

Miroslav Voznak

List of Publications by Year in Descending Order

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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.

270 papers	1,466 citations	17 h-index	26 g-index
358 ext. papers	2,049 ext. citations	2 avg, IF	5.42 L-index

#	Paper	IF	Citations
270	Performance of Cooperative Communication System With Multiple Reconfigurable Intelligent Surfaces Over Nakagami-m Fading Channels. <i>IEEE Access</i> , 2022 , 10, 9806-9816	3.5	2
269	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 , 1-1	6.8	2
268	Design of Relay Switching to Combat an Eavesdropper in IoT-NOMA Wireless Networks. <i>Future Internet</i> , 2022 , 14, 71	3.3	1
267	LoRaWAN End Nodes: Security and Energy Efficiency Analysis. <i>AEJ - Alexandria Engineering Journal</i> , 2022 , 61, 8997-9009	6.1	0
266	Outage Performance of Satellite Terrestrial Full-Duplex Relaying Networks with Co-Channel Interference. <i>IEEE Wireless Communications Letters</i> , 2022 , 1-1	5.9	1
265	An Innovative Dynamic Mobility Sampling Scheme Based on Multi-Resolution Wavelet Analysis in IoT Networks. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	2
264	Throughput Enhancement in FD-and SWIPT-enabled IoT Networks over Non-Identical Rayleigh Fading Channels. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	3
263	Container Handling Operation Modeling and Estimation. <i>Communications in Computer and Information Science</i> , 2021 , 279-289	0.3	
262	Adaptive multiple access assists multiple users over multiple-input-multiple-output non-orthogonal multiple access wireless networks. <i>International Journal of Communication Systems</i> , 2021 , 34, e4803	1.7	3
261	A new perceptual evaluation method of video quality based on neural network. <i>Intelligent Data Analysis</i> , 2021 , 25, 571-587	1.1	1
260	Study of the Efficiency of Fog Computing in an Optimized LoRaWAN Cloud Architecture. <i>Sensors</i> , 2021 , 21,	3.8	3
259	Emerging cooperative MIMO-NOMA networks combining TAS and SWIPT protocols assisted by an AF-VG relaying protocol with instantaneous amplifying factor maximization. <i>AEU - International Journal of Electronics and Communications</i> , 2021 , 135, 153695	2.8	4
258	Performance Enhancement for Full-Duplex Relaying with Time-Switching-Based SWIPT in Wireless Sensors Networks. <i>Sensors</i> , 2021 , 21,	3.8	5
257	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	3.5	5
256	Cooperative Communications for Improving the Performance of Bidirectional Full-Duplex System With Multiple Reconfigurable Intelligent Surfaces. <i>IEEE Access</i> , 2021 , 1-1	3.5	2
255	Application of Neural Network Predictive Control Methods to Solve the Shipping Container Sway Control Problem in Quay Cranes. <i>IEEE Access</i> , 2021 , 1-1	3.5	2
254	Performance Analysis of Clustering Car-Following V2X System with Wireless Power Transfer and Massive Connections. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	10

253	Enhancing Spectrum Efficiency for Multiple Users in Hybrid Satellite-Terrestrial Networks. <i>IEEE Access</i> , 2021 , 1-1	3.5	2
252	Energy-Efficient Clustering Multi-Hop Routing Protocol in a UWSN. <i>Sensors</i> , 2021 , 21,	3.8	14
251	Enabling NOMA in Backscatter Reconfigurable Intelligent Surfaces-Aided Systems. <i>IEEE Access</i> , 2021 , 9, 33782-33795	3.5	10
250	Reconfigurable Intelligent Surface Aided Multi-User Communications: State-of-the-Art Techniques and Open Issues. <i>IEEE Access</i> , 2021 , 9, 118584-118605	3.5	7
249	Switchable Coupled Relays Aid Massive Non-Orthogonal Multiple Access Networks with Transmit Antenna Selection and Energy Harvesting. <i>Sensors</i> , 2021 , 21,	3.8	3
248	A Study of Physical Layer Security in SWIPT-Based Decode-and-Forward Relay Networks with Dynamic Power Splitting. <i>Sensors</i> , 2021 , 21,	3.8	3
247	UAV Based Satellite-Terrestrial Systems With Hardware Impairment and Imperfect SIC: Performance Analysis of User Pairs. <i>IEEE Access</i> , 2021 , 9, 117925-117937	3.5	2
246	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	3.5	1
245	An Adaptive Method for Inspecting Illumination of Color Intensity in Transparent Polyethylene Terephthalate Preforms. <i>IEEE Access</i> , 2020 , 8, 83189-83198	3.5	2
244	On secure system performance over SISO, MISO and MIMO-NOMA wireless networks equipped a multiple antenna based on TAS protocol. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2020 , 2020,	3.2	7
243	Deep Learning Serves Voice Cloning: How Vulnerable Are Automatic Speaker Verification Systems to Spoofing Trials?. <i>IEEE Communications Magazine</i> , 2020 , 58, 100-105	9.1	11
242	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	5.4	16
241	Secrecy Outage Probability of a NOMA Scheme and Impact Imperfect Channel State Information in Underlay Cooperative Cognitive Networks. <i>Sensors</i> , 2020 , 20,	3.8	2
240	. <i>IEEE Access</i> , 2020 , 8, 215044-215056	3.5	6
239	Quantum Key Distribution. <i>ACM Computing Surveys</i> , 2020 , 53, 1-41	13.4	27
238	Enabling Wireless Power Transfer and Multiple Antennas Selection to IoT Network Relying on NOMA. <i>Elektronika Ir Elektrotechnika</i> , 2020 , 26, 59-65	1.7	3
237	A New Protocol for Energy Harvesting Decode-and-Forward Relaying Networks. <i>Lecture Notes in Electrical Engineering</i> , 2020 , 693-704	0.2	
236	Use Case of Quay Crane Container Handling Operations Monitoring using ICT to Detect Abnormalities in Operator Actions 2020 ,		2

235	Symbol Error Probability of Secondary User in Underlay Cognitive Radio Networks with Adaptive Transmit Power Constraint. <i>Communications in Computer and Information Science</i> , 2020 , 307-319	0.3	
234	Optimal Mapping Function for Predictions of the Subjective Quality Evaluation Using Artificial Intelligence. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 263-275	0.4	0
233	Error Reconciliation in Quantum Key Distribution Protocols. <i>Lecture Notes in Computer Science</i> , 2020 , 222-236	0.9	13
232	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	2.2	5
231	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	3.8	13
230	A deep stochastic and predictive analysis of users mobility based on Auto-Regressive processes and pairing functions. <i>Journal of Network and Computer Applications</i> , 2020 , 168, 102778	7.9	1
229	Population data mobility retrieval at territory of Czechia in pandemic COVID-19 period. <i>Concurrency Computation Practice and Experience</i> , 2020 , e6105	1.4	
228	Secrecy outage performance of multi-hop LEACH networks using power beacon aided cooperative jamming with jammer selection methods. <i>AEU - International Journal of Electronics and Communications</i> , 2020 , 124, 153357	2.8	
227	Energy Efficiency Maximization of Two-Time-Slot and Three-Time-Slot Two-Way Relay-Assisted Device-to-Device Underlying Cellular Networks. <i>Energies</i> , 2020 , 13, 3422	3.1	2
226	On packet marking and Markov modeling for IP Traceback: A deep probabilistic and stochastic analysis. <i>Computer Networks</i> , 2020 , 182, 107464	5.4	2
225	Isolated Word Automatic Speech Recognition System. <i>Communications in Computer and Information Science</i> , 2020 , 252-264	0.3	2
224	Correction to "An Adaptive Method for Inspecting Illumination of Color Intensity in Transparent Polyethylene Terephthalate Preforms". <i>IEEE Access</i> , 2020 , 8, 163365-163365	3.5	
223	. <i>IEEE Access</i> , 2020 , 8, 187165-187181	3.5	11
222	On Performance Analysis of NOMA-Aided Hybrid Satellite Terrestrial Relay With Application in Small-Cell Network. <i>IEEE Access</i> , 2020 , 8, 188526-188537	3.5	4
221	UAV Relaying Enabled NOMA Network With Hybrid Duplexing and Multiple Antennas. <i>IEEE Access</i> , 2020 , 8, 186993-187007	3.5	17
220	. <i>IEEE Access</i> , 2020 , 8, 164347-164364	3.5	14
219	Joint User Grouping and Decoding Order in Uplink/Downlink MISO/SIMO-NOMA. <i>IEEE Access</i> , 2020 , 8, 143632-143643	3.5	3
218	Outage and Intercept Probability Analysis for Energy-Harvesting-Based Half-Duplex Relay Networks Assisted by Power Beacon Under the Existence of Eavesdropper. <i>Lecture Notes in Electrical Engineering</i> , 2020 , 821-834	0.2	

217	Throughput Analysis of Power Beacon-Aided Multi-hop Relaying Networks Employing Non-orthogonal Multiple Access with Hardware Impairments. <i>Lecture Notes in Electrical Engineering</i> , 2020 , 371-381	0.2	0
216	Proposal and Implementation of Probe for Sigfox Technology. <i>Lecture Notes in Electrical Engineering</i> , 2020 , 420-428	0.2	2
215	Protecting Gateway from ABP Replay Attack on LoRaWAN. <i>Lecture Notes in Electrical Engineering</i> , 2020 , 400-408	0.2	1
214	Average Bit Error Probability Analysis for Cooperative DF Relaying in Wireless Energy Harvesting Networks. <i>Lecture Notes in Electrical Engineering</i> , 2020 , 705-714	0.2	
213	Development of a Distributed VoIP Honeypot System with Advanced Malicious Traffic Detection. <i>Lecture Notes in Electrical Engineering</i> , 2020 , 409-419	0.2	
212	An Examination of Outage Performance for Selected Relay and Fixed Relay in Cognitive Radio-Aided NOMA. <i>Lecture Notes in Electrical Engineering</i> , 2020 , 359-370	0.2	
211	Power Beacon-Based Wireless Power Transfer in MISO/SISO: An Application in Device-to-Device Networks. <i>Wireless Personal Communications</i> , 2020 , 110, 381-402	1.9	0
210	Risk Assessment Approach to Estimate Security of Cryptographic Keys in Quantum Cryptography. <i>Lecture Notes in Electrical Engineering</i> , 2020 , 114-124	0.2	
209	Energy harvesting-enabled relaying networks 2020 , 225-264		
208	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	2.6	14
207	Energy harvesting based two-way full-duplex relaying network over a Rician fading environment: performance analysis. <i>Proceedings of the Estonian Academy of Sciences</i> , 2019 , 68, 111	1.6	4
206	Improving Performance of Far Users in Cognitive Radio: Exploiting NOMA and Wireless Power Transfer. <i>Energies</i> , 2019 , 12, 2206	3.1	4
205	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,	3.8	7
204	Optimization issues for data rate in energy harvesting relay-enabled cognitive sensor networks. <i>Computer Networks</i> , 2019 , 157, 29-40	5.4	3
203	Wireless-Powered Cooperative MIMO NOMA Networks: Design and Performance Improvement for Cell-Edge Users. <i>Electronics (Switzerland)</i> , 2019 , 8, 328	2.6	6
202	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,	3.8	6
201	Exploiting Impact of Hardware Impairments in NOMA: Adaptive Transmission Mode in FD/HD and Application in Internet-of-Things. <i>Sensors</i> , 2019 , 19,	3.8	7
200	On Secure QoS-based NOMA Networks with Multiple Antennas and Eavesdroppers over Nakagami-m Fading. <i>IETE Journal of Research</i> , 2019 , 1-13	0.9	1

199	Secrecy Performance of Underlay Cooperative Cognitive Network Using Non-Orthogonal Multiple Access with Opportunistic Relay Selection. <i>Symmetry</i> , 2019 , 11, 385	2.7	5
198	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,	2.8	12
197	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	2.6	12
196	NOMA-Assisted Multiple Access Scheme for IoT Deployment: Relay Selection Model and Secrecy Performance Improvement. <i>Sensors</i> , 2019 , 19,	3.8	34
195	Outage Performance Analysis and SWIPT Optimization in Energy-Harvesting Wireless Sensor Network Deploying NOMA. <i>Sensors</i> , 2019 , 19,	3.8	6
194	Multi-source in DF cooperative networks with the PSR protocol based full-duplex energy harvesting over a Rayleigh fading channel: performance analysis. <i>Proceedings of the Estonian Academy of Sciences</i> , 2019 , 68, 264	1.6	5
193	Cognitive Radio Assisted Non-Orthogonal Multiple Access: Outage Performance 2019 ,		1
192	Rateless Codes-Based Secure Communication Employing Transmit Antenna Selection and Harvest-To-Jam under Joint Effect of Interference and Hardware Impairments. <i>Entropy</i> , 2019 , 21,	2.8	4
191	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. <i>Energies</i> , 2019 , 12, 2579	3.1	7
190	Secrecy Performance Analysis of Cooperative MISO NOMA Networks Over Nakagami-m Fading. <i>IETE Journal of Research</i> , 2019 , 1-12	0.9	2
189	Enabling Non-Linear Energy Harvesting in Power Domain Based Multiple Access in Relaying Networks: Outage and Ergodic Capacity Performance Analysis. <i>Electronics (Switzerland)</i> , 2019 , 8, 817	2.6	4
188	DeepVoCoder: A CNN Model for Compression and Coding of Narrow Band Speech. <i>IEEE Access</i> , 2019 , 7, 75081-75089	3.5	1
187	Discovering Periodic Itemsets Using Novel Periodicity Measures. <i>Advances in Electrical and Electronic Engineering</i> , 2019 , 17,	1.5	4
186	Performance Analysis on Wireless Power Transfer Wireless Sensor Network with Best AF Relay Selection over Nakagami-m Fading. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2019 , 193-204	0.2	
185	Communication Model of Smart Substation for Cyber-Detection Systems. <i>Communications in Computer and Information Science</i> , 2019 , 256-271	0.3	0
184	On Secure Cooperative Non-orthogonal Multiple Access Network with RF Power Transfer. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2019 , 117-129	0.2	1
183	Outage Probability Analysis in Relaying Cooperative Systems with NOMA Considering Power Splitting. <i>Symmetry</i> , 2019 , 11, 72	2.7	5
182	Usability of Destination-Sequenced Distance Vector Routing Protocol Routes 2019 ,		4

181	Half-Duplex Energy Harvesting Relay Network over Different Fading Environment: System Performance with Effect of Hardware Impairment. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 2283	2.6	3
180	Power-Splitting Protocol Non-Orthogonal Multiple Access (NOMA) in 5G Systems 2019 ,		4
179	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	2.6	8
178	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	4.8	27
177	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	5.1	8
176	Exact outage probability of two-way decode-and-forward NOMA scheme with digital network coding 2018 ,		1
175	Optimal Time Switching-Based Policies for Efficient Transmit Power in Wireless Energy Harvesting Small Cell Cognitive Relaying Networks. <i>Wireless Personal Communications</i> , 2018 , 99, 1605-1624	1.9	5
174	Exact Outage Probability of Two-Way Decode-and-Forward Scheme with Energy Harvesting from Intermediate Relaying Station. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2018 , 155-166	0.2	
173	On the Outage Probability of Device-to-Device Communication Enabled NOMA. <i>Advances in Intelligent Systems and Computing</i> , 2018 , 629-635	0.4	
172	Human Abnormal Behavior Impact on Speaker Verification Systems. <i>IEEE Access</i> , 2018 , 6, 40120-40127	3.5	4
171	Energy Harvesting over Rician Fading Channel: A Performance Analysis for Half-Duplex Bidirectional Sensor Networks under Hardware Impairments. <i>Sensors</i> , 2018 , 18,	3.8	21
170	Outage Probability Analysis in Multiple-Relay Networks for Wireless Energy Harvesting 2018 ,		2
169	Throughput Analysis in Relaying Cooperative Systems Considering Time-switching with NOMA 2018 ,		9
168	Power splittingBased energy-harvesting protocol for wireless-powered communication networks with a bidirectional relay. <i>International Journal of Communication Systems</i> , 2018 , 31, e3721	1.7	9
167	On Outage Probability and Throughput Performance of Cognitive Radio Inspired NOMA Relay System. <i>Advances in Electrical and Electronic Engineering</i> , 2018 , 16,	1.5	5
166	Two-Way Half Duplex Decode and Forward Relaying Network with Hardware Impairment over Rician Fading Channel: System Performance Analysis. <i>Elektronika Ir Elektrotechnika</i> , 2018 , 24,	1.7	8
165	Exploiting Secure Performance of Full-Duplex Decode and Forward in Optimal Relay Selection Networks. <i>Elektronika Ir Elektrotechnika</i> , 2018 , 24,	1.7	2
164	Power Beacon-Assisted Relaying Scheme for Cellular Networks: System Model and Performance Analysis. <i>Advances in Intelligent Systems and Computing</i> , 2018 , 620-628	0.4	

163	Performance Analysis of Wireless Powered Cognitive Radio Networks. <i>Advances in Intelligent Systems and Computing</i> , 2018 , 554-562	0.4	
162	Enabling D2D Transmission Mode in Cellular Networks: Instantaneous Rate Consideration. <i>Advances in Intelligent Systems and Computing</i> , 2018 , 547-553	0.4	
161	Performance Analysis of Device-To-Device Communication Using AF Relaying Under Impact of Co-channel Interferences. <i>Advances in Intelligent Systems and Computing</i> , 2018 , 636-644	0.4	
160	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	2.8	14
159	Multi-sensor Data Fusion Technique to Detect Radiation Emission in Wireless Sensor Networks. <i>Lecture Notes in Electrical Engineering</i> , 2018 , 135-144	0.2	
158	The Impact of Distance Between Two Phosphor Layers on Luminous Flux and Color Quality of Remote Phosphor Package. <i>Lecture Notes in Electrical Engineering</i> , 2018 , 242-249	0.2	
157	Outage Probability Analysis of Power Splitting Power-Beacon Assisted Energy Harvesting Relay Wireless Communication Networks 2018 ,		1
156	Selection of a Remote Phosphor Structure for Phosphor-converted White LEDs with High Luminous Efficacy. <i>E3S Web of Conferences</i> , 2018 , 72, 02003	0.5	
155	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	1.9	7
154	IoT Smart Home Concept 2018 ,		5
153	Multi-Classifer Speech Emotion Recognition System 2018 ,		1
152	Security Verification of Artificial Neural Networks Used to Error Correction in Quantum Cryptography 2018 ,		8
151	Prediction of Subjective Video Quality Based on Objective Assessment 2018 ,		1
150	Outage performance of time switching energy harvesting wireless sensor networks deploying NOMA 2018 ,		6
149	Hybrid TSR?PSR Alternate Energy Harvesting Relay Network over Rician Fading Channels: Outage Probability and SER Analysis. <i>Sensors</i> , 2018 , 18,	3.8	9
148	A New Protocol based on Optimal Capacity for Energy Harvesting Amplify-and-Forward Relaying Networks 2018 ,		2
147	A decentralized ITS architecture for efficient distribution of traffic task management 2018 ,		2
146	Power-Splitting Protocol in Power Beacon-assisted Energy Harvesting Full-Duplex Relaying Networks: Performance Analysis 2018 ,		3

145	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	1.9	17
144	A binary PSO approach to mine high-utility itemsets. <i>Soft Computing</i> , 2017 , 21, 5103-5121	3.5	61
143	Cell Permanence Time and mobility analysis in infrastructure networks: Analytical/statistical approaches and their applications. <i>Computers and Electrical Engineering</i> , 2017 , 64, 506-523	4.3	0
142	Performance of time switching based energy harvesting for amplify-and-forward half-duplex relaying with hardware impairment 2017 ,		2
141	On the Performance of Decode-and-Forward Half-Duplex Relaying with Time Switching Based Energy Harvesting in the Condition of Hardware Impairment. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 421-430	0.4	2
140	On the Performance of Energy Harvesting for Decode-and-Forward Full-Duplex Relay Networks in Imperfect CSI Condition. <i>Lecture Notes in Electrical Engineering</i> , 2017 , 838-849	0.2	
139	Successful transmission probability of cognitive device-to-device communications underlying cellular networks in the presence of hardware impairments. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2017 , 2017,	3.2	4
138	Advances and Challenges in Convergent Communication Networks. <i>Wireless Personal Communications</i> , 2017 , 96, 4919-4927	1.9	2
137	Wireless Powered Relaying Networks Under Imperfect Channel State Information: System Performance and Optimal Policy for Instantaneous Rate. <i>Radioengineering</i> , 2017 , 26, 869-877	0.8	31
136	Implementation of quantum key distribution network simulation module in the network simulator NS-3. <i>Quantum Information Processing</i> , 2017 , 16, 1	1.6	24
135	Self-Powered Wireless Two-Way Relaying Networks: Model and Throughput Performance with Three Practical Schemes. <i>Wireless Personal Communications</i> , 2017 , 97, 613-631	1.9	2
134	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	1.6	17
133	Multicast Steganography Using Routing Protocols. <i>Communications in Computer and Information Science</i> , 2017 , 124-135	0.3	
132	Prediction of Speech Quality Based on Resilient Backpropagation Artificial Neural Network. <i>Wireless Personal Communications</i> , 2017 , 96, 5375-5389	1.9	6
131	Analysis of the Public Channel of Quantum Key Distribution Link. <i>IEEE Journal of Quantum Electronics</i> , 2017 , 53, 1-8	2	17
130	On the Performance of a Wireless Powered Communication System Using a Helping Relay. <i>Radioengineering</i> , 2017 , 26, 860-868	0.8	1
129	Wireless powered D2D communications underlying cellular networks: design and performance of the extended coverage. <i>Automatika</i> , 2017 , 58, 391-399	1.6	7
128	Evaluation of Device-Independent Internet Spatial Location. <i>ISPRS International Journal of Geo-Information</i> , 2017 , 6, 155	2.9	

127	Energy Harvesting-based Spectrum Access with Incremental Cooperation, Relay Selection and Hardware Noises. <i>Radioengineering</i> , 2017 , 26, 240-250	0.8	14
126	An Optimal Analysis in Wireless Powered Full-duplex Relaying Network. <i>Radioengineering</i> , 2017 , 26, 369-385	3.85	3
125	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	2.9	5
124	Development of Method for Service Support Management in Vehicular Communication Networks. <i>Advances in Electrical and Electronic Engineering</i> , 2017 , 15,	1.5	3
123	RESEARCH ON SHIP AUTONOMOUS STEERING CONTROL FOR SHORT-SEA SHIPPING PROBLEMS. <i>Transport</i> , 2017 , 32, 198-208	1.4	3
122	Performance Analysis with Wireless Power Transfer Constraint Policies in Full-Duplex Relaying Networks. <i>Elektronika Ir Elektrotehnika</i> , 2017 , 23,	1.7	2
121	Location Accuracy of Commercial IP Address Geolocation Databases. <i>Information Technology and Control</i> , 2017 , 46,	1.3	6
120	Security-Reliability Analysis of Noma-Based Multi-Hop Relay Networks in Presence of an Active Eavesdropper with Imperfect Eavesdropping CSI. <i>Advances in Electrical and Electronic Engineering</i> , 2017 , 15,	1.5	5
119	Opportunistic Multiple Relay Selection Schemes in both Full-Duplex and Half-Duplex Operation for Decode-and-Forward Cooperative Networks. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 431-441	8.4	1
118	A DF Performance Analysis in Half-Duplex and Full-Duplex Relaying Network. <i>Lecture Notes in Electrical Engineering</i> , 2017 , 791-802	0.2	
117	A Performance Analysis of an AF Two Hops Model in the Energy Harvesting Relay Network. <i>Lecture Notes in Electrical Engineering</i> , 2017 , 759-768	0.2	
116	Secrecy Performance of Joint Relay and Jammer Selection Methods in Cluster Networks: With and Without Hardware Noises. <i>Lecture Notes in Electrical Engineering</i> , 2017 , 769-779	0.2	
115	Distribution of Voice Messages in Crisis or Emergency Situations. <i>Communications in Computer and Information Science</i> , 2017 , 148-160	0.3	
114	QSIP: A Quantum Key Distribution Signaling Protocol. <i>Communications in Computer and Information Science</i> , 2017 , 136-147	0.3	4
113	Impact of packet loss and delay variation on the quality of real-time video streaming. <i>Telecommunication Systems</i> , 2016 , 62, 265-275	2.3	17
112	. <i>China Communications</i> , 2016 , 13, 11-19	3	32
111	Employing the neural networks to parametrically assess the quality of a voice call 2016 ,		1
110	An instantaneous transmission mode analysis in the half-duplex and full-duplex relaying network 2016 ,		1

109	On using multiple routing metrics with destination sequenced distance vector protocol for MultiHop wireless ad hoc networks 2016 ,		4
108	. <i>IEEE Transactions on Mobile Computing</i> , 2016 , 15, 2809-2824	4.6	28
107	Modelling speech and video quality in networks based on internet protocol. <i>International Journal of Information and Communication Technology</i> , 2016 , 8, 95	0.1	1
106	A Novel Compressed Sensing Approach to Speech Signal Compression. <i>Lecture Notes in Electrical Engineering</i> , 2016 , 75-85	0.2	0
105	High utility-itemset mining and privacy-preserving utility mining. <i>Perspectives in Science</i> , 2016 , 7, 74-80	0.8	13
104	A brief review of revocable ID-based public key cryptosystem. <i>Perspectives in Science</i> , 2016 , 7, 81-86	0.8	4
103	Covert Channel in RTP Payload Using a Pointer in Sip Header 2016 , 18, 40-47		
102	Automatically Provisioned Embedded Communication System Based on Openwrt Platform 2016 , 18, 48-55		0
101	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,	1.5	4
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