

# Eryk Dutkiewicz

## List of Publications by Year in descending order

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396  
papers

6,098  
citations

136950

32  
h-index

118850

62  
g-index

396  
all docs

396  
docs citations

396  
times ranked

5134  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic Federated Learning-Based Economic Framework for Internet-of-Vehicles. IEEE Transactions on Mobile Computing, 2023, 22, 2100-2115.	5.8	11
2	Joint Speed Control and Energy Replenishment Optimization for UAV-Assisted IoT Data Collection With Deep Reinforcement Transfer Learning. IEEE Internet of Things Journal, 2023, 10, 5778-5793.	8.7	12
3	Deep Generative Learning Models for Cloud Intrusion Detection Systems. IEEE Transactions on Cybernetics, 2023, 53, 565-577.	9.5	15
4	In-Network Computation for Large-Scale Federated Learning Over Wireless Edge Networks. IEEE Transactions on Mobile Computing, 2023, 22, 5918-5932.	5.8	2
5	Learning Latent Representation for IoT Anomaly Detection. IEEE Transactions on Cybernetics, 2022, 52, 3769-3782.	9.5	23
6	Blockchain-Enabled Fish Provenance and Quality Tracking System. IEEE Internet of Things Journal, 2022, 9, 8130-8142.	8.7	17
7	Maximizing the Geometric Mean of User-Rates to Improve Rate-Fairness: Proper vs. Improper Gaussian Signaling. IEEE Transactions on Wireless Communications, 2022, 21, 295-309.	9.2	28
8	Federated Learning Meets Contract Theory: Economic-Efficiency Framework for Electric Vehicle Networks. IEEE Transactions on Mobile Computing, 2022, 21, 2803-2817.	5.8	23
9	Joint Coding and Scheduling Optimization for Distributed Learning Over Wireless Edge Networks. IEEE Journal on Selected Areas in Communications, 2022, 40, 484-498.	14.0	6
10	Relay-Aided Multi-User OFDM Relying on Joint Wireless Power Transfer and Self-Interference Recycling. IEEE Transactions on Communications, 2022, 70, 291-305.	7.8	4
11	RIS-Aided Zero-Forcing and Regularized Zero-Forcing Beamforming in Integrated Information and Energy Delivery. IEEE Transactions on Wireless Communications, 2022, 21, 5500-5513.	9.2	2
12	Defeating Super-Reactive Jammers With Deception Strategy: Modeling, Signal Detection, and Performance Analysis. IEEE Transactions on Wireless Communications, 2022, 21, 7374-7390.	9.2	4
13	An ensemble approach to deep learning-based wireless indoor localization. IET Wireless Sensor Systems, 2022, 12, 33-55.	1.7	4
14	Collaborative Beamforming Aided Fog Radio Access Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 7805-7820.	6.3	3
15	Twin Variational Auto-Encoder for Representation Learning in IoT Intrusion Detection. , 2022, , .		1
16	Federated Learning Framework with Straggling Mitigation and Privacy-Awareness for AI-based Mobile Application Services. IEEE Transactions on Mobile Computing, 2022, , 1-1.	5.8	2
17	Finite-Resolution Digital Beamforming for Multi-User Millimeter-Wave Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 9647-9662.	6.3	4
18	Transfer Learning for Wireless Networks: A Comprehensive Survey. Proceedings of the IEEE, 2022, 110, 1073-1115.	21.3	28

#	ARTICLE	IF	CITATIONS
19	A Novel Mobile Edge Network Architecture with Joint Caching-Delivering and Horizontal Cooperation. IEEE Transactions on Mobile Computing, 2021, 20, 19-31.	5.8	32
20	Physical Layer Security Aided Wireless Interference Networks in the Presence of Strong Eavesdropper Channels. IEEE Transactions on Information Forensics and Security, 2021, 16, 3228-3240.	6.9	8
21	BlockRoom: Blockchain-based Roaming Management System for Future Mobile Networks. IEEE Transactions on Mobile Computing, 2021, , 1-1.	5.8	9
22	Time Scheduling and Energy Trading for Heterogeneous Wireless-Powered and Backscattering-Based IoT Networks. IEEE Transactions on Wireless Communications, 2021, 20, 6835-6851.	9.2	9
23	MPC-Based UAV Navigation for Simultaneous Solar-Energy Harvesting and Two-Way Communications. IEEE Journal on Selected Areas in Communications, 2021, 39, 3459-3474.	14.0	18
24	A New Class of Structured Beamforming for Content-Centric Fog Radio Access Networks. IEEE Transactions on Communications, 2021, 69, 7269-7282.	7.8	1
25	DeepFake: Deep Dueling-Based Deception Strategy to Defeat Reactive Jammers. IEEE Transactions on Wireless Communications, 2021, 20, 6898-6914.	9.2	13
26	Energy-Harvesting Aided Unmanned Aerial Vehicles for Reliable Ground User Localization and Communications Under Lognormal-Nakagami- $m$ Fading Channels. IEEE Transactions on Vehicular Technology, 2021, 70, 1632-1647.	6.3	9
27	Blockchain-based Secure Platform for Coalition Loyalty Program Management. , 2021, , .		8
28	Fast or Slow: An Autonomous Speed Control Approach for UAV-assisted IoT Data Collection Networks. , 2021, , .		5
29	Defeating Reactive Jammers with Deep Dueling-based Deception Mechanism. , 2021, , .		1
30	Optimal Energy Efficiency With Delay Constraints for Multi-Layer Cooperative Fog Computing Networks. IEEE Transactions on Communications, 2021, 69, 3911-3929.	7.8	17
31	Performance Analysis of Uplink NOMA Systems With Hardware Impairments and Delay Constraints Over Composite Fading Channels. IEEE Transactions on Vehicular Technology, 2021, 70, 6881-6897.	6.3	11
32	Optimal Beam Association for High Mobility mmWave Vehicular Networks: Lightweight Parallel Reinforcement Learning Approach. IEEE Transactions on Communications, 2021, 69, 5948-5961.	7.8	8
33	An Effective Framework of Private Ethereum Blockchain Networks for Smart Grid. , 2021, , .		5
34	Enabling Large-Scale Federated Learning over Wireless Edge Networks. , 2021, , .		2
35	Dynamic Optimal Coding and Scheduling for Distributed Learning over Wireless Edge Networks. , 2021, , .		0
36	Selective Federated Learning for On-Road Services in Internet-of-Vehicles. , 2021, , .		3

#	ARTICLE	IF	CITATIONS
37	Incentive Mechanism for AI-Based Mobile Applications with Coded Federated Learning. , 2021, , .		1
38	Analysis of Clustered Licensed-Assisted Access in Unlicensed Spectrum. IEEE Transactions on Vehicular Technology, 2020, 69, 349-360.	6.3	4
39	Ambient Backscatter: A Novel Method to Defend Jamming Attacks for Wireless Networks. IEEE Wireless Communications Letters, 2020, 9, 175-178.	5.0	21
40	Preserving Honest/Dishonest Usersâ€™ Operational Privacy with Blind Interference Calculation in Spectrum Sharing System. IEEE Transactions on Mobile Computing, 2020, 19, 2874-2890.	5.8	4
41	Defeating Smart and Reactive Jammers with Unlimited Power. , 2020, , .		9
42	Network Optimisation in 5G Networks: A Radio Environment Map Approach. IEEE Transactions on Vehicular Technology, 2020, 69, 12043-12057.	6.3	16
43	A Comprehensive Survey of Enabling and Emerging Technologies for Social Distancingâ€™Part II: Emerging Technologies and Open Issues. IEEE Access, 2020, 8, 154209-154236.	4.2	71
44	A Comprehensive Survey of Enabling and Emerging Technologies for Social Distancingâ€™Part I: Fundamentals and Enabling Technologies. IEEE Access, 2020, 8, 153479-153507.	4.2	114
45	Non-cooperative OFDM Spectrum Sensing Using Deep Learning. , 2020, , .		5
46	Blockchain and Stackelberg Game Model for Roaming Fraud Prevention and Profit Maximization. , 2020, , .		6
47	"Borrowing Arrows with Thatched Boats": The Art of Defeating Reactive Jammers in IoT Networks. IEEE Wireless Communications, 2020, 27, 79-87.	9.0	16
48	A Reinforcement Learning Approach for Fair User Coverage Using UAV Mounted Base Stations Under Energy Constraints. IEEE Open Journal of Vehicular Technology, 2020, 1, 67-81.	4.9	33
49	Deep Transfer Learning for IoT Attack Detection. IEEE Access, 2020, 8, 107335-107344.	4.2	71
50	Unbalanced Hybrid AOA/RSSI Localization for Simplified Wireless Sensor Networks. Sensors, 2020, 20, 3838.	3.8	12
51	Collaborative Learning Model for Cyberattack Detection Systems in IoT Industry 4.0. , 2020, , .		38
52	Ultracompact Multichannel Bandpass Filter Based on Trimode Dielectric-Loaded Cavities. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 1668-1677.	4.6	13
53	Defeating Jamming Attacks with Ambient Backscatter Communications. , 2020, , .		2
54	Differential Evolution FPA-SVM for Target Classification in Foliage Environment Using Device-Free Sensing. Lecture Notes in Electrical Engineering, 2020, , 553-560.	0.4	0

#	ARTICLE	IF	CITATIONS
55	Common Agency-Based Economic Model for Energy Contract in Electric Vehicle Networks. , 2020, , .		0
56	Energy Trading and Time Scheduling for Energy-Efficient Heterogeneous Low-Power IoT Networks. , 2020, , .		4
57	Hybrid TOA/AOA Localization with 1D Angle Estimation in UAV-assisted WSN. , 2020, , .		9
58	Optimal Beam Association in mmWave Vehicular Networks with Parallel Reinforcement Learning. , 2020, , .		0
59	Joint Power Control and User Association for NOMA-Based Full-Duplex Systems. IEEE Transactions on Communications, 2019, 67, 8037-8055.	7.8	50
60	Energy Management and Time Scheduling for Heterogeneous IoT Wireless-Powered Backscatter Networks. , 2019, , .		5
61	Optimal Online Data Partitioning for Geo-Distributed Machine Learning in Edge of Wireless Networks. IEEE Journal on Selected Areas in Communications, 2019, 37, 2393-2406.	14.0	36
62	Theoretical Analysis of REM-Based Handover Algorithm for Heterogeneous Networks. IEEE Access, 2019, 7, 96719-96731.	4.2	8
63	Learning Latent Distribution for Distinguishing Network Traffic in Intrusion Detection System. , 2019, , .		22
64	Optimal and Low-Complexity Dynamic Spectrum Access for RF-Powered Ambient Backscatter System With Online Reinforcement Learning. IEEE Transactions on Communications, 2019, 67, 5736-5752.	7.8	25
65	Proof-of-Stake Consensus Mechanisms for Future Blockchain Networks: Fundamentals, Applications and Opportunities. IEEE Access, 2019, 7, 85727-85745.	4.2	262
66	Optimal Mode Selection for Full-Duplex Enabled D2D Cognitive Networks. IEEE Access, 2019, 7, 57298-57311.	4.2	10
67	Airborne Object Detection Using Hyperspectral Imaging: Deep Learning Review. Lecture Notes in Computer Science, 2019, , 306-321.	1.3	7
68	Distributed Power Allocation Algorithm for General Authorised Access in Spectrum Access System. , 2019, , .		1
69	“Jam Me If You Can:” Defeating Jammer With Deep Dueling Neural Network Architecture and Ambient Backscattering Augmented Communications. IEEE Journal on Selected Areas in Communications, 2019, 37, 2603-2620.	14.0	56
70	Resource Allocation in Moving and Fixed General Authorized Access Users in Spectrum Access System. IEEE Access, 2019, 7, 107863-107873.	4.2	12
71	Real-Time Network Slicing with Uncertain Demand: A Deep Learning Approach. , 2019, , .		10
72	Sensing OFDM Signal: A Deep Learning Approach. IEEE Transactions on Communications, 2019, 67, 7785-7798.	7.8	34

#	ARTICLE	IF	CITATIONS
73	Millimeter-Wave BPFs Design using Quasi-Lumped Elements in 0.13- $\mu\text{m}$ (Bi)-CMOS Technology. , 2019, , .		1
74	Distributed Deep Learning at the Edge: A Novel Proactive and Cooperative Caching Framework for Mobile Edge Networks. IEEE Wireless Communications Letters, 2019, 8, 1220-1223.	5.0	50
75	Optimal and Fast Real-Time Resource Slicing With Deep Dueling Neural Networks. IEEE Journal on Selected Areas in Communications, 2019, 37, 1455-1470.	14.0	82
76	Enabling Technologies for Ultra-Reliable and Low Latency Communications: From PHY and MAC Layer Perspectives. IEEE Communications Surveys and Tutorials, 2019, 21, 2488-2524.	39.4	166
77	Compact Millimeter-Wave Bandpass Filters Using Quasi-Lumped Elements in 0.13- $\mu\text{m}$ (Bi)-CMOS Technology for 5G Wireless Systems. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 3064-3073.	4.6	39
78	2.4 GHz CMOS Design RF-to-DC Energy Harvesting with Charge Control System for WSN Application. , 2019, , .		0
79	Design of High Voltage Output for CMOS Voltage Rectifier for Energy Harvesting Design. , 2019, , .		2
80	Low-Overhead Handover-Skipping Technique for 5G Networks. , 2019, , .		2
81	Energy Demand Prediction with Federated Learning for Electric Vehicle Networks. , 2019, , .		111
82	JOCAR: A Jointly Optimal Caching and Routing Framework for Cooperative Edge Caching Networks. , 2019, , .		4
83	QoS-Aware Fog Computing Resource Allocation Using Feasibility-Finding Benders Decomposition. , 2019, , .		2
84	On-Chip Inductor-Less Indoor Light Energy Harvester with Improved Efficiency for WSN/IoT Device Design. , 2019, , .		3
85	A Novel Spectral-Efficient Resource Allocation Approach for NOMA-Based Full-Duplex Systems. , 2019, , .		0
86	Self-Biased 2.4 GHz CMOS RF-to-DC Converter with 80% Efficiency and $\sim 22.04$ dBm Sensitivity for Wi-Fi Energy Harvesting. , 2019, , .		6
87	A Self-Calibrating Off-Time Controller for WSN/IoT Synchronous Non-Inverting Buck-Boost DC-to-DC Converter Application. , 2019, , .		2
88	PV-TEG- WiFi Multiple Sources Design Energy Harvesting System for WSN Application. , 2019, , .		3
89	An OFDM Sensing Algorithm in Full-Duplex Systems with Self-Interference and Carrier Frequency Offset. , 2019, , .		0
90	Design of Buck Converter with Dead-time Control and Automatic Power-Down System for WSN Application. , 2019, , .		2

#	ARTICLE	IF	CITATIONS
91	Simplified Over-Temperature Protection Circuit Structure for WSN/IoT Device Power Management. , 2019, , .		7
92	An Adaptive UAV Network for Increased User Coverage and Spectral Efficiency. , 2019, , .		4
93	A Highly Linear OTA with 759 $\hat{\mu}$ S gm for RF Transceiver Application. , 2019, , .		2
94	Cost-Effective Foliage Penetration Human Detection Under Severe Weather Conditions Based on Auto-Encoder/Decoder Neural Network. IEEE Internet of Things Journal, 2019, 6, 6190-6200.	8.7	16
95	Compact Dual-Channel Balanced Filter and Balun Filter Based on Quad-Mode Dielectric Resonator. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 494-504.	4.6	23
96	An Efficient Algorithm for the k-Dominating Set Problem on Very Large-Scale Networks (Extended) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	1.3	1
97	Quantify Physiologic Interactions Using Network Analysis. Lecture Notes in Computer Science, 2019, , 142-151.	1.3	0
98	Subject-Independent ERP-Based Brain-Computer Interfaces. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2018, 26, 719-728.	4.9	16
99	A W-Band Balanced Power Amplifier Using Broadside Coupled Strip-Line Coupler in SiGe BiCMOS 0.13- $\mu$ m Technology. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 2139-2150.	5.4	48
100	Scalable Spectrum Access System for Massive Machine Type Communication. IEEE Network, 2018, 32, 154-160.	6.9	16
101	Internet of Mission-Critical Things: Human and Animal Classification- A Device-Free Sensing Approach. IEEE Internet of Things Journal, 2018, 5, 3369-3377.	8.7	30
102	Sustainable Service Allocation Using a Metaheuristic Technique in a Fog Server for Industrial Applications. IEEE Transactions on Industrial Informatics, 2018, 14, 4497-4506.	11.3	123
103	Human Abdomen Path-Loss Modeling and Location Estimation of Wireless Capsule Endoscope Using Round-Trip Propagation Loss. IEEE Sensors Journal, 2018, 18, 3266-3277.	4.7	7
104	Impact of Seasonal Variations on Foliage Penetration Experiment: A WSN-Based Device-Free Sensing Approach. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 5035-5045.	6.3	28
105	Priority Access and General Authorized Access Interference Mitigation in the Spectrum Access System. IEEE Transactions on Vehicular Technology, 2018, 67, 4969-4983.	6.3	2
106	Transmit Power Allocation for General Authorized Access in Spectrum Access System Using Carrier Sensing Range. , 2018, , .		3
107	Reinforcement Learning Approach for RF-Powered Cognitive Radio Network with Ambient Backscatter. , 2018, , .		13
108	A CMOS Implemented Transimpedance Amplifier Design for Optical Communications. , 2018, , .		1

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109	A Design of Inverse Class-J Power Amplifier using Varactor Diode for 4G Communication Systems. , 2018, , .		0
110	Empirical Power Consumption Model for UAVs. , 2018, , .		39
111	Design of On-Chip Edge-Coupled Resonator and Its Application for Bandpass Filter in CMOS Technology. , 2018, , .		1
112	Offloading Energy Efficiency with Delay Constraint for Cooperative Mobile Edge Computing Networks. , 2018, , .		30
113	Real-Time Crowdsourcing Incentive for Radio Environment Maps: A Dynamic Pricing Approach. , 2018, , .		7
114	Fairness Aware Resource Allocation for Average Capacity Maximisation in General Authorized Access User. , 2018, , .		1
115	Performance Analysis of Full Duplex D2D in Opportunistic Spectrum Access. , 2018, , .		2
116	Design Methodology of a Miniaturized Millimetre Wave Integrated Passive Resonator Using (Bi)-CMOS Technology. , 2018, , .		0
117	360-Degree Polarization Scanning with the Diversity of Boresight and Conical Patterns Switching. , 2018, , .		0
118	Time Series Analysis for Encrypted Traffic Classification: A Deep Learning Approach. , 2018, , .		20
119	Non-Laboratory-Based Risk Factors for Automated Heart Disease Detection. , 2018, , .		2
120	Feature Analysis for Discrimination of Motor Unit Action Potentials. , 2018, , .		0
121	Comprehensive Energy Consumption Model for Unmanned Aerial Vehicles, Based on Empirical Studies of Battery Performance. IEEE Access, 2018, 6, 58383-58394.	4.2	123
122	PCF-Based LTE Wi-Fi Aggregation for Coordinating and Offloading the Cellular Traffic to D2D Network. IEEE Transactions on Vehicular Technology, 2018, 67, 12193-12203.	6.3	5
123	A Compact and Low-Loss Bandpass Filter Using Self-Coupled Folded-Line Resonator With Capacitive Feeding Technique. IEEE Electron Device Letters, 2018, , 1-1.	3.9	26
124	Protecting Operational Information of Incumbent and Secondary Users in FCC Spectrum Access System. , 2018, , .		2
125	Full-Duplex MIMO Radios: A Greener Networking Solution. IEEE Transactions on Green Communications and Networking, 2018, 2, 652-665.	5.5	7
126	Potential Field Based Inter-UAV Collision Avoidance Using Virtual Target Relocation. , 2018, , .		5



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127	A profiling analysis of contributions of cigarette smoking, dietary calcium intakes, and physical activity to fragility fracture in the elderly. <i>Scientific Reports</i> , 2018, 8, 10374.	3.3	7
128	A $\pi$ -Band Compact Wideband Bandpass Filter With High Selectivity and Improved Return Loss. <i>IEEE Microwave and Wireless Components Letters</i> , 2018, 28, 777-779.	3.2	14
129	A Dynamic Edge Caching Framework for Mobile 5G Networks. <i>IEEE Wireless Communications</i> , 2018, 25, 95-103.	9.0	48
130	Harvesting Short-Lived White Spaces via Opportunistic Traffic Offloading Between Mobile Service Providers. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2018, 4, 635-647.	7.9	1
131	REM-based handover algorithm for next-generation multi-tier cellular networks. , 2018, , .		8
132	A stochastic programming approach for risk management in mobile cloud computing. , 2018, , .		2
133	2D proactive uplink resource allocation algorithm for event based MTC applications. , 2018, , .		2
134	Cyberattack detection in mobile cloud computing: A deep learning approach. , 2018, , .		64
135	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.	6.3	18
136	Optimal length-constrained segmentation and subject-adaptive learning for real-time arrhythmia detection. , 2018, , .		1
137	Design of an On-Chip Highly Sensitive Misalignment Sensor in Silicon Technology. <i>IEEE Sensors Journal</i> , 2017, 17, 1211-1212.	4.7	18
138	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.	4.2	58
139	An anomaly detection technique in wearable wireless monitoring systems for studies of gait freezing in Parkinson's disease. , 2017, , .		5
140	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.	3.9	84
141	Dynamic stopping using eSVM scores analysis for event-related potential brain-computer interfaces. , 2017, , .		1
142	Negotiable Auction Based on Mixed Graph: A Novel Spectrum Sharing Framework. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2017, 3, 390-403.	7.9	5
143	Real-time analysis on ensemble SVM scores to reduce P300-Speller intensification time. , 2017, 2017, 4383-4386.		4
144	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.	3.0	46

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145	Compact On-Chip Bandpass Filter With Improved In-Band Flatness and Stopband Attenuation in 0.13- $\mu\text{m}$ (Bi)-CMOS Technology. IEEE Electron Device Letters, 2017, 38, 1359-1362.	3.9	49
146	A Local Search Algorithm for Saving Energy Cost in Duty-Cycle Wireless Sensor Network. Proceedings in Adaptation, Learning and Optimization, 2017, , 45-59.	1.6	1
147	Massive Machine-Type Communications. IEEE Network, 2017, 31, 6-7.	6.9	26
148	Radio environment maps generation and spectrum sensing testbed for spectrum sharing in 5G networks. , 2017, , .		9
149	Quad-band antenna for GSM/WSN/WLAN/LTE-A application in IoT devices. , 2017, , .		0
150	Radio spectrum maps for emerging IoT and 5G networks: Applications to smart buildings. , 2017, , .		3
151	A Novel Full-Duplex Spectrum Sensing Algorithm for OFDM Signals in Cognitive Radio Networks. , 2017, , .		3
152	The Impact on Full Duplex D2D Communication of Different LTE Transmission Techniques. , 2017, , .		4
153	Wearable healthcare systems: A single channel accelerometer based anomaly detector for studies of gait freezing in Parkinson's disease. , 2017, , .		9
154	An efficient dictionary refinement algorithm for multiple target counting and localization in wireless sensor networks. International Journal of Distributed Sensor Networks, 2017, 13, 155014771772380.	2.2	1
155	Design of a compact self-coupled resonator and dual-band bandpass filter in 0.13- $\mu\text{m}$ CMOS technology for millimetre-wave application. , 2017, , .		2
156	Compact on-chip 60 GHz resonator with ring defected ground structure for millimetre-wave applications. , 2017, , .		0
157	Game theoretic analysis of sublicensing for PAL and GAA bands in spectrum access system. , 2017, , .		0
158	Opportunistic Access to PAL Channel for Multi-RAT GAA Transmission in Spectrum Access System. , 2017, , .		4
159	Subject-Independent P300 BCI Using Ensemble Classifier, Dynamic Stopping and Adaptive Learning. , 2017, , .		8
160	Device-free sensing for classification of human activities using high-order cumulant algorithm. , 2017, , .		0
161	Double-Balanced Gilbert Mixer with Current Bleeding for RF Front-End Using 0.13- $\mu\text{m}$ SiGe BiCMOS Technology. , 2017, , .		0
162	Radio Equipment Directive - A Novel Software Reconfiguration Framework. , 2017, , .		0

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163	Narrowband IoT Service Provision to 5G User Equipment via a Satellite Component. , 2017, , .		20
164	Design of Contour Based Protection Zones for Sublicensing in Spectrum Access Systems. , 2017, , .		1
165	Preserving operational information in spectrum access system with dishonest users. , 2017, , .		2
166	Miniaturized millimeter-wave on-chip bandpass filter design in 0.13- $\mu$ m SiGe BiCMOS technology. , 2017, , .		1
167	Considering switching overhead for transmit power allocation for GAA in spectrum access system. , 2017, , .		1
168	Design of on-chip quadrature hybrid (3dB) branch-line couplers in 0.13- $\mu$ m SiGe technology for millimetre-wave applications. , 2017, , .		1
169	Algorithm for energy efficient inter-UAV collision avoidance. , 2017, , .		23
170	Design of an Elliptic Filter Using Multiple-Loop Feedback Structure in CMOS Technology for Analogue Signal Processing. , 2017, , .		0
171	Detection of contour boundary for sublicensing in spectrum access systems. , 2017, , .		0
172	Device-Free Sensing for Personnel Detection in a Foliage Environment. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 921-925.	3.1	42
173	Truthful Channel Sharing for Self Coexistence of Overlapping Medical Body Area Networks. PLoS ONE, 2016, 11, e0148376.	2.5	11
174	Reading Damaged Scripts: Partial Packet Recovery Based on Compressive Sensing for Efficient Random Linear Coded Transmission. IEEE Transactions on Communications, 2016, 64, 3296-3310.	7.8	10
175	Joint Source-Channel Optimization of Vector Quantization with Polar Codes. , 2016, , .		0
176	Enhanced QoS for domestic licensees in border areas through game theory based licensed shared access. , 2016, , .		1
177	Feature Engineering and Supervised Learning Classifiers for Respiratory Artefact Removal in Lung Function Tests. , 2016, , .		3
178	Novel pilot decontamination methods for Massive MIMO systems under practical scenarios. , 2016, , .		3
179	Classification of animals and people based on radio-sensor network. , 2016, , .		2
180	Quadrature broadband phase shift generation using passive RC polyphase filter for RF front-end. , 2016, , .		4

#	ARTICLE	IF	CITATIONS
181	Effect of CSI quantization on the average rate in MU-MIMO WLANs. , 2016, , .		2
182	Derivation of CRLB for Wireless Capsule Endoscope Localization Using Received Signal Strength. IEEE Sensors Journal, 2016, 16, 9064-9074.	4.7	3
183	Performance Analysis of Chaotic Sampling and Detection in CS-DCSK UWB System. , 2016, , .		3
184	A fair spectrum sharing framework based on topological sort and max weight for femtocells. , 2016, , .		0
185	Solving hidden terminal problem in MU-MIMO WLANs with fairness and throughput-aware precoding and a degrees-of-freedom-based MAC design. Eurasip Journal on Wireless Communications and Networking, 2016, 2016, .	2.4	0
186	On the Usage of Geolocation-Aware Spectrum Measurements for Incumbent Location and Transmit Power Detection. IEEE Transactions on Vehicular Technology, 2016, 65, 8177-8189.	6.3	9
187	Joint Traffic Splitting, Rate Control, Routing, and Scheduling Algorithm for Maximizing Network Utility in Wireless Mesh Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 2688-2702.	6.3	16
188	Interference Study of Medical Body Area Network for Proactive Performance Improvement. ECTI Transactions on Computer and Information Technology, 2016, 6, 50-57.	0.5	0
189	Radio spectrum research for emerging IoT and 5G networks. , 2016, , .		2
190	Spectrum Sharing Based on Truthful Auction in Licensed Shared Access Systems. , 2015, , .		14
191	Investigation of in-body path loss in different human subjects for localization of capsule endoscope. , 2015, 2015, 5461-4.		3
192	Sampling of Band-Limited Signals with Nonuniform Sampling-Time and Bit-Depth. , 2015, , .		0
193	Target allocation of WSN based on Parallel Chaotic Elite Quantum-Inspired Evolutionary Algorithm. , 2015, , .		1
194	An auction framework based on flexible transmit powers in the Licensed Shared Access Systems. , 2015, , .		0
195	Grid sensitivity analysis of human phantom models to minimize the simulation error for capsule endoscope localization. , 2015, , .		1
196	Message from general co-chairs. , 2015, , .		0
197	An SIW-Based Large-Scale Corporate-Feed Array Antenna. IEEE Transactions on Antennas and Propagation, 2015, 63, 2969-2976.	5.1	47
198	Joint optimal relay location and power allocation for ultra-wideband-based wireless body area networks. Eurasip Journal on Wireless Communications and Networking, 2015, 2015, .	2.4	2

#	ARTICLE	IF	CITATIONS
199	SNR Threshold for Distributed Antenna Systems in Cloud Radio Access Networks. , 2015, , .		2
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