

Lie-Liang Yang

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256
papers

3,863
citations

29
h-index

49
g-index

286
ext. papers

4,941
ext. citations

6.4
avg, IF

6.21
L-index

#	Paper	IF	Citations
256	Taking Drones to the Next Level: Cooperative Distributed Unmanned-Aerial-Vehicular Networks for Small and Mini Drones. <i>IEEE Vehicular Technology Magazine</i> , 2017 , 12, 73-82	9.9	248
255	Information-guided channel-hopping for high data rate wireless communication. <i>IEEE Communications Letters</i> , 2008 , 12, 225-227	3.8	148
254	Generalised Pre-Coding Aided Spatial Modulation. <i>IEEE Transactions on Wireless Communications</i> , 2013 , 12, 5434-5443	9.6	132
253	Performance of generalized multicarrier DS-CDMA over Nakagami-m fading channels. <i>IEEE Transactions on Communications</i> , 2002 , 50, 956-966	6.9	112
252	Transmitter Preprocessing Aided Spatial Modulation for Multiple-Input Multiple-Output Systems 2011 ,		109
251	Multicarrier DS-CDMA: a multiple access scheme for ubiquitous broadband wireless communications 2003 , 41, 116-124		90
250	Aeronautical \$Ad-Hoc\$ Networking for the Internet-Above-the-Clouds. <i>Proceedings of the IEEE</i> , 2019 , 107, 868-911	14.3	83
249	Performance Analysis of Multihop-Diversity-Aided Multihop Links. <i>IEEE Transactions on Vehicular Technology</i> , 2012 , 61, 2504-2516	6.8	74
248	Error Probability and Capacity Analysis of Generalised Pre-Coding Aided Spatial Modulation. <i>IEEE Transactions on Wireless Communications</i> , 2015 , 14, 364-375	9.6	72
247	Error probability of digital communications using relay diversity over Nakagami-m fading channels. <i>IEEE Transactions on Wireless Communications</i> , 2008 , 7, 1806-1811	9.6	67
246	Transmit-Diversity-Assisted Space-Shift Keying for Colocated and Distributed/Cooperative MIMO Elements. <i>IEEE Transactions on Vehicular Technology</i> , 2011 , 60, 2864-2869	6.8	62
245	Secret Precoding-Aided Spatial Modulation. <i>IEEE Communications Letters</i> , 2015 , 19, 1544-1547	3.8	57
244	A recursive algorithm for the error probability evaluation of M-QAM. <i>IEEE Communications Letters</i> , 2000 , 4, 304-306	3.8	56
243	Transmitter Precoding-Aided Spatial Modulation for Secrecy Communications. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 467-471	6.8	52
242	Non-Orthogonal Multiple Access: A Unified Perspective. <i>IEEE Wireless Communications</i> , 2018 , 25, 10-16	13.4	47
241	Survey of Turbo, LDPC, and Polar Decoder ASIC Implementations. <i>IEEE Communications Surveys and Tutorials</i> , 2019 , 21, 2309-2333	37.1	45
240	Serial acquisition of DS-CDMA signals in multipath fading mobile channels. <i>IEEE Transactions on Vehicular Technology</i> , 2001 , 50, 617-628	6.8	44

239	Adaptive Coding and Modulation for Large-Scale Antenna Array-Based Aeronautical Communications in the Presence of Co-Channel Interference. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 1343-1357	9.6	42
238	Compressed Sensing Improves the Performance of Subcarrier Index-Modulation-Assisted OFDM. <i>IEEE Access</i> , 2016 , 4, 7859-7873	3.5	41
237	A Survey and Tutorial on Low-Complexity Turbo Coding Techniques and a Holistic Hybrid ARQ Design Example. <i>IEEE Communications Surveys and Tutorials</i> , 2013 , 15, 1546-1566	37.1	40
236	A Fully-Parallel Turbo Decoding Algorithm. <i>IEEE Transactions on Communications</i> , 2015 , 63, 2762-2775	6.9	35
235	Spatial Modulation Aided Sparse Code-Division Multiple Access. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 1474-1487	9.6	34
234	A Low-Complexity Turbo Decoder Architecture for Energy-Efficient Wireless Sensor Networks. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , 2013 , 21, 14-22	2.6	34
233	Secure Spatial Modulation With a Full-Duplex Receiver. <i>IEEE Wireless Communications Letters</i> , 2017 , 6, 838-841	5.9	33
232	Energy Pattern Aided Simultaneous Wireless Information and Power Transfer. <i>IEEE Journal on Selected Areas in Communications</i> , 2015 , 33, 1492-1504	14.2	31
231	Optical Jamming Enhances the Secrecy Performance of the Generalized Space-Shift-Keying-Aided Visible-Light Downlink. <i>IEEE Transactions on Communications</i> , 2018 , 66, 4087-4102	6.9	31
230	Signal Detection in Antenna-Hopping Space-Division Multiple-Access Systems With Space-Shift Keying Modulation. <i>IEEE Transactions on Signal Processing</i> , 2012 , 60, 351-366	4.8	29
229	Performance of broadband multicarrier DS-CDMA using space-time spreading-assisted transmit diversity. <i>IEEE Transactions on Wireless Communications</i> , 2005 , 4, 885-894	9.6	29
228	Sixty Years of Coherent Versus Non-Coherent Tradeoffs and the Road From 5G to Wireless Futures. <i>IEEE Access</i> , 2019 , 7, 178246-178299	3.5	29
227	Spatial Modulation for Molecular Communication. <i>IEEE Transactions on Nanobioscience</i> , 2019 , 18, 381-395	5.4	27
226	Mapping-Variied Spatial Modulation for Physical Layer Security: Transmission Strategy and Secrecy Rate. <i>IEEE Journal on Selected Areas in Communications</i> , 2018 , 36, 877-889	14.2	27
225	A low-complexity subcarrier-power allocation scheme for frequency-division multiple-access systems. <i>IEEE Transactions on Wireless Communications</i> , 2010 , 9, 1564-1570	9.6	27
224	A zero-forcing multiuser transmitter preprocessing scheme for downlink communications. <i>IEEE Transactions on Communications</i> , 2008 , 56, 862-865	6.9	27
223	Bridging the Social and Wireless Networking Divide: Information Dissemination in Integrated Cellular and Opportunistic Networks. <i>IEEE Access</i> , 2015 , 3, 1809-1848	3.5	26
222	Extrinsic Information Transfer Charts for Characterizing the Iterative Decoding Convergence of Fully Parallel Turbo Decoders. <i>IEEE Access</i> , 2015 , 3, 2100-2110	3.5	26

221	Performance Analysis of Multihop Wireless Links Over Generalized- α - β Fading Channels. <i>IEEE Transactions on Vehicular Technology</i> , 2012 , 61, 1590-1598	6.8	24
220	Error Performance Analysis of Diffusive Molecular Communication Systems With On-Off Keying Modulation. <i>IEEE Transactions on Molecular, Biological, and Multi-Scale Communications</i> , 2017 , 3, 224-238 ²⁻³		24
219	. <i>IEEE Transactions on Vehicular Technology</i> , 2013 , 62, 2220-2229	6.8	24
218	Residue number system assisted fast frequency-hopped synchronous ultra-wideband spread-spectrum multiple-access: a design alternative to impulse radio. <i>IEEE Journal on Selected Areas in Communications</i> , 2002 , 20, 1652-1663	14.2	24
217	Cross-Layer Aided Energy-Efficient Routing Design for Ad Hoc Networks. <i>IEEE Communications Surveys and Tutorials</i> , 2015 , 17, 1214-1238	37.1	23
216	Unified Bit-Based Probabilistic Data Association Aided MIMO Detection for High-Order QAM Constellations. <i>IEEE Transactions on Vehicular Technology</i> , 2011 , 60, 981-991	6.8	23
215	Maximum-Throughput Irregular Distributed Space-Time Code for Near-Capacity Cooperative Communications. <i>IEEE Transactions on Vehicular Technology</i> , 2010 , 59, 1511-1517	6.8	23
214	Serial acquisition performance of single-carrier and multicarrier DS-SS over Nakagami-m fading channels. <i>IEEE Transactions on Wireless Communications</i> , 2002 , 1, 692-702	9.6	23
213	The Development, Operation and Performance of the 5G Polar Codes. <i>IEEE Communications Surveys and Tutorials</i> , 2020 , 22, 96-122	37.1	23
212	Energy-Efficient Cross-Layer Design of Wireless Mesh Networks for Content Sharing in Online Social Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 8495-8509	6.8	22
211	Zero-Forcing and Minimum Mean-Square Error Multiuser Detection in Generalized Multicarrier DS-SS Systems for Cognitive Radio. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2007 , 2008,	3.2	22
210	Performance of Cognitive Stop-and-Wait Hybrid Automatic Repeat Request in the Face of Imperfect Sensing. <i>IEEE Access</i> , 2016 , 4, 5489-5508	3.5	22
209	Optimal Spatial-Domain Design for Spatial Modulation Capacity Maximization. <i>IEEE Communications Letters</i> , 2016 , 20, 1092-1095	3.8	22
208	Secrecy Analysis of Generalized Space-Shift Keying Aided Visible Light Communication. <i>IEEE Access</i> , 2018 , 6, 18310-18324	3.5	21
207	Regularized Zero-Forcing Precoding-Aided Adaptive Coding and Modulation for Large-Scale Antenna Array-Based Air-to-Air Communications. <i>IEEE Journal on Selected Areas in Communications</i> , 2018 , 36, 2087-2103	14.2	21
206	Iterative construction of reversible variable-length codes and variable-length error-correcting codes. <i>IEEE Communications Letters</i> , 2004 , 8, 671-673	3.8	21
205	Differential-Detection Aided Large-Scale Generalized Spatial Modulation is Capable of Operating in High-Mobility Millimeter-Wave Channels. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2019 , 13, 1360-1374	7.5	20
204	Acquisition of m-sequences using recursive soft sequential estimation. <i>IEEE Transactions on Communications</i> , 2004 , 52, 199-204	6.9	20

203	An Energy-Efficient Error Correction Scheme for IEEE 802.15.4 Wireless Sensor Networks. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2010 , 57, 233-237	3.5	19
202	. <i>IEEE Transactions on Communications</i> , 2019 , 67, 1099-1116	6.9	19
201	A Novel Transmission Policy for Intelligent Reflecting Surface Assisted Wireless Powered Sensor Networks. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2021 , 1-1	7.5	19
200	Carrier Frequency Offset Estimation in Uplink OFDMA Systems: An Approach Relying on Sparse Recovery. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 9592-9597	6.8	18
199	Transmitter-Precoding-Aided Spatial Modulation Achieving Both Transmit and Receive Diversity. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 1375-1388	6.8	18
198	From Nominal to True A Posteriori Probabilities: An Exact Bayesian Theorem Based Probabilistic Data Association Approach for Iterative MIMO Detection and Decoding. <i>IEEE Transactions on Communications</i> , 2013 , 61, 2782-2793	6.9	18
197	Reduced-rank adaptive multiuser detection in hybrid direct-sequence time-hopping ultrawide bandwidth systems. <i>IEEE Transactions on Wireless Communications</i> , 2010 , 9, 156-167	9.6	18
196	Receiver Multiuser Diversity Aided Multi-Stage Minimum Mean-Square Error Detection for Heavily Loaded DS-CDMA and SDMA Systems. <i>IEEE Transactions on Communications</i> , 2010 , 58, 3397-3404	6.9	18
195	Iteratively Decoded Variable Length Space-Time Coded Modulation: Code Construction and Convergence Analysis. <i>IEEE Transactions on Wireless Communications</i> , 2007 , 6, 1953-1963	9.6	18
194	A residue number system based parallel communication scheme using orthogonal signaling .I. System outline. <i>IEEE Transactions on Vehicular Technology</i> , 2002 , 51, 1534-1546	6.8	18
193	Overlapping M-ary frequency shift keying spread-spectrum multiple-access systems using random signal sequences. <i>IEEE Transactions on Vehicular Technology</i> , 1999 , 48, 1984-1995	6.8	18
192	Performance Analysis of Non-Linear Generalized Pre-Coding Aided Spatial Modulation. <i>IEEE Transactions on Wireless Communications</i> , 2016 , 15, 6731-6741	9.6	17
191	Performance of DS-CDMA downlink using transmitter preprocessing and relay diversity over Nakagami-m fading channels. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 678-682	9.6	17
190	Near-Capacity Cooperative Space-Time Coding Employing Irregular Design and Successive Relaying. <i>IEEE Transactions on Communications</i> , 2010 , 58, 2232-2241	6.9	17
189	Polar Codes and Their Quantum-Domain Counterparts. <i>IEEE Communications Surveys and Tutorials</i> , 2020 , 22, 123-155	37.1	17
188	Near-Optimum Multiuser Detectors Using Soft-Output Ant-Colony-Optimization for the DS-CDMA Uplink. <i>IEEE Signal Processing Letters</i> , 2009 , 16, 137-140	3.2	16
187	Multiuser detection assisted time- and frequency-domain spread multicarrier code-division multiple-access. <i>IEEE Transactions on Vehicular Technology</i> , 2006 , 55, 397-405	6.8	16
186	Performance of generalized multicarrier DS-CDMA using various chip waveforms. <i>IEEE Transactions on Communications</i> , 2003 , 51, 748-752	6.9	16

185	Sparse or Dense: A Comparative Study of Code-Domain NOMA Systems. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 4768-4780	9.6	16
184	Delay Analysis of Social Group Multicast-Aided Content Dissemination in Cellular System. <i>IEEE Transactions on Communications</i> , 2016 , 64, 1660-1673	6.9	15
183	Energy-Efficient Dynamic Resource Allocation for Opportunistic-Relaying-Assisted SC-FDMA Using Turbo-Equalizer-Aided Soft Decode-and-Forward. <i>IEEE Transactions on Vehicular Technology</i> , 2013 , 62, 235-246	6.8	15
182	Reduced-complexity near-capacity downlink iteratively decoded generalized multi-layer space-time coding using irregular convolutional codes. <i>IEEE Transactions on Wireless Communications</i> , 2010 , 9, 684-695	6.6	15
181	Performance of Distributed-Antenna DS-CDMA Systems Over Composite Lognormal Shadowing and Nakagami- m -Fading Channels. <i>IEEE Transactions on Vehicular Technology</i> , 2009 , 58, 2872-2883	6.8	15
180	MIMO-assisted space-code-division multiple-access: linear detectors and performance over multipath fading channels. <i>IEEE Journal on Selected Areas in Communications</i> , 2006 , 24, 121-131	14.2	15
179	Low complexity erasure insertion in RS-coded SFH spread-spectrum communications with partial-band interference and Nakagami- m fading. <i>IEEE Transactions on Communications</i> , 2002 , 50, 914-925	6.9	15
178	Performance analysis of coded M-ary orthogonal signaling using errors-and-erasures decoding over frequency-selective fading channels. <i>IEEE Journal on Selected Areas in Communications</i> , 2001 , 19, 211-221	14.2	15
177	Intrusion Detection Based on β -Coverage in Mobile Sensor Networks With Empowered Intruders. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 12109-12123	6.8	15
176	Unary-Coded Dimming Control Improves ON-OFF Keying Visible Light Communication. <i>IEEE Transactions on Communications</i> , 2018 , 66, 255-264	6.9	14
175	Secrecy sum rate maximization in NOMA systems with wireless information and power transfer 2017 ,		14
174	Transmitter-Preprocessing-Assisted Cooperative Downlink Transmission in DS-CDMA Systems Experiencing Propagation Path Loss and Nakagami- m Fading. <i>IEEE Transactions on Vehicular Technology</i> , 2009 , 58, 4182-4192	6.8	14
173	Discrete Multi-Tone Digital Subscriber Loop Performance in the Face of Impulsive Noise. <i>IEEE Access</i> , 2017 , 5, 10478-10495	3.5	13
172	CRC-Aided Logarithmic Stack Decoding of Polar Codes for Ultra Reliable Low Latency Communication in 3GPP New Radio. <i>IEEE Access</i> , 2019 , 7, 28559-28573	3.5	13
171	Compressed Impairment Sensing-Assisted and Interleaved-Double-FFT-Aided Modulation Improves Broadband Power Line Communications Subjected to Asynchronous Impulsive Noise. <i>IEEE Access</i> , 2016 , 4, 81-96	3.5	13
170	On the Asymptotic Spectral Efficiency of Uplink MIMO-CDMA Systems Over Rayleigh Fading Channels With Arbitrary Spatial Correlation. <i>IEEE Transactions on Vehicular Technology</i> , 2013 , 62, 679-691	6.8	13
169	A Unary Error Correction Code for the Near-Capacity Joint Source and Channel Coding of Symbol Values from an Infinite Set. <i>IEEE Transactions on Communications</i> , 2013 , 61, 1977-1987	6.9	13
168	Secure Wireless Transmission Based on Precoding-Aided Spatial Modulation 2015 ,		13

167	Differential acquisition of m-sequences using recursive soft sequential estimation. <i>IEEE Transactions on Wireless Communications</i> , 2005 , 4, 128-136	9.6	13
166	Arbitrarily Parallel Turbo Decoding for Ultra-Reliable Low Latency Communication in 3GPP LTE. <i>IEEE Journal on Selected Areas in Communications</i> , 2019 , 37, 826-838	14.2	13
165	Performance Analysis of Secret Precoding-Aided Spatial Modulation With Finite-Alphabet Signaling. <i>IEEE Access</i> , 2018 , 6, 29366-29381	3.5	13
164	Novel Subcarrier-Allocation Schemes for Downlink MC DS-CDMA Systems. <i>IEEE Transactions on Wireless Communications</i> , 2014 , 13, 5716-5728	9.6	12
163	Systematic redundant residue number system codes: analytical upper bound and iterative decoding performance over AWGN and Rayleigh channels. <i>IEEE Transactions on Communications</i> , 2006 , 54, 1006-1016	6.9	12
162	Adaptive rate DS-CDMA systems using variable spreading factors. <i>IEEE Transactions on Vehicular Technology</i> , 2004 , 53, 72-81	6.8	12
161	Delay and Throughput Analysis of Cognitive Go-Back-N HARQ in the Face of Imperfect Sensing. <i>IEEE Access</i> , 2017 , 5, 7454-7473	3.5	11
160	Blind Analog Interference Cancellation. <i>IEEE Communications Letters</i> , 2017 , 21, 1867-1870	3.8	11
159	Joint Wireless Positioning and Emitter Identification in DVB-T Single Frequency Networks. <i>IEEE Transactions on Broadcasting</i> , 2017 , 63, 577-582	4.7	11
158	Spatial Modulation Exploited in Non-Reciprocal Two-Way Relay Channels: Efficient Protocols and Capacity Analysis. <i>IEEE Transactions on Communications</i> , 2016 , 64, 2821-2834	6.9	11
157	Stochastic Computing Improves the Timing-Error Tolerance and Latency of Turbo Decoders: Design Guidelines and Tradeoffs. <i>IEEE Access</i> , 2016 , 4, 1008-1038	3.5	11
156	Distributed Probabilistic-Data-Association-Based Soft Reception Employing Base Station Cooperation in MIMO-Aided Multiuser Multicell Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2011 , 60, 3532-3538	6.8	11
155	Iterative Decoding Convergence and Termination of Serially Concatenated Codes. <i>IEEE Transactions on Vehicular Technology</i> , 2010 , 59, 216-224	6.8	11
154	Molecular Type Permutation Shift Keying for Molecular Communication. <i>IEEE Transactions on Molecular, Biological, and Multi-Scale Communications</i> , 2020 , 6, 160-164	2.3	11
153	Generalized Molecular-Shift Keying (GMoSK): Principles and Performance Analysis. <i>IEEE Transactions on Molecular, Biological, and Multi-Scale Communications</i> , 2020 , 6, 168-183	2.3	11
152	Optimal Power Allocation in Spatial Modulation Systems. <i>IEEE Transactions on Wireless Communications</i> , 2017 , 16, 1646-1655	9.6	10
151	Performance of Multihop Wireless Links over Generalized-K Fading Channels 2010 ,		10
150	Mellin-Transform-Based Performance Analysis of FFH M^2 -ary FSK Using Product Combining for Combatting Partial-Band Noise Jamming. <i>IEEE Transactions on Vehicular Technology</i> , 2008 , 57, 2757-2765	6.8	10

149	A residue number system based parallel communication scheme using orthogonal signaling. II. Multipath fading channels. <i>IEEE Transactions on Vehicular Technology</i> , 2002 , 51, 1547-1559	6.8	10
148	Blind joint soft-detection assisted slow frequency-hopping multicarrier DS-CDMA. <i>IEEE Transactions on Communications</i> , 2000 , 48, 1520-1529	6.9	10
147	Spatial Modulated Multicarrier Sparse Code-Division Multiple Access. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 610-623	9.6	10
146	. <i>IEEE Access</i> , 2017 , 5, 295-311	3.5	9
145	A Flexible FPGA-Based Quasi-Cyclic LDPC Decoder. <i>IEEE Access</i> , 2017 , 5, 20965-20984	3.5	9
144	Constant-Envelope Space-Time Shift Keying. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2019 , 13, 1387-1402	7.5	9
143	Joint TransmitterReceiver Spatial Modulation. <i>IEEE Access</i> , 2018 , 6, 6411-6423	3.5	9
142	Performance comparison of cooperative relay links with different relay processing strategies: Nakagami/Gamma approximation approaches. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2014 , 2014,	3.2	9
141	Capacity of generalised network multiple-inputmultiple-output systems with multicell cooperation. <i>IET Communications</i> , 2013 , 7, 1925-1937	1.3	9
140	A Reed-Solomon coded DS-CDMA system using noncoherent M-ary orthogonal modulation over multipath fading channels. <i>IEEE Journal on Selected Areas in Communications</i> , 2000 , 18, 2240-2251	14.2	9
139	Residue number system arithmetic assisted M-ary modulation. <i>IEEE Communications Letters</i> , 1999 , 3, 28-30	3.8	9
138	Deep-Learning-Aided Joint Channel Estimation and Data Detection for Spatial Modulation. <i>IEEE Access</i> , 2020 , 8, 191910-191919	3.5	9
137	Performance of Cognitive Selective-Repeat Hybrid Automatic Repeat Request. <i>IEEE Access</i> , 2016 , 4, 9828-9846	3.9	9
136	Reduced-Complexity Soft-Decision Multiple-Symbol Differential Sphere Detection. <i>IEEE Transactions on Communications</i> , 2015 , 63, 3275-3289	6.9	8
135	Performance of Cognitive Hybrid Automatic Repeat reQuest: Stop-and-Wait 2015 ,		8
134	Modularity-Based Dynamic Clustering for Energy Efficient UAVs-Aided Communications. <i>IEEE Wireless Communications Letters</i> , 2018 , 7, 728-731	5.9	8
133	Near-Capacity Joint Source and Channel Coding of Symbol Values from an Infinite Source Set Using Elias Gamma Error Correction Codes. <i>IEEE Transactions on Communications</i> , 2014 , 62, 280-292	6.9	8
132	Irregular Trellis for the Near-Capacity Unary Error Correction Coding of Symbol Values From an Infinite Set. <i>IEEE Transactions on Communications</i> , 2015 , 63, 5073-5088	6.9	8

131	Time delay tracking for positioning in DTV networks 2012 ,		8
130	Time- and Frequency-Domain-Spread Generalized Multicarrier DS-CDMA Using Subspace-Based Blind and Group-Blind Spacetime Multiuser Detection. <i>IEEE Transactions on Vehicular Technology</i> , 2008 , 57, 3235-3241	6.8	8
129	Time-Hopping Multicarrier Code-Division Multiple Access. <i>IEEE Transactions on Vehicular Technology</i> , 2007 , 56, 731-741	6.8	8
128	Carrier Phase Ranging for Indoor Positioning with 5G NR Signals. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	8
127	Soft List Decoding of Polar Codes. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 13921-13926	6.8	8
126	Self-Interference Cancellation and Channel Estimation in Multicarrier-Division Duplex Systems With Hybrid Beamforming. <i>IEEE Access</i> , 2020 , 8, 160653-160669	3.5	8
125	Throughput and Delay Analysis of Cognitive Go-Back-N Hybrid Automatic Repeat reQuest Using Discrete-Time Markov Modelling. <i>IEEE Access</i> , 2016 , 4, 9659-9680	3.5	8
124	Performance analysis of orthogonal frequency division multiplexing systems in dispersive indoor power line channels inflicting asynchronous impulsive noise. <i>IET Communications</i> , 2016 , 10, 453-461	1.3	8
123	Spectral- and Energy-Efficiency of Multi-Pair Two-Way Massive MIMO Relay Systems Experiencing Channel Aging. <i>IEEE Access</i> , 2019 , 7, 46014-46032	3.5	7
122	Diffusion-based molecular communications: Inter-symbol interference cancellation and system performance 2016 ,		7
121	Steady-State Throughput Analysis of Network Coding Nodes Employing Stop-and-Wait Automatic Repeat Request. <i>IEEE/ACM Transactions on Networking</i> , 2012 , 20, 1402-1411	3.8	7
120	Analysis of voltage- and clock-scaling-induced timing errors in stochastic LDPC decoders 2013 ,		7
119	Improved Coverage and Connectivity via Weighted Node Deployment in Solar Insecticidal Lamp Internet of Things. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 10170-10186	10.7	7
118	Implementation of a Fully-Parallel Turbo Decoder on a General-Purpose Graphics Processing Unit. <i>IEEE Access</i> , 2016 , 4, 5624-5639	3.5	7
117	Space Shift Keying for Molecular Communication: Theory and Experiment 2019 ,		7
116	Transmit Antenna Subset Selection in Generalized Spatial Modulation Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 1979-1983	6.8	7
115	Primitive Polynomials for Iterative Recursive Soft Sequential Acquisition of Concatenated Sequences. <i>IEEE Access</i> , 2019 , 7, 13882-13900	3.5	6
114	Performance of Cognitive Hybrid Automatic Repeat reQuest: Go-Back-N 2016 ,		6

113	Multicarrier Division Duplex Aided Millimeter Wave Communications. <i>IEEE Access</i> , 2019 , 7, 100719-100732	3.5	6
112	Security-oriented cooperation scheme in wireless cooperative networks. <i>IET Communications</i> , 2014 , 8, 1265-1273	1.3	6
111	A Single-User Noncoherent Combining Scheme Achieving Multiuser Interference Mitigation for FFH/MFSK Systems. <i>IEEE Transactions on Wireless Communications</i> , 2013 , 12, 4306-4314	9.6	6
110	Two-way relay underwater acoustic communications with multiuser decision-feedback detection and relay preprocessing 2012 ,		6
109	On the complexity of Unary Error Correction codes for the near-capacity transmission of symbol values from an infinite set 2013 ,		6
108	Energy and Accuracy Trade-Offs in Accelerometry-Based Activity Recognition 2013 ,		6
107	Iterative Detection of Unity-Rate Precoded FFH-MFSK and Irregular Variable-Length Coding. <i>IEEE Transactions on Vehicular Technology</i> , 2009 , 58, 3765-3770	6.8	6
106	Erasure Insertion in RS-Coded SFH MFSK Subjected to Tone Jamming and Rayleigh Fading. <i>IEEE Transactions on Vehicular Technology</i> , 2007 , 56, 3563-3571	6.8	6
105	A redundant residue number system coded burst-by-burst adaptive joint-detection based CDMA speech transceiver. <i>IEEE Transactions on Vehicular Technology</i> , 2006 , 55, 387-397	6.8	6
104	On the performance of band-limited asynchronous DS-CDMA over nakagami-m channels. <i>IEEE Transactions on Wireless Communications</i> , 2006 , 5, 1586-1593	9.6	6
103	Performance of fractionally spread multicarrier CDMA in AWGN as well as slow and fast Nakagami-m fading channels. <i>IEEE Transactions on Vehicular Technology</i> , 2005 , 54, 1817-1827	6.8	6
102	Concurrent OFDM Demodulation and Turbo Decoding for Ultra Reliable Low Latency Communication. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 1281-1290	6.8	6
101	Sparse Space-Time-Frequency-Domain Spreading for Large-Scale Non-Orthogonal Multiple Access. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 12327-12332	6.8	6
100	Physical-Layer Secret Key Generation via CQI-Mapped Spatial Modulation in Multi-Hop Wiretap Ad-Hoc Networks. <i>IEEE Transactions on Information Forensics and Security</i> , 2021 , 16, 1322-1334	8	6
99	Deep Learning Aided Packet Routing in Aeronautical Ad-Hoc Networks Relying on Real Flight Data: From Single-Objective to Near-Pareto Multi-Objective Optimization. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	6
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