

Miroslav Voznak

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.

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	An efficient algorithm to mine high average-utility itemsets. <i>Advanced Engineering Informatics</i> , 2016 , 30, 233-243	7.4	62
269	A binary PSO approach to mine high-utility itemsets. <i>Soft Computing</i> , 2017 , 21, 5103-5121	3.5	61
268	A sanitization approach for hiding sensitive itemsets based on particle swarm optimization. <i>Engineering Applications of Artificial Intelligence</i> , 2016 , 53, 1-18	7.2	49
267	Fast algorithms for hiding sensitive high-utility itemsets in privacy-preserving utility mining. <i>Engineering Applications of Artificial Intelligence</i> , 2016 , 55, 269-284	7.2	37
266	NOMA-Assisted Multiple Access Scheme for IoT Deployment: Relay Selection Model and Secrecy Performance Improvement. <i>Sensors</i> , 2019 , 19,	3.8	34
265	. <i>China Communications</i> , 2016 , 13, 11-19	3	32
264	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
263	. <i>IEEE Transactions on Mobile Computing</i> , 2016 , 15, 2809-2824	4.6	28
262	Quantum Key Distribution. <i>ACM Computing Surveys</i> , 2020 , 53, 1-41	13.4	27
261	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
260	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
259	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	2.8	24
258	Centralized IDS Based on Misuse Detection for Cluster-Based Wireless Sensors Networks. <i>Wireless Personal Communications</i> , 2015 , 85, 207-224	1.9	23
257	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
256	Cooperative Context Data Acquisition and Dissemination for Situation Identification in Vehicular Communication Networks. <i>Wireless Personal Communications</i> , 2015 , 85, 49-62	1.9	20
255	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
254	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

253	Analysis of the Public Channel of Quantum Key Distribution Link. <i>IEEE Journal of Quantum Electronics</i> , 2017 , 53, 1-8	2	17
252	UAV Relaying Enabled NOMA Network With Hybrid Duplexing and Multiple Antennas. <i>IEEE Access</i> , 2020 , 8, 186993-187007	3.5	17
251	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
250	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
249	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
248	Approach to stress tests in SIP environment based on marginal analysis. <i>Telecommunication Systems</i> , 2013 , 52, 1583-1593	2.3	14
247	Prediction model of QoS for Triple play services 2013 ,		14
246	Energy Harvesting-based Spectrum Access with Incremental Cooperation, Relay Selection and Hardware Noises. <i>Radioengineering</i> , 2017 , 26, 240-250	0.8	14
245	. <i>IEEE Access</i> , 2020 , 8, 164347-164364	3.5	14
244	Energy-Efficient Clustering Multi-Hop Routing Protocol in a UWSN. <i>Sensors</i> , 2021 , 21,	3.8	14
243	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
242	High utility-itemset mining and privacy-preserving utility mining. <i>Perspectives in Science</i> , 2016 , 7, 74-80	0.8	13
241	Error Reconciliation in Quantum Key Distribution Protocols. <i>Lecture Notes in Computer Science</i> , 2020 , 222-236	0.9	13
240	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
239	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
238	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
237	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
236	Pattern Recognition Methods and Features Selection for Speech Emotion Recognition System. <i>Scientific World Journal, The</i> , 2015 , 2015, 573068	2.2	11

235	. <i>IEEE Access</i> , 2020 , 8, 187165-187181	3.5	11
234	Mobility prediction in wireless cellular networks for the optimization of Call Admission Control schemes 2014 ,		10
233	Development of a speech quality monitoring tool based on ITU-T P.862 2011 ,		10
232	Effective Packet Loss Estimation on VoIP Jitter Buffer. <i>Lecture Notes in Computer Science</i> , 2012 , 157-162	0.9	10
231	Security Analysis System to Detect Threats on a SIP VoIP Infrastructure Elements. <i>Advances in Electrical and Electronic Engineering</i> , 2011 , 9,	1.5	10
230	Calculation of the Key Length for Quantum Key Distribution. <i>Elektronika Ir Elektrotehnika</i> , 2015 , 21,	1.7	10
229	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
228	Enabling NOMA in Backscatter Reconfigurable Intelligent Surfaces-Aided Systems. <i>IEEE Access</i> , 2021 , 9, 33782-33795	3.5	10
227	Throughput Analysis in Relaying Cooperative Systems Considering Time-switching with NOMA 2018 ,		9
226	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
225	Research Trends and Challenges for Network-Based ICT Systems. <i>Wireless Personal Communications</i> , 2015 , 85, 1-7	1.9	9
224	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,	1.5	9
223	E-model MOS Estimate Improvement through Jitter Buffer Packet Loss Modelling. <i>Advances in Electrical and Electronic Engineering</i> , 2011 , 9,	1.5	9
222	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
221	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
220	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,	1.7	8
219	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	0.8	8
218	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

217	Security Verification of Artificial Neural Networks Used to Error Correction in Quantum Cryptography 2018 ,		8
216	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
215	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
214	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
213	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
212	Wireless powered D2D communications underlying cellular networks: design and performance of the extended coverage. <i>Automatika</i> , 2017 , 58, 391-399	1.6	7
211	SIP Back to Back User Benchmarking 2010 ,		7
210	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
209	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
208	Wireless-Powered Cooperative MIMO NOMA Networks: Design and Performance Improvement for Cell-Edge Users. <i>Electronics (Switzerland)</i> , 2019 , 8, 328	2.6	6
207	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
206	Outage Performance Analysis and SWIPT Optimization in Energy-Harvesting Wireless Sensor Network Deploying NOMA. <i>Sensors</i> , 2019 , 19,	3.8	6
205	Prediction of Speech Quality Based on Resilient Backpropagation Artificial Neural Network. <i>Wireless Personal Communications</i> , 2017 , 96, 5375-5389	1.9	6
204	Advanced Approach of Multiagent Based Buoy Communication. <i>Scientific World Journal, The</i> , 2015 , 2015, 569841	2.2	6
203	. <i>IEEE Access</i> , 2020 , 8, 215044-215056	3.5	6
202	A Survey on Wireless Sensor Networks. <i>Advances in Information Security, Privacy, and Ethics Book Series</i> , 2015 , 171-210	0.3	6
201	Location Accuracy of Commercial IP Address Geolocation Databases. <i>Information Technology and Control</i> , 2017 , 46,	1.3	6
200	Prediction Based Context Data Dissemination and Storage Model for Cooperative Vehicular Networks. <i>Advances in Intelligent Systems and Computing</i> , 2014 , 21-30	0.4	6

199	Network Performance QoS Prediction. <i>Advances in Intelligent Systems and Computing</i> , 2014 , 165-174	0.4	6
198	Toward Designing a Quantum Key Distribution Network Simulation Model. <i>Advances in Electrical and Electronic Engineering</i> , 2016 , 14,	1.5	6
197	Impact of packet size variation in overlay quantum key distribution network 2016 ,		6
196	Outage performance of time switching energy harvesting wireless sensor networks deploying NOMA 2018 ,		6
195	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
194	Hiding data in SIP session 2015 ,		5
193	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
192	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
191	QoE prediction model for multimedia services in IP network applying queuing policy 2014 ,		5
190	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
189	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
188	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
187	Speech Emotions Recognition Using 2-D Neural Classifier. <i>Advances in Intelligent Systems and Computing</i> , 2013 , 221-231	0.4	5
186	SIP Registration Burst Load Test. <i>Communications in Computer and Information Science</i> , 2011 , 329-336	0.3	5
185	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
184	Calculation of the Key Length for Quantum Key Distribution. <i>Elektronika Ir Elektrotechnika</i> , 2015 , 21,	1.7	5
183	Performance Enhancement for Full-Duplex Relaying with Time-Switching-Based SWIPT in Wireless Sensors Networks. <i>Sensors</i> , 2021 , 21,	3.8	5
182	Outage Probability Analysis in Relaying Cooperative Systems with NOMA Considering Power Splitting. <i>Symmetry</i> , 2019 , 11, 72	2.7	5

181	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
180	IoT Smart Home Concept 2018 ,		5
179	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
178	Improving Performance of Far Users in Cognitive Radio: Exploiting NOMA and Wireless Power Transfer. <i>Energies</i> , 2019 , 12, 2206	3.1	4
177	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
176	On using multiple routing metrics with destination sequenced distance vector protocol for MultiHop wireless ad hoc networks 2016 ,		4
175	A brief review of revocable ID-based public key cryptosystem. <i>Perspectives in Science</i> , 2016 , 7, 81-86	0.8	4
174	Human Abnormal Behavior Impact on Speaker Verification Systems. <i>IEEE Access</i> , 2018 , 6, 40120-40127	3.5	4
173	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
172	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
171	Network performance QoS estimation 2015 ,		4
170	Communication Technologies for the Improvement of Marine Transportation Operations. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2013 , 46, 469-474		4
169	A Methodology for Measuring Voice Quality Using PESQ and Interactive Voice Response in the GSM Channel Designed by OpenBTS. <i>Advances in Electrical and Electronic Engineering</i> , 2013 , 11,	1.5	4
168	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
167	Discovering Periodic Itemsets Using Novel Periodicity Measures. <i>Advances in Electrical and Electronic Engineering</i> , 2019 , 17,	1.5	4
166	QSIP: A Quantum Key Distribution Signaling Protocol. <i>Communications in Computer and Information Science</i> , 2017 , 136-147	0.3	4
165	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
164	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

163	Impact of hardware impairments in AF relaying network for WIPT: TSR and performance analysis 2016 ,		4
162	Usability of Destination-Sequenced Distance Vector Routing Protocol Routes 2019 ,		4
161	Power-Splitting Protocol Non-Orthogonal Multiple Access (NOMA) in 5G Systems 2019 ,		4
160	Optimization issues for data rate in energy harvesting relay-enabled cognitive sensor networks. <i>Computer Networks</i> , 2019 , 157, 29-40	5-4	3
159	Advanced solution of SIP communication server with a new approach to management. <i>Telecommunication Systems</i> , 2015 , 59, 541-549	2-3	3
158	An Optimal Analysis in Wireless Powered Full-duplex Relaying Network. <i>Radioengineering</i> , 2017 , 26, 369-385	3-3.5	3
157	Calculation of key reduction for B92 QKD protocol 2015 ,		3
156	Monitoring the quality of speech in the communication system BESIP 2012 ,		3
155	Updated approach to SIP benchmarking 2012 ,		3
154	Automatic analysis of attack data from distributed honeypot network 2013 ,		3
153	Development of the Real Time Situation Identification Model for Adaptive Service Support in Vehicular Communication Networks Domain. <i>Advances in Electrical and Electronic Engineering</i> , 2013 , 11,	1-5	3
152	Automatic Classification of Attacks on IP Telephony. <i>Advances in Electrical and Electronic Engineering</i> , 2013 , 11,	1-5	3
151	Network Degradation Effects on Different Codec Types and Characteristics of Video Streaming. <i>Advances in Electrical and Electronic Engineering</i> , 2014 , 12,	1-5	3
150	Development of Method for Service Support Management in Vehicular Communication Networks. <i>Advances in Electrical and Electronic Engineering</i> , 2017 , 15,	1-5	3
149	RESEARCH ON SHIP AUTONOMOUS STEERING CONTROL FOR SHORT-SEA SHIPPING PROBLEMS. <i>Transport</i> , 2017 , 32, 198-208	1-4	3
148	Enabling Wireless Power Transfer and Multiple Antennas Selection to IoT Network Relying on NOMA. <i>Elektronika Ii Elektrotehnika</i> , 2020 , 26, 59-65	1-7	3
147	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
146	Interactive VoiceXML Module into SIP-Based Warning Distribution System. <i>Communications in Computer and Information Science</i> , 2011 , 338-344	0-3	3

145	Joint User Grouping and Decoding Order in Uplink/Downlink MISO/SIMO-NOMA. <i>IEEE Access</i> , 2020 , 8, 143632-143643	3.5	3
144	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
143	Study of the Efficiency of Fog Computing in an Optimized LoRaWAN Cloud Architecture. <i>Sensors</i> , 2021 , 21,	3.8	3
142	Whispering through DDoS attack. <i>Perspectives in Science</i> , 2016 , 7, 95-100	0.8	3
141	Impact of hardware impairments for power splitting relay with wireless information and EH 2016 ,		3
140	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
139	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
138	Power-Splitting Protocol in Power Beacon-assisted Energy Harvesting Full-Duplex Relaying Networks: Performance Analysis 2018 ,		3
137	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
136	Performance of time switching based energy harvesting for amplify-and-forward half-duplex relaying with hardware impairment 2017 ,		2
135	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
134	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
133	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
132	Advances and Challenges in Convergent Communication Networks. <i>Wireless Personal Communications</i> , 2017 , 96, 4919-4927	1.9	2
131	Outage Probability Analysis in Multiple-Relay Networks for Wireless Energy Harvesting 2018 ,		2
130	Secrecy Performance Analysis of Cooperative MISO NOMA Networks Over Nakagami-m Fading. <i>IETE Journal of Research</i> , 2019 , 1-12	0.9	2
129	Interactive video audio system and its performance evaluation 2013 ,		2
128	Modular Test System for Determination of Protection against Attacks in VoIP Networks 2013 ,		2

127	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
126	Voice Messaging System as a Form of Distribution of an Urgent Information. <i>Wireless Personal Communications</i> , 2015 , 85, 63-76	1.9	2
125	Predictive model for determining the quality of a call 2014 ,		2
124	Embedded multiplatform SIP server solution 2012 ,		2
123	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
122	Bruteforce Attacks Blocking Solution on Embedded SIP Communication Server 2013 , 15, 180-184		2
121	The Data Extraction Using Distributed Crawler Inside Multi-Agent System. <i>Advances in Electrical and Electronic Engineering</i> , 2013 , 11,	1.5	2
120	Speech Quality Measurement of GSM Infrastructure Built on USRP N210 and OpenBTS Project. <i>Advances in Electrical and Electronic Engineering</i> , 2014 , 12,	1.5	2
119	An Evolutionary Algorithm to Mine High-Utility Itemsets. <i>Advances in Electrical and Electronic Engineering</i> , 2015 , 13,	1.5	2
118	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
117	Measurement of Switching Latency in High Data Rate Ethernet Networks. <i>Elektronika Ir Elektrotechnika</i> , 2015 , 21,	1.7	2
116	Performance Analysis with Wireless Power Transfer Constraint Policies in Full-Duplex Relaying Networks. <i>Elektronika Ir Elektrotechnika</i> , 2017 , 23,	1.7	2
115	Exploiting Secure Performance of Full-Duplex Decode and Forward in Optimal Relay Selection Networks. <i>Elektronika Ir Elektrotechnika</i> , 2018 , 24,	1.7	2
114	Estimation of Internet Node Location by Latency Measurements - The Underestimation Problem. <i>Information Technology and Control</i> , 2015 , 44, 279-286	1.3	2
113	Use Case of Quay Crane Container Handling Operations Monitoring using ICT to Detect Abnormalities in Operator Actions 2020 ,		2
112	Creating Covert Channel Using SIP. <i>Communications in Computer and Information Science</i> , 2014 , 182-192	0.3	2
111	Speech Quality Measurement in IP Telephony Networks by Using the Modular Probes. <i>Communications in Computer and Information Science</i> , 2015 , 172-181	0.3	2
110	Utilizing the Neural Networks for Speech Quality Estimation Based on the Network Characteristics. <i>Lecture Notes in Electrical Engineering</i> , 2016 , 99-109	0.2	2

109	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
108	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
107	Isolated Word Automatic Speech Recognition System. <i>Communications in Computer and Information Science</i> , 2020 , 252-264	0.3	2
106	Self-organizing map classifier for stressed speech recognition 2016 ,		2
105	Proposal and Implementation of Probe for Sigfox Technology. <i>Lecture Notes in Electrical Engineering</i> , 2020 , 420-428	0.2	2
104	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
103	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
102	Enhancing Spectrum Efficiency for Multiple Users in Hybrid Satellite-Terrestrial Networks. <i>IEEE Access</i> , 2021 , 1-1	3.5	2
101	A New Protocol based on Optimal Capacity for Energy Harvesting Amplify-and-Forward Relaying Networks 2018 ,		2
100	A decentralized ITS architecture for efficient distribution of traffic task management 2018 ,		2
99	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
98	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
97	IP Telephony Server Emulation for Monitoring and Analysis of Malicious Activity in VOIP Network. <i>Communications - Scientific Letters of the University of Zilina</i> , 2013 , 15, 191-196	0.2	2
96	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
95	Building GSM network in extreme conditions 2015 ,		1
94	Vulnerabilities in GSM technology and feasibility of selected attacks 2015 ,		1
93	Surveillance systems for intermodal transportation 2015 ,		1
92	Exact outage probability of two-way decode-and-forward NOMA scheme with digital network coding 2018 ,		1

91	Employing the neural networks to parametrically assess the quality of a voice call 2016 ,		1
90	An instantaneous transmission mode analysis in the half-duplex and full-duplex relaying network 2016 ,		1
89	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
88	Cognitive Radio Assisted Non-Orthogonal Multiple Access: Outage Performance 2019 ,		1
87	DeepVoCoder: A CNN Model for Compression and Coding of Narrow Band Speech. <i>IEEE Access</i> , 2019 , 7, 75081-75089	3.5	1
86	A survey on electromagnetic interferences on aircraft avionics systems and a GSM on board system overview 2014 ,		1
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