

Eryk Dutkiewicz

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

269
papers

3,458
citations

29
h-index

49
g-index

396
ext. papers

4,762
ext. citations

5.3
avg, IF

5.76
L-index

#	Paper	IF	Citations
269	A review of routing protocols for mobile ad hoc networks. <i>Ad Hoc Networks</i> , 2004 , 2, 1-22	4.8	622
268	Superior Path Planning Mechanism for Mobile Beacon-Assisted Localization in Wireless Sensor Networks. <i>IEEE Sensors Journal</i> , 2014 , 14, 3052-3064	4	102
267	Proof-of-Stake Consensus Mechanisms for Future Blockchain Networks: Fundamentals, Applications and Opportunities. <i>IEEE Access</i> , 2019 , 7, 85727-85745	3.5	100
266	. <i>IEEE Communications Surveys and Tutorials</i> , 2019 , 21, 2488-2524	37.1	94
265	. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2011 , 10, 1373-1376	3.8	81
264	BodyMAC: Energy efficient TDMA-based MAC protocol for Wireless Body Area Networks 2009 ,		73
263	Sustainable Service Allocation Using a Metaheuristic Technique in a Fog Server for Industrial Applications. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 4497-4506	11.9	71
262	Performance Analysis and Optimization of Handoff Algorithms in Heterogeneous Wireless Networks. <i>IEEE Transactions on Mobile Computing</i> , 2008 , 7, 846-857	4.6	58
261	A Comprehensive Survey of Enabling and Emerging Technologies for Social Distancing-Part I: Fundamentals and Enabling Technologies. <i>IEEE Access</i> , 2020 , 8, 153479-153507	3.5	50
260	Energy-Efficient Distributed Data Storage for Wireless Sensor Networks Based on Compressed Sensing and Network Coding. <i>IEEE Transactions on Wireless Communications</i> , 2013 , 12, 5087-5099	9.6	49
259	An On-Chip Bandpass Filter Using a Broadside-Coupled Meander Line Resonator With a Defected-Ground Structure. <i>IEEE Electron Device Letters</i> , 2017 , 38, 626-629	4.4	47
258	Energy Demand Prediction with Federated Learning for Electric Vehicle Networks 2019 ,		47
257	Comprehensive Energy Consumption Model for Unmanned Aerial Vehicles, Based on Empirical Studies of Battery Performance. <i>IEEE Access</i> , 2018 , 6, 58383-58394	3.5	46
256	Optimal and Fast Real-Time Resource Slicing With Deep Dueling Neural Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2019 , 37, 1455-1470	14.2	40
255	¶am Me If You Can:¶Defeating Jammer With Deep Dueling Neural Network Architecture and Ambient Backscattering Augmented Communications. <i>IEEE Journal on Selected Areas in Communications</i> , 2019 , 37, 2603-2620	14.2	37
254	Impact of static trajectories on localization in wireless sensor networks. <i>Wireless Networks</i> , 2015 , 21, 809-827	2.5	37
253	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2013 , 49, 1438-1452	3.7	36

252	An SIW-Based Large-Scale Corporate-Feed Array Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 2969-2976	4.9	36
251	Joint Power Control and User Association for NOMA-Based Full-Duplex Systems. <i>IEEE Transactions on Communications</i> , 2019 , 67, 8037-8055	6.9	35
250	Cyberattack detection in mobile cloud computing: A deep learning approach 2018 ,		34
249	Inter-network interference mitigation in Wireless Body Area Networks using power control games 2010 ,		33
248	Distributed Deep Learning at the Edge: A Novel Proactive and Cooperative Caching Framework for Mobile Edge Networks. <i>IEEE Wireless Communications Letters</i> , 2019 , 8, 1220-1223	5.9	32
247	A Comprehensive Survey of Enabling and Emerging Technologies for Social Distancing-Part II: Emerging Technologies and Open Issues. <i>IEEE Access</i> , 2020 , 8, 154209-154236	3.5	32
246	A Dynamic Edge Caching Framework for Mobile 5G Networks. <i>IEEE Wireless Communications</i> , 2018 , 25, 95-103	13.4	31
245	Compact On-Chip Bandpass Filter With Improved In-Band Flatness and Stopband Attenuation in 0.13- μm (Bi)-CMOS Technology. <i>IEEE Electron Device Letters</i> , 2017 , 38, 1359-1362	4.4	31
244	Distributed Inter-Network Interference Coordination for Wireless Body Area Networks 2010 ,		31
243	Freezing of Gait Detection in Parkinson's Disease: A Subject-Independent Detector Using Anomaly Scores. <i>IEEE Transactions on Biomedical Engineering</i> , 2017 , 64, 2719-2728	5	30
242	Cross-Layer Design for Proportional Delay Differentiation and Network Utility Maximization in Multi-Hop Wireless Networks. <i>IEEE Transactions on Wireless Communications</i> , 2012 , 11, 1446-1455	9.6	29
241	An Improved Markov Model for IEEE 802.15.4 Slotted CSMA/CA Mechanism. <i>Journal of Computer Science and Technology</i> , 2009 , 24, 495-504	1.7	29
240	A Modified Shuffled Frog Leaping Algorithm for PAPR Reduction in OFDM Systems. <i>IEEE Transactions on Broadcasting</i> , 2015 , 61, 698-709	4.7	28
239	Improved performance of spectrum cartography based on compressive sensing in cognitive radio networks 2013 ,		28
238	Unfairness and capture behaviour in 802.11 adhoc networks		28
237	Design of a Miniaturized On-Chip Bandpass Filter Using Edge-Coupled Resonators for Millimeter-Wave Applications. <i>IEEE Transactions on Electron Devices</i> , 2017 , 64, 3822-3828	2.9	26
236	Opportunistic Spectrum Access with Two Channel Sensing in Cognitive Radio Networks. <i>IEEE Transactions on Mobile Computing</i> , 2015 , 14, 126-138	4.6	25
235	Downlink Resource Allocation for Next Generation Wireless Networks with Inter-Cell Interference. <i>IEEE Transactions on Wireless Communications</i> , 2013 , 12, 1783-1793	9.6	24

234	Device-Free Sensing for Personnel Detection in a Foliage Environment. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2017 , 14, 921-925	4.1	24
233	Dynamic power control in Wireless Body Area Networks using reinforcement learning with approximation 2011 ,		23
232	Deep Transfer Learning for IoT Attack Detection. <i>IEEE Access</i> , 2020 , 8, 107335-107344	3.5	22
231	Performance analysis of soft frequency reuse for inter-cell interference coordination in LTE networks 2010 ,		22
230	Sensing OFDM Signal: A Deep Learning Approach. <i>IEEE Transactions on Communications</i> , 2019 , 67, 7785-7798		21
229	A W-Band Balanced Power Amplifier Using Broadside Coupled Strip-Line Coupler in SiGe BiCMOS 0.13- μm Technology. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2018 , 65, 2139-2150 ²¹	3.9	21
228	A Novel Radio Admission Control Scheme for Multiclass Services in LTE Systems 2009 ,		21
227	Optimal Online Data Partitioning for Geo-Distributed Machine Learning in Edge of Wireless Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2019 , 37, 2393-2406	14.2	20
226	Geometry and Motion-Based Positioning Algorithms for Mobile Tracking in NLOS Environments. <i>IEEE Transactions on Mobile Computing</i> , 2012 , 11, 254-263	4.6	20
225	Massive Machine-Type Communications. <i>IEEE Network</i> , 2017 , 31, 6-7	11.4	19
224	MEB MAC: Improved channel access scheme for medical emergency traffic in WBAN 2012 ,		19
223	Load Distribution Aware Soft Frequency Reuse for Inter-Cell Interference Mitigation and Throughput Maximization in LTE Networks 2011 ,		19
222	Empirical Power Consumption Model for UAVs 2018 ,		19
221	Optimal Frame Length to Maximize Energy Efficiency in IEEE 802.15.6 UWB Body Area Networks. <i>IEEE Wireless Communications Letters</i> , 2014 , 3, 397-400	5.9	18
220	Internet of Mission-Critical Things: Human and Animal Classification via Device-Free Sensing Approach. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 3369-3377	10.7	17
219	Narrowband IoT Service Provision to 5G User Equipment via a Satellite Component 2017 ,		17
218	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018 , 56, 5035-5045	8.1	16
217	2014 ,		16

216	Handover re-routing schemes for connection oriented services in mobile ATM networks		16
215	Optimal and Low-Complexity Dynamic Spectrum Access for RF-Powered Ambient Backscatter System With Online Reinforcement Learning. <i>IEEE Transactions on Communications</i> , 2019 , 67, 5736-5752 ^{6.9}		15
214	Optimal Energy Efficiency Link Adaptation in IEEE 802.15.6 IR-UWB Body Area Networks. <i>IEEE Communications Letters</i> , 2014 , 18, 2193-2196	3.8	15
213	Medical Body Area Networks: Opportunities, challenges and practices 2011 ,		15
212	An analysis of multi-player network games traffic 1999 ,		15
211	A Novel Mobile Edge Network Architecture with Joint Caching-Delivering and Horizontal Cooperation. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 20, 19-31	4.6	15
210	Offloading Energy Efficiency with Delay Constraint for Cooperative Mobile Edge Computing Networks 2018 ,		15
209	A Compact and Low-Loss Bandpass Filter Using Self-Coupled Folded-Line Resonator With Capacitive Feeding Technique. <i>IEEE Electron Device Letters</i> , 2018 , 1-1	4.4	15
208	Compact Millimeter-Wave Bandpass Filters Using Quasi-Lumped Elements in 0.13- μm (Bi)-CMOS Technology for 5G Wireless Systems. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2019 , 67, 3064-3073	4.1	14
207	Joint Traffic Splitting, Rate Control, Routing, and Scheduling Algorithm for Maximizing Network Utility in Wireless Mesh Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 2688-2702	6.8	13
206	"Borrowing Arrows with Thatched Boats": The Art of Defeating Reactive Jammers in IoT Networks. <i>IEEE Wireless Communications</i> , 2020 , 27, 79-87	13.4	13
205	Collaborative Learning Model for Cyberattack Detection Systems in IoT Industry 4.0 2020 ,		13
204	Subject-Independent ERP-Based Brain-Computer Interfaces. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2018 , 26, 719-728	4.8	12
203	Algorithm for energy efficient inter-UAV collision avoidance 2017 ,		12
202	Spectrum Sharing Based on Truthful Auction in Licensed Shared Access Systems 2015 ,		12
201	Reinforcement learning in power control games for internetwork interference mitigation in Wireless Body Area Networks 2012 ,		12
200	2011 ,		12
199	Dynamic handoff scheme in differentiated QoS wireless multimedia networks. <i>Computer Communications</i> , 2004 , 27, 1001-1011	5.1	12

198	A Reinforcement Learning Approach for Fair User Coverage Using UAV Mounted Base Stations Under Energy Constraints. <i>IEEE Open Journal of Vehicular Technology</i> , 2020 , 1, 67-81	5.3	11
197	Learning Latent Distribution for Distinguishing Network Traffic in Intrusion Detection System 2019 ,		11
196	Position and Orientation Accuracy Analysis for Wireless Endoscope Magnetic Field Based Localization System Design 2010 ,		11
195	Ambient Backscatter: A Novel Method to Defend Jamming Attacks for Wireless Networks. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 175-178	5.9	11
194	Compact Dual-Channel Balanced Filter and Balun Filter Based on Quad-Mode Dielectric Resonator. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2019 , 67, 494-504	4.1	11
193	Maximizing the Geometric Mean of User-Rates to Improve Rate-Fairness: Proper vs. Improper Gaussian Signaling. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	11
192	Efficient Zero-Forcing Precoder Design for Weighted Sum-Rate Maximization With Per-Antenna Power Constraint. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 3640-3645	6.8	10
191	Truthful Channel Sharing for Self Coexistence of Overlapping Medical Body Area Networks. <i>PLoS ONE</i> , 2016 , 11, e0148376	3.7	10
190	Cost-Effective Foliage Penetration Human Detection Under Severe Weather Conditions Based on Auto-Encoder/Decoder Neural Network. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 6190-6200	10.7	10
189	Scalable Spectrum Access System for Massive Machine Type Communication. <i>IEEE Network</i> , 2018 , 32, 154-160	11.4	9
188	Optimal Mode Selection for Full-Duplex Enabled D2D Cognitive Networks. <i>IEEE Access</i> , 2019 , 7, 57298-57311	3.1	9
187	QoS provisioning wireless multimedia transmission over cognitive radio networks. <i>Multimedia Tools and Applications</i> , 2013 , 67, 213-229	2.5	9
186	2014 ,		9
185	Energy-efficient cooperative relay selection for UWB based body area networks 2013 ,		9
184	Opportunistic routing in multi-channel cognitive radio networks 2011 ,		9
183	A Novel Genetic-Fuzzy Power Controller with Feedback for Interference Mitigation in Wireless Body Area Networks 2011 ,		9
182	Space-Time-Frequency Codes in MB-OFDM UWB communications: advanced order-8 STFC and its performance 2007 ,		9
181	Interference from cloud-to-ground and cloud flashes in wireless communication system. <i>Electric Power Systems Research</i> , 2014 , 113, 237-246	3.5	8

180	Improved Kalman filtering algorithms for mobile tracking in NLOS scenarios 2012 ,		8
179	WLC17-5: Improving Mobile Station Energy Efficiency in IEEE 802.16e WMAN by Burst Scheduling. <i>IEEE Global Telecommunications Conference (GLOBECOM), 2006</i> ,		8
178	Federated Learning Meets Contract Theory: Economic-Efficiency Framework for Electric Vehicle Networks. <i>IEEE Transactions on Mobile Computing, 2020</i> , 1-1	4.6	8
177	Reinforcement Learning Approach for RF-Powered Cognitive Radio Network with Ambient Backscatter 2018 ,		8
176	Design of an On-Chip Highly Sensitive Misalignment Sensor in Silicon Technology. <i>IEEE Sensors Journal, 2017</i> , 17, 1211-1212	4	7
175	Cross-layer design with optimal dynamic gateway selection for wireless mesh networks. <i>Computer Communications, 2015</i> , 55, 69-79	5.1	7
174	. <i>IEEE Transactions on Vehicular Technology, 2016</i> , 65, 8177-8189	6.8	7
173	WLC14-4: SAVA: A Novel Self-Adaptive Vertical Handoff Algorithm for Heterogeneous Wireless Networks. <i>IEEE Global Telecommunications Conference (GLOBECOM), 2006</i> ,		7
172	. <i>IEEE Transactions on Microwave Theory and Techniques, 2020</i> , 68, 1668-1677	4.1	6
171	A profiling analysis of contributions of cigarette smoking, dietary calcium intakes, and physical activity to fragility fracture in the elderly. <i>Scientific Reports, 2018</i> , 8, 10374	4.9	6
170	A SCS-Band Compact Wideband Bandpass Filter With High Selectivity and Improved Return Loss. <i>IEEE Microwave and Wireless Components Letters, 2018</i> , 28, 777-779	2.6	6
169	Antenna performance for localization of capsule endoscope 2014 ,		6
168	Vertical handoff with predictive RSS and dwell time 2013 ,		6
167	Radio environment maps generation and spectrum sensing testbed for spectrum sharing in 5G networks 2017 ,		6
166	Subject-Independent P300 BCI Using Ensemble Classifier, Dynamic Stopping and Adaptive Learning 2017 ,		6
165	Modeling and Optimization of Medium Access in CSMA Wireless Networks with Topology Asymmetry. <i>IEEE Transactions on Mobile Computing, 2012</i> , 11, 1559-1571	4.6	6
164	Extension of SCTP for Concurrent Multi-Path Transfer with Parallel Subflows 2010 ,		6
163	A k-coordinated decentralized replica placement algorithm for the ring-based CDN-P2P architecture 2010 ,		6

162	MAC design and analysis for wireless sensor networks with co-operative localisation 2007 ,		6
161	Learning Latent Representation for IoT Anomaly Detection. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	6
160	Reading Damaged Scripts: Partial Packet Recovery Based on Compressive Sensing for Efficient Random Linear Coded Transmission. <i>IEEE Transactions on Communications</i> , 2016 , 64, 3296-3310	6.9	6
159	Time Series Analysis for Encrypted Traffic Classification: A Deep Learning Approach 2018 ,		6
158	Energy-Efficient Distributed Beamforming in UWB Based Implant Body Area Networks 2015 ,		5
157	Non-cooperative OFDM Spectrum Sensing Using Deep Learning 2020 ,		5
156	. <i>IEEE Sensors Journal</i> , 2018 , 18, 3266-3277	4	5
155	Full-Duplex MIMO Radios: A Greener Networking Solution. <i>IEEE Transactions on Green Communications and Networking</i> , 2018 , 2, 652-665	4	5
154	2018 ,		5
153	Theoretical Analysis of REM-Based Handover Algorithm for Heterogeneous Networks. <i>IEEE Access</i> , 2019 , 7, 96719-96731	3.5	5
152	Framework of joint auction and mixed graph for Licensed Shared Access systems 2015 ,		5
151	Iteratively reweighted compressive sensing based algorithm for spectrum cartography in cognitive radio networks 2014 ,		5
150	Investigation of radar approach for localization of gastro intestinal endoscopic capsule 2014 ,		5
149	Efficient network coding transmission in 2-hop multi-channel cognitive radio networks 2012 ,		5
148	Downlink power allocation algorithm for licence-exempt LTE systems using Kriging and Compressive Sensing based spectrum cartography 2013 ,		5
147	Improving the Transmission Efficiency by Considering Non-Cooperation in Ad Hoc Networks. <i>Computer Journal</i> , 2013 , 56, 1034-1042	1.3	5
146	Network selection in cooperative cognitive radio networks 2011 ,		5
145	Joint Power and Rate Control in Ad Hoc Networks Using a Supermodular Game Approach 2010 ,		5

144	An efficient implementation of PRACH generator in LTE UE transmitters 2011 ,		5
143	Maximum Flow-Segment Based Channel Assignment and Routing in Cognitive Radio Networks 2011 ,		5
142	Energy Efficient Integrated Scheduling of Unicast and Multicast Traffic in 802.16e WMANs 2007 ,		5
141	Impact of transmit range on throughput performance in mobile ad hoc networks		5
140	Joint Admission Control for Cooperative Cognitive Radio Networks 2011 ,		5
139	Performance evaluation of MAC protocols for cooperative MIMO transmissions in sensor networks 2008 ,		5
138	Defeating Smart and Reactive Jammers with Unlimited Power 2020 ,		5
137	DeepFake: Deep Dueling-Based Deception Strategy to Defeat Reactive Jammers. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	5
136	Real-Time Network Slicing with Uncertain Demand: A Deep Learning Approach 2019 ,		4
135	Unbalanced Hybrid AOA/RSSI Localization for Simplified Wireless Sensor Networks. <i>Sensors</i> , 2020 , 20,	3.8	4
134	Potential Field Based Inter-UAV Collision Avoidance Using Virtual Target Relocation 2018 ,		4
133	Energy Management and Time Scheduling for Heterogeneous IoT Wireless-Powered Backscatter Networks 2019 ,		4
132	Indoor navigation and tracking. <i>Physical Communication</i> , 2014 , 13, 1-3	2.2	4
131	Wearable healthcare systems: A single channel accelerometer based anomaly detector for studies of gait freezing in Parkinson's disease 2017 ,		4
130	Exploiting partial packets in random linear codes using sparse error recovery 2015 ,		4
129	Differential capacity bounds for distributed antenna systems under low SNR conditions 2014 ,		4
128	Interference coordination and performance enhancement for shared relay networks in LTE-Advanced systems 2011 ,		4
127	Adaptive power allocation for soft frequency reuse in multi-cell LTE networks 2012 ,		4

126	ADSD: An Automatic Distributed Spectrum Decision method in Cognitive Radio networks 2009 ,		4
125	Performance analysis of MAC protocol for cooperative MIMO transmissions in WSN 2008 ,		4
124	Ultra-Wideband Technology for Video Surveillance Sensor Networks 2006 ,		4
123	Energy Efficient Cooperative Communication for UWB Based In-Body Area Networks 2013 ,		4
122	Network Optimisation in 5G Networks: A Radio Environment Map Approach. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 12043-12057	6.8	4
121	Energy-Harvesting Aided Unmanned Aerial Vehicles for Reliable Ground User Localization and Communications Under Lognormal-Nakagami- m Fading Channels. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 1632-1647	6.8	4
120	Real-Time Crowdsourcing Incentive for Radio Environment Maps: A Dynamic Pricing Approach 2018 ,		4
119	PCF-Based LTE Wi-Fi Aggregation for Coordinating and Offloading the Cellular Traffic to D2D Network. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 12193-12203	6.8	4
118	An anomaly detection technique in wearable wireless monitoring systems for studies of gait freezing in Parkinson's disease 2017 ,		3
117	Resource Allocation in Moving and Fixed General Authorized Access Users in Spectrum Access System. <i>IEEE Access</i> , 2019 , 7, 107863-107873	3.5	3
116	Energy efficient cooperative transmission in single-relay UWB based body area networks 2015 ,		3
115	Negotiable Auction Based on Mixed Graph: A Novel Spectrum Sharing Framework. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2017 , 3, 390-403	6.6	3
114	Real-time analysis on ensemble SVM scores to reduce P300-Speller intensification time. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2017 , 2017, 4383-4386	0.9	3
113	A Novel Full-Duplex Spectrum Sensing Algorithm for OFDM Signals in Cognitive Radio Networks 2017 ,		3
112	The Impact on Full Duplex D2D Communication of Different LTE Transmission Techniques 2017 ,		3
111	Investigation of in-body path loss in different human subjects for localization of capsule endoscope. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2015 , 2015, 5461-4	0.9	3
110	Incumbent User Active Area Detection for Licensed Shared Access 2015 ,		3
109	QoS routing based on parallel elite clonal quantum evolution for multimedia wireless sensor networks 2014 ,		3

108	Licensed Shared Access in Distributed Antenna Systems Enabling Network Virtualization 2014,		3
107	A resource allocation scheme for balanced performance improvement in LTE networks with inter-cell interference 2012,		3
106	A Survey of Low Duty Cycle MAC Protocols in Wireless Sensor Networks 2011,		3
105	MAC Protocol for Cooperative MIMO Transmissions in Asynchronous Wireless Sensor Networks 2008,		3
104	An Impulse Ultra-wideband System Capable of Concurrent Transmission and Reception, Part I: Requirements and Innovations 2006,		3
103	WLC14-1: Performance Evaluation of Vertical Handoff Decision Algorithms in Heterogeneous Wireless Networks. <i>IEEE Global Telecommunications Conference (GLOBECOM), 2006,</i>		3
102	Scalable routing strategy for dynamic zones-based MANETs		3
101	Modelling multi-player games traffic		3
100	Preserving Honest/Dishonest Users' Operational Privacy with Blind Interference Calculation in Spectrum Sharing System. <i>IEEE Transactions on Mobile Computing, 2020, 19, 2874-2890</i>	4.6	3
99	Optimal Energy Efficiency With Delay Constraints for Multi-Layer Cooperative Fog Computing Networks. <i>IEEE Transactions on Communications, 2021, 69, 3911-3929</i>	6.9	3
98	. <i>IEEE Transactions on Vehicular Technology, 2020, 69, 349-360</i>	6.8	3
97	Performance Analysis of Uplink NOMA Systems With Hardware Impairments and Delay Constraints Over Composite Fading Channels. <i>IEEE Transactions on Vehicular Technology, 2021, 70, 6881-6897</i>	6.8	3
96	Derivation of CRLB for Wireless Capsule Endoscope Localization Using Received Signal Strength. <i>IEEE Sensors Journal, 2016, 16, 9064-9074</i>	4	2
95	A phased array antenna employing reconfigurable defected microstrip structure (RDMS) 2015,		2
94	Design of low power, high PSRR low drop-out voltage regulator 2015,		2
93	An LQI based dual-channel routing protocol for Wireless Body Area networks 2015,		2
92	Adaptive spectrum sensing for cognitive radio systems in a fading environment 2014,		2
91	Downlink capacity in Cloud Radio Access Networks with Fractional Frequency Reuse 2014,		2

90	Anti-noise-folding regularized subspace pursuit recovery algorithm for noisy sparse signals 2014 ,		2
89	Comparison of cooperative spectrum sensing strategies in distributed cognitive radio networks 2012 ,		2
88	Correction to Geometry and Motion-Based Positioning Algorithms for Mobile Tracking in NLOS Environments <i>IEEE Transactions on Mobile Computing</i> , 2012 , 11, 704-704	4.6	2
87	Dynamic spectrum access with two channel sensing in cognitive radio networks 2012 ,		2
86	Design considerations of reinforcement learning power controllers in Wireless Body Area Networks 2012 ,		2
85	Investigation of radar localization system accuracy for human gastro intestine (GI) tract 2013 ,		2
84	QoS-aware cross-layer scheduling for cognitive radio networks with heterogeneous data traffic 2013 ,		2
83	Low latency IP mobility management: protocol and analysis. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2011 , 2011,	3.2	2
82	Automatic Flow Distribution and Management in Heterogeneous Networks 2009 ,		2
81	Channel model for in-body WBAN 2012 ,		2
80	Unitary differential space-time-frequency codes for MB-OFDM UWB 2009 ,		2
79	Concurrent MAC with Short Signaling for multi-hop Wireless Mesh Networks 2009 ,		2
78	Subband Adaptive Filtering for Efficient Spectrum Utilization in Cognitive Radios 2008 ,		2
77	An Efficient Downlink Data Mapping Algorithm for IEEE802.16e OFDMA Systems 2008 ,		2
76	An Impulse Ultra-wideband System Capable of Concurrent Transmission and Reception, Part II: Design and Performance 2006 ,		2
75	WLC27-2: Subcarrier Allocation for OFDMA Wireless Channels Using Lagrangian Relaxation Methods. <i>IEEE Global Telecommunications Conference (GLOBECOM)</i> , 2006 ,		2
74	Subthreshold Energy Harvesters Circuits for Biomedical Implants Applications 2015 ,		2
73	Energy Trading and Time Scheduling for Energy-Efficient Heterogeneous Low-Power IoT Networks 2020 ,		2

72	Dynamic Federated Learning-Based Economic Framework for Internet-of-Vehicles. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 1-1	4.6	2
71	JOCAR: A Jointly Optimal Caching and Routing Framework for Cooperative Edge Caching Networks 2019 ,		2
70	Simplified Over- Temperature Protection Circuit Structure for WSN/IoT Device Power Management 2019 ,		2
69	An Adaptive UAV Network for Increased User Coverage and Spectral Efficiency 2019 ,		2
68	BlockRoam: Blockchain-based Roaming Management System for Future Mobile Networks. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 1-1	4.6	2
67	Performance Analysis of Full Duplex D2D in Opportunistic Spectrum Access 2018 ,		2
66	A Review of Current On-demand Routing Protocols. <i>Lecture Notes in Computer Science</i> , 2001 , 186-195	0.9	2
65	Joint Speed Control and Energy Replenishment Optimization for UAV-assisted IoT Data Collection with Deep Reinforcement Transfer Learning. <i>IEEE Internet of Things Journal</i> , 2022 , 1-1	10.7	2
64	Dynamic stopping using eSVM scores analysis for event-related potential brain-computer interfaces 2017 ,		1
63	Defeating Jamming Attacks with Ambient Backscatter Communications 2020 ,		1
62	Priority Access and General Authorized Access Interference Mitigation in the Spectrum Access System. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 4969-4983	6.8	1
61	Performance Analysis of Chaotic Sampling and Detection in CS-DCSK UWB System 2016 ,		1
60	A stochastic programming approach for risk management in mobile cloud computing 2018 ,		1
59	Airborne Object Detection Using Hyperspectral Imaging: Deep Learning Review. <i>Lecture Notes in Computer Science</i> , 2019 , 306-321	0.9	1
58	Performance evaluation of virtual MIMO for UWB based body area networks 2013 ,		1
57	Radio spectrum maps for emerging IoT and 5G networks: Applications to smart buildings 2017 ,		1
56	An efficient dictionary refinement algorithm for multiple target counting and localization in wireless sensor networks. <i>International Journal of Distributed Sensor Networks</i> , 2017 , 13, 155014771772380	1.7	1
55	Opportunistic Access to PAL Channel for Multi-RAT GAA Transmission in Spectrum Access System 2017 ,		1

54	Preserving operational information in spectrum access system with dishonest users 2017 ,		1
53	Miniaturized millimeter-wave on-chip bandpass filter design in 0.13- μm SiGe BiCMOS technology 2017 ,		1
52	Grid sensitivity analysis of human phantom models to minimize the simulation error for capsule endoscope localization 2015 ,		1
51	Joint optimal relay location and power allocation for ultra-wideband-based wireless body area networks. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2015 , 2015,	3.2	1
50	SNR Threshold for Distributed Antenna Systems in Cloud Radio Access Networks 2015 ,		1
49	Sensitivity analysis of human phantom models for accurate in-body path-loss model development 2015 ,		1
48	A modified shuffled frog leaping algorithm for PAPR reduction in OFDM systems 2014 ,		1
47	Channel-adaptive MAC frame length in wireless body area networks 2014 ,		1
46	Addressing Hidden Terminals in WLANs with Zero Forcing Coordinated Beamforming 2014 ,		1
45	Statistical characterization of the 400 MHz in-body propagation channel in in-door environments 2012 ,		1
44	Spectrum sensing error optimisation in cognitive radio networks 2012 ,		1
43	Cooperative sensing with detection threshold optimization in cognitive radio networks 2012 ,		1
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