

Miroslav Voznak

List of Publications by Year in descending order

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344
papers

2,631
citations

257357

24
h-index

330025

37
g-index

359
all docs

359
docs citations

359
times ranked

1478
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum Key Distribution. <i>ACM Computing Surveys</i> , 2021, 53, 1-41.	16.1	100
2	A binary PSO approach to mine high-utility itemsets. <i>Soft Computing</i> , 2017, 21, 5103-5121.	2.1	95
3	A sanitization approach for hiding sensitive itemsets based on particle swarm optimization. <i>Engineering Applications of Artificial Intelligence</i> , 2016, 53, 1-18.	4.3	87
4	An efficient algorithm to mine high average-utility itemsets. <i>Advanced Engineering Informatics</i> , 2016, 30, 233-243.	4.0	85
5	Fast algorithms for hiding sensitive high-utility itemsets in privacy-preserving utility mining. <i>Engineering Applications of Artificial Intelligence</i> , 2016, 55, 269-284.	4.3	58
6	Implementation of quantum key distribution network simulation module in the network simulator NS-3. <i>Quantum Information Processing</i> , 2017, 16, 1.	1.0	51
7	NOMA-Assisted Multiple Access Scheme for IoT Deployment: Relay Selection Model and Secrecy Performance Improvement. <i>Sensors</i> , 2019, 19, 736.	2.1	49
8	Impact of packet loss and delay variation on the quality of real-time video streaming. <i>Telecommunication Systems</i> , 2016, 62, 265-275.	1.6	43
9	Imperfect channel state information of AF and DF energy harvesting cooperative networks. <i>China Communications</i> , 2016, 13, 11-19.	2.0	42
10	Energy-Efficient Clustering Multi-Hop Routing Protocol in a UWSN. <i>Sensors</i> , 2021, 21, 627.	2.1	41
11	Pattern Prediction and Passive Bandwidth Management for Hand-over Optimization in QoS Cellular Networks with Vehicular Mobility. <i>IEEE Transactions on Mobile Computing</i> , 2016, 15, 2809-2824.	3.9	40
12	Performance enhancement for energy harvesting based two-way relay protocols in wireless ad-hoc networks with partial and full relay selection methods. <i>Ad Hoc Networks</i> , 2019, 84, 178-187.	3.4	40
13	Wireless Powered Relaying Networks Under Imperfect Channel State Information: System Performance and Optimal Policy for Instantaneous Rate. <i>Radioengineering</i> , 2017, 26, 869-877.	0.3	37
14	Performance Analysis of Clustering Car-Following V2X System With Wireless Power Transfer and Massive Connections. <i>IEEE Internet of Things Journal</i> , 2022, 9, 14610-14628.	5.5	34
15	UAV Relaying Enabled NOMA Network With Hybrid Duplexing and Multiple Antennas. <i>IEEE Access</i> , 2020, 8, 186993-187007.	2.6	33
16	Energy Harvesting over Rician Fading Channel: A Performance Analysis for Half-Duplex Bidirectional Sensor Networks under Hardware Impairments. <i>Sensors</i> , 2018, 18, 1781.	2.1	32
17	A Novel Approach to Quality-of-Service Provisioning in Trusted Relay Quantum Key Distribution Networks. <i>IEEE/ACM Transactions on Networking</i> , 2020, 28, 168-181.	2.6	32
18	Uplink and Downlink NOMA Transmission Using Full-Duplex UAV. <i>IEEE Access</i> , 2020, 8, 164347-164364.	2.6	32

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19	Reconfigurable Intelligent Surface Aided Multi-User Communications: State-of-the-Art Techniques and Open Issues. <i>IEEE Access</i> , 2021, 9, 118584-118605.	2.6	31
20	Centralized IDS Based on Misuse Detection for Cluster-Based Wireless Sensors Networks. <i>Wireless Personal Communications</i> , 2015, 85, 207-224.	1.8	29
21	Cooperative Context Data Acquisition and Dissemination for Situation Identification in Vehicular Communication Networks. <i>Wireless Personal Communications</i> , 2015, 85, 49-62.	1.8	28
22	Two-way relaying networks in green communications for 5G: Optimal throughput and tradeoff between relay distance on power splitting-based and time switching-based relaying SWIPT. <i>AEU - International Journal of Electronics and Communications</i> , 2016, 70, 1637-1644.	1.7	28
23	Analysis of the Public Channel of Quantum Key Distribution Link. <i>IEEE Journal of Quantum Electronics</i> , 2017, 53, 1-8.	1.0	26
24	Error Reconciliation in Quantum Key Distribution Protocols. <i>Lecture Notes in Computer Science</i> , 2020, , 222-236.	1.0	26
25	Prediction model of QoS for Triple play services. , 2013, , .		25
26	Enabling NOMA in Backscatter Reconfigurable Intelligent Surfaces-Aided Systems. <i>IEEE Access</i> , 2021, 9, 33782-33795.	2.6	25
27	Approach to stress tests in SIP environment based on marginal analysis. <i>Telecommunication Systems</i> , 2013, 52, 1583-1593.	1.6	24
28	Exploiting hybrid time switching-based and power splitting-based relaying protocol in wireless powered communication networks with outdated channel state information. <i>Automatika</i> , 2017, 58, 111-118.	1.2	24
29	Wireless energy harvesting meets receiver diversity: A successful approach for two-way half-duplex relay networks over block Rayleigh fading channel. <i>Computer Networks</i> , 2020, 172, 107176.	3.2	24
30	Deep Learning Serves Voice Cloning: How Vulnerable Are Automatic Speaker Verification Systems to Spoofing Trials?. <i>IEEE Communications Magazine</i> , 2020, 58, 100-105.	4.9	23
31	Performance of Cooperative Communication System With Multiple Reconfigurable Intelligent Surfaces Over Nakagami- m Fading Channels. <i>IEEE Access</i> , 2022, 10, 9806-9816.	2.6	23
32	Pattern Recognition Methods and Features Selection for Speech Emotion Recognition System. <i>Scientific World Journal</i> , The, 2015, 2015, 1-7.	0.8	21
33	Energy Harvesting-based Spectrum Access with Incremental Cooperation, Relay Selection and Hardware Noises. <i>Radioengineering</i> , 2017, 26, 240-250.	0.3	21
34	Security and Reliability Analysis of a Two-Way Half-Duplex Wireless Relaying Network Using Partial Relay Selection and Hybrid TPSR Energy Harvesting at Relay Nodes. <i>IEEE Access</i> , 2020, 8, 187165-187181.	2.6	21
35	A Survey on Wireless Sensor Networks. <i>Advances in Information Security, Privacy, and Ethics Book Series</i> , 2015, , 171-210.	0.4	21
36	Mobility prediction in wireless cellular networks for the optimization of Call Admission Control schemes. , 2014, , .		20

#	ARTICLE	IF	CITATIONS
37	Adaptive Energy Harvesting Relaying Protocol for Two-Way Half-Duplex System Network over Rician Fading Channels. <i>Wireless Communications and Mobile Computing</i> , 2018, 2018, 1-10.	0.8	20
38	E-model MOS Estimate Improvement through Jitter Buffer Packet Loss Modelling. <i>Advances in Electrical and Electronic Engineering</i> , 2011, 9, .	0.2	20
39	Toward Designing a Quantum Key Distribution Network Simulation Model. <i>Advances in Electrical and Electronic Engineering</i> , 2016, 14, .	0.2	20
40	Effective Packet Loss Estimation on VoIP Jitter Buffer. <i>Lecture Notes in Computer Science</i> , 2012, , 157-162.	1.0	19
41	Relay selection for SWIPT: Performance analysis of optimization problems and the trade-off between ergodic capacity and energy harvesting. <i>AEU - International Journal of Electronics and Communications</i> , 2018, 85, 59-67.	1.7	19
42	Performance Analysis of a User Selection Protocol in Cooperative Networks with Power Splitting Protocol-Based Energy Harvesting Over Nakagami-m/Rayleigh Channels. <i>Electronics (Switzerland)</i> , 2019, 8, 448.	1.8	19
43	Secrecy Performance Enhancement for Underlay Cognitive Radio Networks Employing Cooperative Multi-Hop Transmission with and without Presence of Hardware Impairments. <i>Entropy</i> , 2019, 21, 217.	1.1	19
44	High utility-itemset mining and privacy-preserving utility mining. <i>Perspectives in Science</i> , 2016, 7, 74-80.	0.6	17
45	Security Verification of Artificial Neural Networks Used to Error Correction in Quantum Cryptography. , 2018, , .		17
46	Cooperative Communications for Improving the Performance of Bidirectional Full-Duplex System With Multiple Reconfigurable Intelligent Surfaces. <i>IEEE Access</i> , 2021, 9, 134733-134742.	2.6	17
47	Performance Enhancement for Full-Duplex Relaying with Time-Switching-Based SWIPT in Wireless Sensors Networks. <i>Sensors</i> , 2021, 21, 3847.	2.1	16
48	Outage Performance of Satellite Terrestrial Full-Duplex Relaying Networks With co-Channel Interference. <i>IEEE Wireless Communications Letters</i> , 2022, 11, 1478-1482.	3.2	16
49	Security Analysis System to Detect Threats on a SIP VoIP Infrastructure Elements. <i>Advances in Electrical and Electronic Engineering</i> , 2011, 9, .	0.2	15
50	Development of a speech quality monitoring tool based on ITU-T P.862. , 2011, , .		14
51	Analysis of Probability of Non-zero Secrecy Capacity for Multi-hop Networks in Presence of Hardware Impairments over Nakagami-m Fading Channels. <i>Radioengineering</i> , 2016, 25, 774-782.	0.3	14
52	Throughput Analysis in Relaying Cooperative Systems Considering Time-switching with NOMA. , 2018, , .		14
53	Power splitting-based energy harvesting protocol for wireless-powered communication networks with a bidirectional relay. <i>International Journal of Communication Systems</i> , 2018, 31, e3721.	1.6	14
54	Multi-Points Cooperative Relay in NOMA System with N-1 DF Relaying Nodes in HD/FD Mode for N User Equipments with Energy Harvesting. <i>Electronics (Switzerland)</i> , 2019, 8, 167.	1.8	14

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55	Multisource Power Splitting Energy Harvesting Relaying Network in Half-Duplex System over Block Rayleigh Fading Channel: System Performance Analysis. <i>Electronics (Switzerland)</i> , 2019, 8, 67.	1.8	14
56	SWIPT Model Adopting a PS Framework to Aid IoT Networks Inspired by the Emerging Cooperative NOMA Technique. <i>IEEE Access</i> , 2021, 9, 61489-61512.	2.6	14
57	Wireless powered D2D communications underlying cellular networks: design and performance of the extended coverage. <i>Automatika</i> , 2017, 58, 391-399.	1.2	13
58	Reliable and Secure Transmission in Multiple Antennas Hybrid Satellite-Terrestrial Cognitive Networks Relying on NOMA. <i>IEEE Access</i> , 2020, 8, 215044-215056.	2.6	13
59	Security–Reliability Tradeoff Analysis for SWIPT- and AF-Based IoT Networks With Friendly Jammers. <i>IEEE Internet of Things Journal</i> , 2022, 9, 21662-21675.	5.5	13
60	Broadcasting in Cognitive Radio Networks: A Fountain Codes Approach. <i>IEEE Transactions on Vehicular Technology</i> , 2022, 71, 11289-11294.	3.9	13
61	Hybrid full-duplex/half-duplex relay selection scheme with optimal power under individual power constraints and energy harvesting. <i>Computer Communications</i> , 2018, 124, 31-44.	3.1	12
62	Integration of a Self-Organizing Map and a Virtual Pheromone for Real-Time Abnormal Movement Detection in Marine Traffic. <i>Informatica</i> , 2017, 28, 359-374.	1.5	12
63	Fundamental Frequency Extraction Method using Central Clipping and its Importance for the Classification of Emotional State. <i>Advances in Electrical and Electronic Engineering</i> , 2012, 10, .	0.2	12
64	Performance Evaluation of User Selection Protocols in Random Networks with Energy Harvesting and Hardware Impairments. <i>Advances in Electrical and Electronic Engineering</i> , 2016, 14, .	0.2	12
65	Location Accuracy of Commercial IP Address Geolocation Databases. <i>Information Technology and Control</i> , 2017, 46, .	1.1	12
66	Partial and Full Relay Selection Algorithms for AF Multi-Relay Full-Duplex Networks With Self-Energy Recycling in Non-Identically Distributed Fading Channels. <i>IEEE Transactions on Vehicular Technology</i> , 2022, 71, 6173-6188.	3.9	12
67	IoT Smart Home Concept. , 2018, , .		11
68	Hybrid TSR–PSR Alternate Energy Harvesting Relay Network over Rician Fading Channels: Outage Probability and SER Analysis. <i>Sensors</i> , 2018, 18, 3839.	2.1	11
69	Wireless-Powered Cooperative MIMO NOMA Networks: Design and Performance Improvement for Cell-Edge Users. <i>Electronics (Switzerland)</i> , 2019, 8, 328.	1.8	11
70	Research Trends and Challenges for Network-Based ICT Systems. <i>Wireless Personal Communications</i> , 2015, 85, 1-7.	1.8	10
71	Secrecy Performance of TAS/SC-Based Multi-Hop Harvest-to-Transmit Cognitive WSNs Under Joint Constraint of Interference and Hardware Imperfection. <i>Sensors</i> , 2019, 19, 1160.	2.1	10
72	A Study of Physical Layer Security in SWIPT-Based Decode-and-Forward Relay Networks with Dynamic Power Splitting. <i>Sensors</i> , 2021, 21, 5692.	2.1	10

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73	Network Performance QoS Prediction. Advances in Intelligent Systems and Computing, 2014, , 165-174.	0.5	10
74	Calculation of the Key Length for Quantum Key Distribution. Elektronika Ir Elektrotehnika, 2015, 21, .	0.4	10
75	Security-Reliability Analysis of Noma-Based Multi-Hop Relay Networks in Presence of an Active Eavesdropper with Imperfect Eavesdropping CSI. Advances in Electrical and Electronic Engineering, 2017, 15, .	0.2	10
76	Rateless Codes-Based Secure Communication Employing Transmit Antenna Selection and Harvest-To-Jam under Joint Effect of Interference and Hardware Impairments. Entropy, 2019, 21, 700.	1.1	9
77	Power Beacon-Assisted Energy Harvesting in a Half-Duplex Communication Network under Co-Channel Interference over a Rayleigh Fading Environment: Energy Efficiency and Outage Probability Analysis. Energies, 2019, 12, 2579.	1.6	9
78	Exploiting Impact of Hardware Impairments in NOMA: Adaptive Transmission Mode in FD/HD and Application in Internet-of-Things. Sensors, 2019, 19, 1293.	2.1	9
79	Outage Performance Analysis and SWIPT Optimization in Energy-Harvesting Wireless Sensor Network Deploying NOMA. Sensors, 2019, 19, 613.	2.1	9
80	A deep stochastic and predictive analysis of users mobility based on Auto-Regressive processes and pairing functions. Journal of Network and Computer Applications, 2020, 168, 102778.	5.8	9
81	On packet marking and Markov modeling for IP Traceback: A deep probabilistic and stochastic analysis. Computer Networks, 2020, 182, 107464.	3.2	9
82	Joint User Grouping and Decoding Order in Uplink/Downlink MISO/SIMO-NOMA. IEEE Access, 2020, 8, 143632-143643.	2.6	9
83	Throughput Enhancement in FD- and SWIPT-Enabled IoT Networks Over Nonidentical Rayleigh Fading Channels. IEEE Internet of Things Journal, 2022, 9, 10172-10186.	5.5	9
84	SIP Back to Back User Benchmarking. , 2010, , .		8
85	Monitoring the quality of speech in the communication system BESIP. , 2012, , .		8
86	QoE prediction model for multimedia services in IP network applying queuing policy. , 2014, , .		8
87	On Performance Analysis of NOMA-Aided Hybrid Satellite Terrestrial Relay With Application in Small-Cell Network. IEEE Access, 2020, 8, 188526-188537.	2.6	8
88	On secure system performance over SISO, MISO and MIMO-NOMA wireless networks equipped a multiple antenna based on TAS protocol. Eurasip Journal on Wireless Communications and Networking, 2020, 2020, .	1.5	8
89	Emerging cooperative MIMO-NOMA networks combining TAS and SWIPT protocols assisted by an AF-VG relaying protocol with instantaneous amplifying factor maximization. AEU - International Journal of Electronics and Communications, 2021, 135, 153695.	1.7	8
90	Speech Emotions Recognition Using 2-D Neural Classifier. Advances in Intelligent Systems and Computing, 2013, , 221-231.	0.5	8

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91	Analysis of MRT/MRC diversity techniques to enhance the detection performance for MIMO signals in full-duplex wireless relay networks with transceiver hardware impairment. <i>Physical Communication</i> , 2020, 42, 101132.	1.2	8
92	Two-Way Half Duplex Decode and Forward Relaying Network with Hardware Impairment over Rician Fading Channel: System Performance Analysis. <i>Elektronika Ir Elektrotehnika</i> , 2018, 24, .	0.4	8
93	Automatic analysis of attack data from distributed honeypot network. <i>Proceedings of SPIE</i> , 2013, , .	0.8	7
94	Advanced Approach of Multiagent Based Buoy Communication. <i>Scientific World Journal, The</i> , 2015, 2015, 1-6.	0.8	7
95	On the Performance of Power Splitting Energy Harvested Wireless Full-Duplex Relaying Network with Imperfect CSI over Dissimilar Channels. <i>Security and Communication Networks</i> , 2018, 2018, 1-11.	1.0	7
96	Outage performance of time switching energy harvesting wireless sensor networks deploying NOMA. , 2018, , .		7
97	HD/FD and DF/AF with Fixed-Gain or Variable-Gain Protocol Switching Mechanism over Cooperative NOMA for Green-Wireless Networks. <i>Sensors</i> , 2019, 19, 1845.	2.1	7
98	Optimization issues for data rate in energy harvesting relay-enabled cognitive sensor networks. <i>Computer Networks</i> , 2019, 157, 29-40.	3.2	7
99	Secrecy Performance of Underlay Cooperative Cognitive Network Using Non-Orthogonal Multiple Access with Opportunistic Relay Selection. <i>Symmetry</i> , 2019, 11, 385.	1.1	7
100	Usability of Destination-Sequenced Distance Vector Routing Protocol Routes. , 2019, , .		7
101	Study of the Efficiency of Fog Computing in an Optimized LoRaWAN Cloud Architecture. <i>Sensors</i> , 2021, 21, 3159.	2.1	7
102	Security-Reliability Trade-Off Analysis for Rateless Codes-Based Relaying Protocols Using NOMA, Cooperative Jamming and Partial Relay Selection. <i>IEEE Access</i> , 2021, 9, 131087-131108.	2.6	7
103	Prediction Based Context Data Dissemination and Storage Model for Cooperative Vehicular Networks. <i>Advances in Intelligent Systems and Computing</i> , 2014, , 21-30.	0.5	7
104	Automatic Classification of Attacks on IP Telephony. <i>Advances in Electrical and Electronic Engineering</i> , 2013, 11, .	0.2	7
105	Time Switching for Wireless Communications with Full-Duplex Relaying in Imperfect CSI Condition. <i>KSII Transactions on Internet and Information Systems</i> , 2016, 10, .	0.7	7
106	Calculation of the Key Length for Quantum Key Distribution. <i>Elektronika Ir Elektrotehnika</i> , 2015, 21, .	0.4	7
107	Network performance QoS estimation. , 2015, , .		6
108	Advanced solution of SIP communication server with a new approach to management. <i>Telecommunication Systems</i> , 2015, 59, 541-549.	1.6	6

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109	Impact of packet size variation in overlay quantum key distribution network. , 2016, , .		6
110	A brief review of revocable ID-based public key cryptosystem. Perspectives in Science, 2016, 7, 81-86.	0.6	6
111	Prediction of Speech Quality Based on Resilient Backpropagation Artificial Neural Network. Wireless Personal Communications, 2017, 96, 5375-5389.	1.8	6
112	Human Abnormal Behavior Impact on Speaker Verification Systems. IEEE Access, 2018, 6, 40120-40127.	2.6	6
113	SIP Registration Burst Load Test. Communications in Computer and Information Science, 2011, , 329-336.	0.4	6
114	On Outage Probability and Throughput Performance of Cognitive Radio Inspired NOMA Relay System. Advances in Electrical and Electronic Engineering, 2018, 16, .	0.2	6
115	Outage Analysis of the Power Splitting Based Underlay Cooperative Cognitive Radio Networks. Sensors, 2021, 21, 7653.	2.1	6
116	LoRaWAN End Nodes: Security and Energy Efficiency Analysis. AEJ - Alexandria Engineering Journal, 2022, 61, 8997-9009.	3.4	6
117	Embedded multiplatform SIP server solution. , 2012, , .		5
118	Communication Technologies for the Improvement of Marine Transportation Operations. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 469-474.	0.4	5
119	Hiding data in SIP session. , 2015, , .		5
120	Whispering through DDoS attack. Perspectives in Science, 2016, 7, 95-100.	0.6	5
121	Optimal Time Switching-Based Policies for Efficient Transmit Power in Wireless Energy Harvesting Small Cell Cognitive Relaying Networks. Wireless Personal Communications, 2018, 99, 1605-1624.	1.8	5
122	A decentralized ITS architecture for efficient distribution of traffic task management. , 2018, , .		5
123	Power-Splitting Protocol in Power Beacon-assisted Energy Harvesting Full-Duplex Relaying Networks: Performance Analysis. , 2018, , .		5
124	Multi-source in DF cooperative networks with the PSR protocol based full-duplex energy harvesting over a Rayleigh fading channel: performance analysis. Proceedings of the Estonian Academy of Sciences, 2019, 68, 264.	0.9	5
125	Enabling Non-Linear Energy Harvesting in Power Domain Based Multiple Access in Relaying Networks: Outage and Ergodic Capacity Performance Analysis. Electronics (Switzerland), 2019, 8, 817.	1.8	5
126	Outage Probability Analysis in Relaying Cooperative Systems with NOMA Considering Power Splitting. Symmetry, 2019, 11, 72.	1.1	5

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127	Application of Neural Network Predictive Control Methods to Solve the Shipping Container Sway Control Problem in Quay Cranes. IEEE Access, 2021, 9, 78253-78265.	2.6	5
128	Enhancing Spectrum Efficiency for Multiple Users in Hybrid Satellite-Terrestrial Networks. IEEE Access, 2021, 9, 50291-50300.	2.6	5
129	Switchable Coupled Relays Aid Massive Non-Orthogonal Multiple Access Networks with Transmit Antenna Selection and Energy Harvesting. Sensors, 2021, 21, 1101.	2.1	5
130	A Methodology for Measuring Voice Quality Using PESQ and Interactive Voice Response in the GSM Channel Designed by OpenBTS. Advances in Electrical and Electronic Engineering, 2013, 11, .	0.2	5
131	Network Degradation Effects on Different Codec Types and Characteristics of Video Streaming. Advances in Electrical and Electronic Engineering, 2014, 12, .	0.2	5
132	An Evolutionary Algorithm to Mine High-Utility Itemsets. Advances in Electrical and Electronic Engineering, 2015, 13, .	0.2	5
133	Development of Method for Service Support Management in Vehicular Communication Networks. Advances in Electrical and Electronic Engineering, 2017, 15, .	0.2	5
134	Measurement of Switching Latency in High Data Rate Ethernet Networks. Elektronika Ir Elektrotehnika, 2015, 21, .	0.4	5
135	Updated approach to SIP benchmarking. , 2012, , .		4
136	Recognizing emotions from human speech using 2-D neural classifier and influence the selection of input parameters on its accuracy. , 2013, , .		4
137	Design and implementation of Czech database of speech emotions. , 2014, , .		4
138	Impact of hardware impairments in AF relaying network for WIPT: TSR and performance analysis. , 2016, , .		4
139	On using multiple routing metrics with destination sequenced distance vector protocol for MultiHop wireless ad hoc networks. Proceedings of SPIE, 2016, , .	0.8	4
140	Successful transmission probability of cognitive device-to-device communications underlying cellular networks in the presence of hardware impairments. Eurasip Journal on Wireless Communications and Networking, 2017, 2017, .	1.5	4
141	Prediction of Subjective Video Quality Based on Objective Assessment. , 2018, , .		4
142	Outage Probability Analysis in Multiple-Relay Networks for Wireless Energy Harvesting. , 2018, , .		4
143	Cognitive Radio Assisted Non-Orthogonal Multiple Access: Outage Performance. , 2019, , .		4
144	Secrecy Performance Analysis of Cooperative MISO NOMA Networks Over Nakagami- m Fading. IETE Journal of Research, 2022, 68, 1183-1194.	1.8	4

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145	Energy harvesting based two-way full-duplex relaying network over a Rician fading environment: performance analysis. Proceedings of the Estonian Academy of Sciences, 2019, 68, 111.	0.9	4
146	Improving Performance of Far Users in Cognitive Radio: Exploiting NOMA and Wireless Power Transfer. Energies, 2019, 12, 2206.	1.6	4
147	Half-Duplex Energy Harvesting Relay Network over Different Fading Environment: System Performance with Effect of Hardware Impairment. Applied Sciences (Switzerland), 2019, 9, 2283.	1.3	4
148	Power-Splitting Protocol Non-Orthogonal Multiple Access (NOMA) in 5G Systems. , 2019, , .		4
149	Population data mobility retrieval at territory of Czechia in pandemic COVID-19 period. Concurrency Computation Practice and Experience, 2021, 33, e6105.	1.4	4
150	Isolated Word Automatic Speech Recognition System. Communications in Computer and Information Science, 2020, , 252-264.	0.4	4
151	Adaptive multiple access assists multiple users over multiple-input-multiple-output non-orthogonal multiple access wireless networks. International Journal of Communication Systems, 2021, 34, e4803.	1.6	4
152	UAV Based Satellite-Terrestrial Systems With Hardware Impairment and Imperfect SIC: Performance Analysis of User Pairs. IEEE Access, 2021, 9, 117925-117937.	2.6	4
153	Development of the Real Time Situation Identification Model for Adaptive Service Support in Vehicular Communication Networks Domain. Advances in Electrical and Electronic Engineering, 2013, 11, .	0.2	4
154	Speech Quality Measurement of GSM Infrastructure Built on USRP N210 and OpenBTS Project. Advances in Electrical and Electronic Engineering, 2014, 12, .	0.2	4
155	Discovering Periodic Itemsets Using Novel Periodicity Measures. Advances in Electrical and Electronic Engineering, 2019, 17, .	0.2	4
156	RESEARCH ON SHIP AUTONOMOUS STEERING CONTROL FOR SHORT-SEA SHIPPING PROBLEMS. Transport, 2017, 32, 198-208.	0.6	4
157	Communication Model of Smart Substation for Cyber-Detection Systems. Communications in Computer and Information Science, 2019, , 256-271.	0.4	4
158	Use Case of Quay Crane Container Handling Operations Monitoring using ICT to Detect Abnormalities in Operator Actions. , 2020, , .		4
159	An Innovative Dynamic Mobility Sampling Scheme Based on Multiresolution Wavelet Analysis in IoT Networks. IEEE Internet of Things Journal, 2022, 9, 11336-11350.	5.5	4
160	Detecting Shipping Container Impacts with Vertical Cell Guides inside Container Ships during Handling Operations. Sensors, 2022, 22, 2752.	2.1	4
161	Simulations of Denial of Service Attacks in Quantum Key Distribution Networks. , 2022, , .		4
162	Malicious traffic monitoring and its evaluation in VoIP infrastructure. , 2012, , .		3

#	ARTICLE	IF	CITATIONS
163	Analysis of Cisco and Huawei routers cooperation for MPLS network design. , 2014, , .		3
164	Calculation of key reduction for B92 QKD protocol. , 2015, , .		3
165	Self-organizing map classifier for stressed speech recognition. Proceedings of SPIE, 2016, , .	0.8	3
166	Impact of hardware impairments for power splitting relay with wireless information and EH. , 2016, , .		3
167	Employing the neural networks to parametrically assess the quality of a voice call. , 2016, , .		3
168	Performance of time switching based energy harvesting for amplify-and-forward half-duplex relaying with hardware impairment. , 2017, , .		3
169	On the Performance of Decode-and-Forward Half-Duplex Relaying with Time Switching Based Energy Harvesting in the Condition of Hardware Impairment. Advances in Intelligent Systems and Computing, 2017, , 421-430.	0.5	3
170	Self-Powered Wireless Two-Way Relaying Networks: Model and Throughput Performance with Three Practical Schemes. Wireless Personal Communications, 2017, 97, 613-631.	1.8	3
171	An Optimal Analysis in Wireless Powered Full-duplex Relaying Network. Radioengineering, 2017, 26, 369-375.	0.3	3
172	Outage Probability Analysis of Power Splitting Power-Beacon Assisted Energy Harvesting Relay Wireless Communication Networks. , 2018, , .		3
173	Multi-Classifer Speech Emotion Recognition System. , 2018, , .		3
174	DeepVoCoder: A CNN Model for Compression and Coding of Narrow Band Speech. IEEE Access, 2019, 7, 75081-75089.	2.6	3
175	On Secure QoS-based NOMA Networks with Multiple Antennas and Eavesdroppers over Nakagami- m Fading. IETE Journal of Research, 2022, 68, 436-448.	1.8	3
176	Adaptive Reservation of Network Resources According to Video Classification Scenes. Sensors, 2021, 21, 1949.	2.1	3
177	Creating Covert Channel Using SIP. Communications in Computer and Information Science, 2014, , 182-192.	0.4	3
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