition Game Approach. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 953-964.	8.0	134
102	Social Big-Data-Based Content Dissemination in Internet of Vehicles. IEEE Transactions on Industrial Informatics, 2018, 14, 768-777.	11.3	174
103	A survey of 5G technologies: regulatory, standardization and industrial perspectives. Digital Communications and Networks, 2018, 4, 87-97.	5.0	196
104	5G D2D Networks: Techniques, Challenges, and Future Prospects. IEEE Systems Journal, 2018, 12, 3970-3984.	4.6	262
105	Energy-Aware Wearable E-Health Architecture Using Optical FBG Sensors for Knee Kinematic Monitoring. , 2018, , .		19
106	Vehicular Communications: Standardization and Open Issues. IEEE Communications Standards Magazine, 2018, 2, 74-80.	4.9	90
107	Adaptive Resource Allocation for Energy-Efficient Millimeter-Wave Massive MIMO Networks. , 2018, , .		5
108	Internet of Things Task Scheduling in Cloud Environment Using Particle Swarm Optimization. , 2018, , .		4

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109	Optimal Array size for Multiuser MIMO. , 2018, , .		2
110	Analysis and Enhancement of Platoon Management in Smart City. , 2018, , .		4
111	Physical-layer entity authentication scheme for mobile MIMO systems. IET Communications, 2018, 12, 712-718.	2.2	11
112	When Mobile Crowd Sensing Meets UAV: Energy-Efficient Task Assignment and Route Planning. IEEE Transactions on Communications, 2018, 66, 5526-5538.	7.8	221
113	Robust Mobile Crowd Sensing: When Deep Learning Meets Edge Computing. IEEE Network, 2018, 32, 54-60.	6.9	336
114	5G Millimeter-Wave Mobile Broadband: Performance and Challenges. , 2018, 56, 137-143.		114
115	Performance of Dual-Band Balanced Antenna Structure for LTE Applications. , 2018, , 245-262.		0
116	Implementation of a Pseudonym-Based Signature Scheme with Bilinear Pairings on Android. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 75-87.	0.3	0
117	Energy efficiency optimization for downlink OFDMA system in heterogeneous network with QoS constraints. International Journal of Communication Systems, 2017, 30, e2969.	2.5	3
118	Context-aware cooperative testbed for energy analysis in beyond 4G networks. Telecommunication Systems, 2017, 64, 225-244.	2.5	7
119	Insole optical fiber Bragg grating sensors network for dynamic vertical force monitoring. Journal of Biomedical Optics, 2017, 22, 091507.	2.6	55
120	Massive Internet of Things for Industrial Applications: Addressing Wireless IIoT Connectivity Challenges and Ecosystem Fragmentation. IEEE Industrial Electronics Magazine, 2017, 11, 28-33.	2.6	256
121	Enhanced C-RAN Using D2D Network. , 2017, 55, 100-107.		60
122	Spatial Interpolated Lookup Tables (LUTs) Models for Ergodic Capacity of MIMO FSO Systems. IEEE Photonics Technology Letters, 2017, 29, 583-586.	2.5	18
123	Energy-aware relay selection in cooperative wireless networks: An assignment game approach. Ad Hoc Networks, 2017, 56, 96-108.	5.5	22
124	Energy-efficient game-theoretical random access for M2M communications in overlapped cellular networks. Computer Networks, 2017, 129, 493-501.	5.1	13
125	Towards a secure network architecture for smart grids in 5G era. , 2017, , .		21
126	A Physical-Layer Security Scheme by Phase-Based Adaptive Modulation. IEEE Transactions on Vehicular Technology, 2017, 66, 9931-9942.	6.3	48

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127	Mobile caching-enabled small-cells for delay-tolerant e-Health apps. , 2017, , .		22
128	An efficient homomorphic MAC-based scheme against data and tag pollution attacks in network coding-enabled wireless networks. International Journal of Information Security, 2017, 16, 627-639.	3.4	34
129	Transmission Capacity Analysis of Relay-Assisted Device-to-Device Overlay/Underlay Communication. IEEE Transactions on Industrial Informatics, 2017, 13, 380-389.	11.3	74
130	System-Level Performance Evaluation for 5G mmWave Cellular Network. , 2017, , .		12
131	An IoT-Based E-Health Monitoring System Using ECG Signal. , 2017, , .		67
132	SECRET â€” Secure network coding for reduced energy next generation mobile small cells: A European Training Network in wireless communications and networking for 5G. , 2017, , .		57
133	Non-Invasive Insole Optical Fiber Sensor Architecture for Monitoring Foot Anomalies. , 2017, , .		3
134	Evaluation of Three Devices for the Isolation of the Stromal Vascular Fraction from Adipose Tissue and for ASC Culture: A Comparative Study. Stem Cells International, 2017, 2017, 1-14.	2.5	31
135	Joint Relay Selection and Resource Allocation for Energy-Efficient D2D Cooperative Communications Using Matching Theory. Applied Sciences (Switzerland), 2017, 7, 491.	2.5	27
136	Mobile traffic modelling for wireless multimedia sensor networks in IoT. Computer Communications, 2017, 112, 109-115.	5.1	15
137	WiFi in Licensed Band. IEEE Communications Letters, 2016, 20, 1655-1658.	4.1	7
138	A Lightweight Privacy-Preserving OAuth2-Based Protocol for Smart City Mobile Apps. , 2016, , .		5
139	Integrating energy efficiency analysis of massive MIMO-based C-RAN. Eurasip Journal on Wireless Communications and Networking, 2016, 2016, .	2.4	5
140	Modelling the temperature dependence of 28nm fully depleted silicon-on insulator (FDSOI) static characteristics based on parallel computing approach. , 2016, , .		1
141	Low-Cost On-Demand C-RAN Based Mobile Small-Cells. IEEE Access, 2016, 4, 2331-2339.	4.2	42
142	An autonomous privacy-preserving authentication scheme for intelligent transportation systems. Computers and Security, 2016, 60, 193-205.	6.0	57
143	Energy-efficient interference management in LTEâ€”D2D communication. IET Signal Processing, 2016, 10, 197-202.	1.5	30
144	An Efficient Null Space-Based Homomorphic MAC Scheme Against Tag Pollution Attacks in RLNC. IEEE Communications Letters, 2016, 20, 918-921.	4.1	24

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145	An OAuth2-based protocol with strong user privacy preservation for smart city mobile e-Health apps. , 2016, , .		23
146	One Integrated Energy Efficiency Proposal for 5G IoT Communications. IEEE Internet of Things Journal, 2016, 3, 1346-1354.	8.7	91
147	Miniaturized dual-band balanced antenna for LTE using meander lines. , 2016, , .		2
148	A Cognitive Self-Organising Clustering Algorithm for Urban Scenarios. Wireless Personal Communications, 2016, 90, 1763-1798.	2.7	1
149	An efficient MAC-based scheme against pollution attacks in XOR network coding-enabled WBANs for remote patient monitoring systems. Eurasip Journal on Wireless Communications and Networking, 2016, 2016, .	2.4	7
150	Dual-band printed folded dipole balanced antenna for 700/2600MHz LTE bands. , 2016, , .		5
151	An Overview of 4G System-Level Energy-Efficiency Performance. Studies in Systems, Decision and Control, 2016, , 45-64.	1.0	0
152	Towards 5G: Context Aware Resource Allocation for Energy Saving. Journal of Signal Processing Systems, 2016, 83, 279-291.	2.1	16
153	Communication Haul Design for 5G Radio: Challenges and Open Issues. , 2016, , 57-67.		1
154	Effect of Tithonia diversifolia Mulch on Atta cephalotes (Hymenoptera: Formicidae) Nests. Journal of Insect Science, 2015, 15, 32-32.	1.5	8
155	Empirical Modelling of FDSOI CMOS Inverter for Signal/Power Integrity Simulation. , 2015, , .		8
156	Energy efficiency of downlink packet scheduling in CoMP. Transactions on Emerging Telecommunications Technologies, 2015, 26, 131-146.	3.9	13
157	CANDi: context-aware node discovery for short-range cooperation. Transactions on Emerging Telecommunications Technologies, 2015, 26, 861-875.	3.9	10
158	Lightweight security against combined IE and SSDF attacks in cooperative spectrum sensing for cognitive radio networks. Security and Communication Networks, 2015, 8, 3978-3994.	1.5	10
159	A null space-based MAC scheme against pollution attacks to Random linear Network Coding. , 2015, , .		6
160	Analysis of a Homomorphic MAC-based scheme against tag pollution in RLNC-enabled wireless networks. , 2015, , .		4
161	Game-theoretic based scheduling for demand-side management in 5G smart grids. , 2015, , .		11
162	Security concerns and countermeasures in network coding based communication systems: A survey. Computer Networks, 2015, 83, 422-445.	5.1	24

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163	Efficient privacy preserving security protocol for VANETs with sparse infrastructure deployment. , 2015, , .		4
164	Green HetNet CoMP: Energy Efficiency Analysis and Optimization. IEEE Transactions on Vehicular Technology, 2015, 64, 4670-4683.	6.3	89
165	Energy efficient load balancing for future self-organized shared networks. Telecommunication Systems, 2015, 59, 123-135.	2.5	0
166	Cooperative Strategies for End-to-End Energy Saving and QoS Control. , 2015, , 135-161.		1
167	Analysis of the Impact of Denial of Service Attacks on Centralized Control in Smart Cities. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2015, , 91-96.	0.3	5
168	Dual-Homomorphic Message Authentication Code Scheme for Network Coding-Enabled Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2015, 11, 510251.	2.2	25
169	Cooperative Paradigm for Energy Saving. Signals and Communication Technology, 2015, , 115-140.	0.5	0
170	Formal Specification of the Assurance Point Web Service Composition Model. International Journal of Cooperative Information Systems, 2014, 23, 1450007.	0.8	0
171	A coalitional game-theoretic approach to isolate selfish nodes in multihop cellular networks. , 2014, , .		1
172	An improved homomorphic message authentication code scheme for RLNC-enabled wireless networks. , 2014, , .		5
173	Jointly padding for subspace orthogonality against tag pollution. , 2014, , .		3
174	Energy Efficient and Load Balanced Routing for Wireless Multihop Network Applications. International Journal of Distributed Sensor Networks, 2014, 10, 927659.	2.2	10
175	How much overhead is required for stable group formation in VANETs?. , 2014, , .		1
176	A cognitive approach for stable cooperative group formation in mobile environments. , 2014, , .		3
177	Compact and closely spaced tunable printed Fâ€slot multipleâ€inputâ€multipleâ€output antenna system for portable wireless applications with efficient diversity. IET Science, Measurement and Technology, 2014, 8, 359-369.	1.6	2
178	Combination of a geolocation database access with infrastructure sensing in TV bands. Eurasip Journal on Wireless Communications and Networking, 2014, 2014, .	2.4	11
179	Green Wireless Internet Technology. IET Science, Measurement and Technology, 2014, 8, 337-341.	1.6	0
180	A novel energy efficient packet-scheduling algorithm for CoMP. Computer Communications, 2014, 50, 53-63.	5.1	9

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181	Smart Direct-LTE communication: An energy saving perspective. Ad Hoc Networks, 2014, 13, 296-311.	5.5	91
182	Game theory and pricing strategies for demand-side management in the smart grid. , 2014, , .		25
183	Direct mobile-to-mobile communication: Paradigm for 5G. IEEE Wireless Communications, 2014, 21, 14-23.	9.0	162
184	Energy efficient interference-aware resource allocation in LTE-D2D communication. , 2014, , .		54
185	Coordinated paradigm for D2D communications. , 2014, , .		7
186	On the efficiency of merging procedures in hierarchical mobile cooperative networks. , 2014, , .		2
187	An efficient MAC-signature scheme for authentication in XOR network coding. , 2014, , .		2
188	Investigation on energy efficiency in HetNet CoMP architecture. , 2014, , .		7
189	Secure device-to-device communication in LTE-A. , 2014, 52, 66-73.		79
190	Coalitional relay selection game to extend battery lifetime of multi-standard mobile terminals. , 2014, , .		7
191	Use of negative information in positioning and tracking algorithms. Telecommunication Systems, 2013, 53, 285-298.	2.5	2
192	Coalition formation game toward green mobile terminals in heterogeneous wireless networks. IEEE Wireless Communications, 2013, 20, 85-91.	9.0	83
193	Energy efficient dynamic MANET on-demand (E2DYMO) routing protocol. , 2013, , .		2
194	Energy efficiency performance of WiFi/WiMedia relaying in hybrid ad-hoc networks. , 2013, , .		8
195	TV white spaces exploitation through a bicameral geo-location database. Telecommunications Policy, 2013, 37, 116-129.	5.3	11
196	Self organized energy efficient position aided relays in LTEA. Physical Communication, 2013, 7, 30-43.	2.1	7
197	Network Coding Theory: A Survey. IEEE Communications Surveys and Tutorials, 2013, 15, 1950-1978.	39.4	106
198	On the Trade-Off Between Security and Energy Efficiency in Cooperative Spectrum Sensing for Cognitive Radio. IEEE Communications Letters, 2013, 17, 1564-1567.	4.1	38

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199	On the energy efficiency of low-mobility subsystems in hierarchical ad hoc networks. , 2013, , .		1
200	A cross-layer resource over-provisioning architecture for P2P networks. , 2013, , .		2
201	Cooperative Strategies for Power Saving in Multi-standard Wireless Devices. Lecture Notes in Computer Science, 2013, , 284-296.	1.3	2
202	Energy and Throughput Analysis of Reservation Protocols of Wi Media MAC. Journal of Green Engineering (discontinued), 2013, 3, 363-382.	0.7	6
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