

# Yong Liang Guan

## 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.

366  
papers

6,742  
citations

38  
h-index

69  
g-index

455  
ext. papers

8,510  
ext. citations

5.1  
avg. IF

6.43  
L-index

#	Paper	IF	Citations
366	Wireless energy harvesting for the Internet of Things <b>2015</b> , 53, 102-108		367
365	Optimization of Cooperative Sensing in Cognitive Radio Networks: A Sensing-Throughput Tradeoff View. <i>IEEE Transactions on Vehicular Technology</i> , <b>2009</b> , 58, 5294-5299	6.8	314
364	Modeling and analysis of noise effects on broadband power-line communications. <i>IEEE Transactions on Power Delivery</i> , <b>2005</b> , 20, 630-637	4.3	224
363	. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2015</b> , 1-1	14.2	217
362	Modeling of transfer Characteristics for the broadband power line communication channel. <i>IEEE Transactions on Power Delivery</i> , <b>2004</b> , 19, 1057-1064	4.3	185
361	Generalization of Orthogonal Frequency Division Multiplexing With Index Modulation. <i>IEEE Transactions on Wireless Communications</i> , <b>2015</b> , 14, 5350-5359	9.6	172
360	. <i>IEEE Communications Surveys and Tutorials</i> , <b>2016</b> , 18, 1687-1716	37.1	163
359	Quasi-orthogonal STBC with minimum decoding complexity. <i>IEEE Transactions on Wireless Communications</i> , <b>2005</b> , 4, 2089-2094	9.6	138
358	Recent development of fiber-optic chemical sensors and biosensors: Mechanisms, materials, micro/nano-fabrications and applications. <i>Coordination Chemistry Reviews</i> , <b>2018</b> , 376, 348-392	23.2	114
357	. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2011</b> , 60, 248-257	5.2	107
356	Transmit Optimization With Improper Gaussian Signaling for Interference Channels. <i>IEEE Transactions on Signal Processing</i> , <b>2013</b> , 61, 2899-2913	4.8	98
355	. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2015</b> , 33, 2974-2987	14.2	96
354	. <i>IEEE Transactions on Signal Processing</i> , <b>2014</b> , 62, 3565-3577	4.8	96
353	Overcoming Endurance Issue: UAV-Enabled Communications With Proactive Caching. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2018</b> , 36, 1231-1244	14.2	91
352	Blockchain for the Internet of Vehicles Towards Intelligent Transportation Systems: A Survey. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 4157-4185	10.7	91
351	. <i>IEEE Transactions on Wireless Communications</i> , <b>2016</b> , 15, 2054-2068	9.6	85
350	A Survey on Protograph LDPC Codes and Their Applications. <i>IEEE Communications Surveys and Tutorials</i> , <b>2015</b> , 17, 1989-2016	37.1	85

349	Security protection of DICOM medical images using dual-layer reversible watermarking with tamper detection capability. <i>Journal of Digital Imaging</i> , <b>2011</b> , 24, 528-40	5.3	78
348	Wireless Sensing of Human Respiratory Parameters by Low-Power Ultrawideband Impulse Radio Radar. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2011</b> , 60, 928-938	5.2	72
347	Cooperative Spectrum Sensing in Cognitive Radio Networks with Weighted Decision Fusion Schemes. <i>IEEE Transactions on Wireless Communications</i> , <b>2010</b> , 9, 3838-3847	9.6	71
346	. <i>IEEE Transactions on Wireless Communications</i> , <b>2016</b> , 15, 6487-6501	9.6	68
345	New Complete Complementary Codes for Peak-to-Mean Power Control in Multi-Carrier CDMA. <i>IEEE Transactions on Communications</i> , <b>2014</b> , 62, 1105-1113	6.9	60
344	Optimal Odd-Length Binary Z-Complementary Pairs. <i>IEEE Transactions on Information Theory</i> , <b>2014</b> , 60, 5768-5781	2.8	58
343	AF two-path half duplex relaying with inter-relay self interference cancellation: diversity analysis and its improvement. <i>IEEE Transactions on Wireless Communications</i> , <b>2009</b> , 8, 4720-4729	9.6	56
342	Energy-Efficient Cooperative Spectrum Sensing in Cognitive Radio Networks <b>2011</b> ,		54
341	Four-Group Decodable Space-Time Block Codes. <i>IEEE Transactions on Signal Processing</i> , <b>2008</b> , 56, 424-430	4.8	54
340	A Comprehensive Study of IoT and WSN MAC Protocols: Research Issues, Challenges and Opportunities. <i>IEEE Access</i> , <b>2018</b> , 6, 76228-76262	3.5	54
339	An impulse radio ultrawideband system for contactless noninvasive respiratory monitoring. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2013</b> , 60, 1509-17	5	52
338	Capacity-Achieving MIMO-NOMA: Iterative LMMSE Detection. <i>IEEE Transactions on Signal Processing</i> , <b>2019</b> , 67, 1758-1773	4.8	51
337	Characterization and modeling of in-building power lines for high-speed data transmission. <i>IEEE Transactions on Power Delivery</i> , <b>2003</b> , 18, 69-77	4.3	51
336	. <i>IEEE Transactions on Wireless Communications</i> , <b>2019</b> , 18, 210-226	9.6	49
335	Practical MIMO-NOMA: Low Complexity and Capacity-Approaching Solution. <i>IEEE Transactions on Wireless Communications</i> , <b>2018</b> , 17, 6251-6264	9.6	46
334	Optimized Transmission with Improper Gaussian Signaling in the K-User MISO Interference Channel. <i>IEEE Transactions on Wireless Communications</i> , <b>2013</b> , 12, 6303-6313	9.6	45
333	Fractional-Delay-Resilient Receiver Design for Interference-Free MC-CDMA Communications Based on Complete Complementary Codes. <i>IEEE Transactions on Wireless Communications</i> , <b>2015</b> , 14, 1226-1236	9.6	45
332	. <i>IEEE Transactions on Signal Processing</i> , <b>2013</b> , 61, 4491-4505	4.8	44

331	Transmit Antenna Selection for Multiple-Input Multiple-Output Spatial Modulation Systems. <i>IEEE Transactions on Communications</i> , <b>2016</b> , 64, 2035-2048	6.9	43
330	Correlation and Set Size Bounds of Complementary Sequences with Low Correlation Zone. <i>IEEE Transactions on Communications</i> , <b>2011</b> , 59, 3285-3289	6.9	39
329	New Sets of Even-Length Binary Z-Complementary Pairs With Asymptotic ZCZ Ratio of $\frac{3}{4}$ . <i>IEEE Signal Processing Letters</i> , <b>2018</b> , 25, 970-973	3.2	39
328	Performance Analysis of IEEE 802.11p Safety Message Broadcast With and Without Relaying at Road Intersection. <i>IEEE Access</i> , <b>2018</b> , 6, 23786-23799	3.5	38
327	On Even-Period Binary Z-Complementary Pairs with Large ZCZs. <i>IEEE Signal Processing Letters</i> , <b>2014</b> , 21, 284-287	3.2	38
326	New Constructions of General QAM Golay Complementary Sequences. <i>IEEE Transactions on Information Theory</i> , <b>2013</b> , 59, 7684-7692	2.8	38
325	Max-Min Antenna Selection for Bi-Directional Multi-Antenna Relaying <b>2010</b> ,		38
324	Adaptive Spatial Modulation MIMO Based on Machine Learning. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2019</b> , 37, 2117-2131	14.2	37
323	DNN-Aided Block Sparse Bayesian Learning for User Activity Detection and Channel Estimation in Grant-Free Non-Orthogonal Random Access. <i>IEEE Transactions on Vehicular Technology</i> , <b>2019</b> , 68, 12000-12012	6.8	36
322	User Activity Detection and Channel Estimation for Grant-Free Random Access in LEO Satellite-Enabled Internet of Things. <i>IEEE Internet of Things Journal</i> , <b>2020</b> , 7, 8811-8825	10.7	36
321	Simulation and Experimental Comparison of Different Coupling Mechanisms for the Wireless Electricity Transfer. <i>Journal of Electromagnetic Waves and Applications</i> , <b>2009</b> , 23, 925-934	1.3	35
320	A transmission line model for high-frequency power line communication channel		34
319	Broadcast Performance Analysis and Improvements of the LTE-V2V Autonomous Mode at Road Intersection. <i>IEEE Transactions on Vehicular Technology</i> , <b>2019</b> , 68, 9359-9369	6.8	33
318	Design Guidelines of Low-Density Parity-Check Codes for Magnetic Recording Systems. <i>IEEE Communications Surveys and Tutorials</i> , <b>2018</b> , 20, 1574-1606	37.1	33
317	Read and Write Voltage Signal Optimization for Multi-Level-Cell (MLC) NAND Flash Memory. <i>IEEE Transactions on Communications</i> , <b>2016</b> , 64, 1613-1623	6.9	32
316	Generalised FSMC model for radio channels with correlated fading. <i>IET Communications</i> , <b>1999</b> , 146, 133		32
315	A Multiplier-Free Generator for Polyphase Complete Complementary Codes. <i>IEEE Transactions on Signal Processing</i> , <b>2018</b> , 66, 1184-1196	4.8	31
314	Chirp Spread Spectrum Toward the Nyquist Signaling Rate Orthogonality Condition and Applications. <i>IEEE Signal Processing Letters</i> , <b>2017</b> , 24, 1488-1492	3.2	31

313	Performance Analysis of Two-Step Bi-Directional Relaying with Multiple Antennas. <i>IEEE Transactions on Wireless Communications</i> , <b>2012</b> , 11, 4237-4242	9.6	31
312	Simulation of Nakagami fading channels with arbitrary cross-correlation and fading parameters. <i>IEEE Transactions on Wireless Communications</i> , <b>2004</b> , 3, 1463-1468	9.6	31
311	Intelligent Task Offloading for Heterogeneous V2X Communications. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 22, 2226-2238	6.1	31
310	Adaptive SM-MIMO for mmWave Communications With Reduced RF Chains. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2017</b> , 35, 1472-1485	14.2	29
309	A Tighter Correlation Lower Bound for Quasi-Complementary Sequence Sets. <i>IEEE Transactions on Information Theory</i> , <b>2014</b> , 60, 388-396	2.8	28
308	TDCS-Based Cognitive Radio Networks with Multiuser Interference Avoidance. <i>IEEE Transactions on Communications</i> , <b>2013</b> , 61, 4828-4835	6.9	27
307	. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2014</b> , 32, 1974-1986	14.2	27
306	A Coplanar Stripline Ultra-Wideband Bandpass Filter With Notch Band. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2010</b> , 20, 22-24	2.6	27
305	Multidomain Index Modulation for Vehicular and Railway Communications: A Survey of Novel Techniques. <i>IEEE Vehicular Technology Magazine</i> , <b>2018</b> , 13, 124-134	9.9	26
304	Block-Orthogonal Spacetime Code Structure and Its Impact on QRDM Decoding Complexity Reduction. <i>IEEE Journal on Selected Topics in Signal Processing</i> , <b>2011</b> , 5, 1438-1450	7.5	26
303	On the Search for High-Rate Quasi-Orthogonal Spacetime Block Code. <i>International Journal of Wireless Information Networks</i> , <b>2006</b> , 13, 329-340	1.9	26
302	Collaborative SLAM Based on WiFi Fingerprint Similarity and Motion Information. <i>IEEE Internet of Things Journal</i> , <b>2020</b> , 7, 1826-1840	10.7	26
301	Design and Analysis of Root-Protograph LDPC Codes for Non-Ergodic Block-Fading Channels. <i>IEEE Transactions on Wireless Communications</i> , <b>2015</b> , 14, 738-749	9.6	25
300	Capacity-achieving iterative LMMSE detection for MIMO-NOMA systems <b>2016</b> ,		25
299	Training Sequence Design for Efficient Channel Estimation in MIMO-FBMC Systems. <i>IEEE Access</i> , <b>2017</b> , 5, 4747-4758	3.5	24
298	Design of Chirp Waveforms for Multiple-Access Ultrasonic Indoor Positioning. <i>IEEE Sensors Journal</i> , <b>2018</b> , 18, 6375-6390	4	24
297	Low Complexity Detection Algorithms for OTFS under Rapidly Time-Varying Channel <b>2019</b> ,		24
296	Construction of Irregular QC-LDPC Codes via Masking with ACE Optimization. <i>IEEE Communications Letters</i> , <b>2014</b> , 18, 348-351	3.8	24

295	Fast-group-decodable space-time block code <b>2010</b> ,		24
294	Power control for physical-layer network coding in fading environments <b>2008</b> ,		24
293	Decode-and-Forward Two-Path Half-Duplex Relaying: Diversity-Multiplexing Tradeoff Analysis. <i>IEEE Transactions on Communications</i> , <b>2011</b> , 59, 1985-1994	6.9	23
292	Power-Balanced Orthogonal Space-Time Block Code. <i>IEEE Transactions on Vehicular Technology</i> , <b>2008</b> , 57, 3304-3309	6.8	23
291	A survey of inter-flow network coding in wireless mesh networks with unicast traffic. <i>Computer Networks</i> , <b>2015</b> , 91, 738-751	5.4	22
290	Rate-Compatible Root-Protograph LDPC Codes for Quasi-Static Fading Relay Channels. <i>IEEE Transactions on Vehicular Technology</i> , <b>2016</b> , 65, 2741-2747	6.8	22
289	EXIT-Chart-Based LDPC Code Design for 2D ISI Channels. <i>IEEE Transactions on Magnetics</i> , <b>2013</b> , 49, 2823-2826		22
288	Spectrally efficient transform domain communication system with quadrature cyclic code shift keying. <i>IET Communications</i> , <b>2013</b> , 7, 382-390	1.3	22
287	Bi-Directional Multi-Antenna Relay Communications with Wireless Network Coding. <i>IEEE Vehicular Technology Conference</i> , <b>2008</b> ,	0.1	22
286	Construction of Bio-Constrained Code for DNA Data Storage. <i>IEEE Communications Letters</i> , <b>2019</b> , 23, 963-966	3.8	21
285	Analysis and Improvement of Reliability Through Coding for Safety Message Broadcasting in Urban Vehicular Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2018</b> , 67, 6774-6787	6.8	21
284	High-Order Intensity Modulations for OSTBC in Free-Space Optical MIMO Communications. <i>IEEE Wireless Communications Letters</i> , <b>2013</b> , 2, 607-610	5.9	21
283	. <i>IEEE Transactions on Communications</i> , <b>2011</b> , 59, 987-997	6.9	21
282	<b>2016</b> ,		21
281	A Design of Physical-Layer Raptor Codes for Wide SNR Ranges. <i>IEEE Communications Letters</i> , <b>2014</b> , 18, 491-494	3.8	20
280	Constructions of Optimal and Near-Optimal Quasi-Complementary Sequence Sets from Singer Difference Sets. <i>IEEE Wireless Communications Letters</i> , <b>2013</b> , 2, 487-490	5.9	20
279	Power Control in Cognitive Radios under Cooperative and Non-Cooperative Spectrum Sensing. <i>IEEE Transactions on Wireless Communications</i> , <b>2011</b> , 10, 4238-4248	9.6	20
278	. <i>IEEE Transactions on Information Theory</i> , <b>2020</b> , 66, 669-678	2.8	20

277	Improved orthogonal frequency division multiplexing with generalised index modulation. <i>IET Communications</i> , <b>2016</b> , 10, 969-974	1.3	19
276	Orthogonal frequency division multiplexing with generalized index modulation <b>2014</b> ,		19
275	Cooperative positioning for emergency responders using self IMU and peer-to-peer radios measurements. <i>Information Fusion</i> , <b>2020</b> , 56, 93-102	16.7	19
274	A Proof-of-Quality-Factor (PoQF)-Based Blockchain and Edge Computing for Vehicular Message Dissemination. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 2468-2482	10.7	19
273	Achieve Privacy-Preserving Priority Classification on Patient Health Data in Remote eHealthcare System. <i>IEEE Access</i> , <b>2019</b> , 7, 33565-33576	3.5	18
272	Improving the Belief-Propagation Convergence of Irregular LDPC Codes Using Column-Weight Based Scheduling. <i>IEEE Communications Letters</i> , <b>2015</b> , 19, 1283-1286	3.8	18
271	Efficient Real-Time Coding-Assisted Heterogeneous Data Access in Vehicular Networks. <i>IEEE Internet of Things Journal</i> , <b>2018</b> , 5, 3499-3512	10.7	18
270	Performance Analysis of Two-Way Multiple-Antenna Relaying with Network Coding <b>2009</b> ,		18
269	Edge Intelligence for Autonomous Driving in 6G Wireless System: Design Challenges and Solutions. <i>IEEE Wireless Communications</i> , <b>2021</b> , 28, 40-47	13.4	18
268	Low-Complexity Iterative Row-Column Soft Decision Feedback Algorithm for 2-D Inter-Symbol Interference Channel Detection With Gaussian Approximation. <i>IEEE Transactions on Magnetics</i> , <b>2013</b> , 49, 4768-4773	2	17
267	Cluster-based transform domain communication systems for high spectrum efficiency. <i>IET Communications</i> , <b>2012</b> , 6, 2734-2739	1.3	17
266	Beamformer Design for the MIMO Interference Channels under Limited Channel Feedback. <i>IEEE Transactions on Communications</i> , <b>2013</b> , 61, 3246-3258	6.9	17
265	Retention-Aware Belief-Propagation Decoding for NAND Flash Memory. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2017</b> , 64, 725-729	3.5	16
264	Secrecy Throughput Maximization for Full-Duplex Wireless Powered IoT Networks Under Fairness Constraints. <i>IEEE Internet of Things Journal</i> , <b>2019</b> , 6, 6964-6976	10.7	16
263	Ultrawideband Channel Estimation: A Bayesian Compressive Sensing Strategy Based on Statistical Sparsity. <i>IEEE Transactions on Vehicular Technology</i> , <b>2015</b> , 64, 1819-1832	6.8	16
262	BABOC-Based Ranging Method With Multipath Mitigation. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2005</b> , 4, 492-495	3.8	16
261	New Optimal Binary Z-Complementary Pairs of Odd Length $2^m+3$ . <i>IEEE Signal Processing Letters</i> , <b>2019</b> , 26, 1931-1934	3.2	16
260	Reversible and Fast Responsive Optical Fiber Relative Humidity Sensor Based on Polyelectrolyte Self-Assembly Multilayer Film. <i>IEEE Sensors Journal</i> , <b>2018</b> , 18, 1081-1086	4	15

259	Batched Network Coding With Adaptive Recoding for Multi-Hop Erasure Channels With Memory. <i>IEEE Transactions on Communications</i> , <b>2018</b> , 66, 1042-1052	6.9	15
258	Two-Phase Cooperative Broadcasting Based on Batched Network Code. <i>IEEE Transactions on Communications</i> , <b>2016</b> , 64, 706-714	6.9	15
257	A New Insight Into GAMP and AMP. <i>IEEE Transactions on Vehicular Technology</i> , <b>2019</b> , 68, 8264-8269	6.8	15
256	Low-Complexity Belief-Propagation Decoding via Dynamic Silent-Variable-Node-Free Scheduling. <i>IEEE Communications Letters</i> , <b>2017</b> , 21, 28-31	3.8	15
255	Informed Fixed Scheduling for Faster Convergence of Shuffled Belief-Propagation Decoding. <i>IEEE Communications Letters</i> , <b>2017</b> , 21, 32-35	3.8	15
254	Joint Base Station selection and linear precoding for cellular networks with multi-cell processing <b>2010</b> ,		15
253	Image Content Authentication Using Pinned Sine Transform. <i>Eurasip Journal on Advances in Signal Processing</i> , <b>2004</b> , 2004, 1	1.9	15
252	Edge-Based Dynamic Scheduling for Belief-Propagation Decoding of LDPC and RS Codes. <i>IEEE Transactions on Communications</i> , <b>2017</b> , 65, 525-535	6.9	14
251	Spectrally-Constrained Sequences: Bounds and Constructions. <i>IEEE Transactions on Information Theory</i> , <b>2018</b> , 64, 2571-2582	2.8	14
250	Blind Detection of Interleaver Parameters for Non-Binary Coded Data Streams <b>2009</b> ,		14
249	Fractionally Spaced Frequency-Domain MMSE Receiver for OFDM Systems. <i>IEEE Transactions on Vehicular Technology</i> , <b>2010</b> , 59, 4400-4407	6.8	14
248	V2X Content Distribution Based on Batched Network Coding With Distributed Scheduling. <i>IEEE Access</i> , <b>2018</b> , 6, 59449-59461	3.5	14
247	Communication and Computing Resource Optimization for Connected Autonomous Driving. <i>IEEE Transactions on Vehicular Technology</i> , <b>2020</b> , 69, 12652-12663	6.8	13
246	Space-Time/Frequency Line Coded OFDM: System Design and Practical Implementation. <i>IEEE Access</i> , <b>2019</b> , 7, 151915-151928	3.5	13
245	. <i>IEEE Transactions on Wireless Communications</i> , <b>2014</b> , 13, 4179-4192	9.6	13
244	New optimal binary Z-complementary pairs of odd lengths <b>2017</b> ,		13
243	Check Node Reliability-Based Scheduling for BP Decoding of Non-Binary LDPC Codes. <i>IEEE Transactions on Communications</i> , <b>2013</b> , 61, 877-885	6.9	13
242	Development and performance evaluation of mobile WiMAX testbed <b>2007</b> ,		13



241	A Semi-Empirical Performance Study of Two-Hop DSRC Message Relaying at Road Intersections. <i>Information (Switzerland)</i> , <b>2018</b> , 9, 147	2.6	12
240	Optimized Code Design for Constrained DNA Data Storage With Asymmetric Errors. <i>IEEE Access</i> , <b>2019</b> , 7, 84107-84121	3.5	12
239	Full-rate full-diversity STBC with constellation rotation		12
238	Quasi-orthogonal STBC with minimum decoding complexity: further results		12
237	Quasi-Universal BATS Code. <i>IEEE Transactions on Vehicular Technology</i> , <b>2017</b> , 66, 3497-3501	6.8	11
236	. <i>IEEE Transactions on Multimedia</i> , <b>2018</b> , 20, 271-281	6.6	11
235	16-QAM Almost-Complementary Sequences With Low PMEPR. <i>IEEE Transactions on Communications</i> , <b>2016</b> , 64, 668-679	6.9	11
234	Thresholdless energy detection for ultra-wideband block-coded OOK signals. <i>Electronics Letters</i> , <b>2008</b> , 44, 755	1.1	11
233	Unitary Differential Space-Time Modulation With Joint Modulation. <i>IEEE Transactions on Vehicular Technology</i> , <b>2007</b> , 56, 3937-3944	6.8	11
232	High-Resolution UWB Ranging based on Phase-Only Correlator <b>2007</b> ,		11
231	Single-symbol-decodable differential space-time modulation based on QO-STBC. <i>IEEE Transactions on Wireless Communications</i> , <b>2006</b> , 5, 3329-3334	9.6	11
230	Analysis of Tone Reservation Method for WiMAX System <b>2006</b> ,		11
229	Asymptotically Locally Optimal Weight Vector Design for a Tighter Correlation Lower Bound of Quasi-Complementary Sequence Sets. <i>IEEE Transactions on Signal Processing</i> , <b>2017</b> , 65, 3107-3119	4.8	10
228	Decision-Directed Retention-Failure Recovery With Channel Update for MLC NAND Flash Memory. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2018</b> , 65, 353-365	3.9	10
227	Optimal Binary Periodic Almost-Complementary Pairs. <i>IEEE Signal Processing Letters</i> , <b>2016</b> , 23, 1816-1820.	9.2	10
226	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2014</b> , 52, 6999-7007	8.1	10
225	Optimal BER-Balanced Combining for Weighted Energy Detection of UWB OOK Signals. <i>IEEE Communications Letters</i> , <b>2013</b> , 17, 353-356	3.8	10
224	A new construction of zero correlation zone sequences from generalized reed-muller codes <b>2014</b> ,		10

223	Modified Phase-Only Correlator with Kurtosis-Based Amplified-Noise Suppression. <i>IEEE Transactions on Wireless Communications</i> , <b>2010</b> , 9, 3341-3345	9.6	10
222	Generalized perturbation analysis of distortion in semiconductor lasers. <i>Journal of Applied Physics</i> , <b>1992</b> , 71, 1102-1108	2.5	10
221	Asymmetric Iterative Multi-Track Detection for 2-D Non-Binary LDPC-Coded Magnetic Recording. <i>IEEE Transactions on Magnetics</i> , <b>2013</b> , 49, 5215-5221	2	9
220	<b>2015</b> ,		9
219	Joint optimization of sensing threshold and transmission power in wideband cognitive radio with energy detection. <i>Radio Science</i> , <b>2013</b> , 48, 359-370	1.4	9
218	Optimization of Fast-Decodable Full-Rate STBC with Non-Vanishing Determinants. <i>IEEE Transactions on Communications</i> , <b>2011</b> , 59, 2063-2069	6.9	9
217	Localization of passive target based on UWB backscattering range measurement <b>2009</b> ,		9
216	Receiver design for multicarrier CDMA using frequency-domain oversampling. <i>IEEE Transactions on Wireless Communications</i> , <b>2009</b> , 8, 2236-2241	9.6	9
215	Optimising quasi-orthogonal STBC through group-constrained linear transformation. <i>IET Communications</i> , <b>2007</b> , 1, 373	1.3	9
214	Generating correlated Nakagami fading signals with arbitrary correlation and fading parameters		9
213	High capacity DNA data storage with variable-length Oligonucleotides using repeat accumulate code and hybrid mapping. <i>Journal of Biological Engineering</i> , <b>2019</b> , 13, 89	6.3	9
212	Deep neural network-aided Gaussian message passing detection for ultra-reliable low-latency communications. <i>Future Generation Computer Systems</i> , <b>2019</b> , 95, 629-638	7.5	8
211	Leader Based Group Routing in Disconnected Mobile Ad Hoc Networks with Group Mobility. <i>Wireless Personal Communications</i> , <b>2013</b> , 71, 2003-2021	1.9	8
210	Non-binary LDPC code with multiple memory reads for multi-level-cell (MLC) flash <b>2014</b> ,		8
209	Markov Chain Monte Carlo Based Detection for Two-Dimensional Intersymbol Interference Channels. <i>IEEE Transactions on Magnetics</i> , <b>2011</b> , 47, 471-478	2	8
208	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2011</b> , 60, 174-184	6.8	8
207	Performance Analysis of $M$ -PSK/ $M$ -QAM Modulated Orthogonal Space-Time Block Codes in Keyhole Channels. <i>IEEE Transactions on Vehicular Technology</i> , <b>2009</b> , 58, 1036-1043	6.8	8
206	Modified Block Diagonalization Precoding in Multicell Cooperative Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2012</b> , 61, 3819-3824	6.8	8

205	Blind identification of convolutional interleaver parameters <b>2009</b> ,		8
204	Mitigation of cross-modulation interference in UWB energy detector receivers. <i>IEEE Communications Letters</i> , <b>2009</b> , 13, 375-377	3.8	8
203	Shift-orthogonal space-time block codes. <i>IEEE Transactions on Communications</i> , <b>2010</b> , 58, 1605-1609	6.9	8
202	Construction of quasi orthogonal STBC with minimum decoding complexity		8
201	Sensing-throughput tradeoff for cooperative multiple-input single-output cognitive radio. <i>International Journal of Communication Systems</i> , <b>2015</b> , 28, 848-860	1.7	7
200	Joint optimisation algorithm of cooperative spectrum sensing with cooperative overhead and sub-band transmission power for wideband cognitive radio network. <i>Transactions on Emerging Telecommunications Technologies</i> , <b>2015</b> , 26, 586-597	1.9	7
199	Sparse Vector Recovery: Bernoulli-Gaussian Message Passing <b>2017</b> ,		7
198	Detector for MLC NAND Flash Memory Using Neighbor-A-Priori Information. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , <b>2016</b> , 24, 2827-2836	2.6	7
197	CEO: Consistency of Encoding and Overhearing in Network Coding-Aware Routing. <i>IEEE Wireless Communications Letters</i> , <b>2013</b> , 2, 187-190	5.9	7
196	. <i>China Communications</i> , <b>2013</b> , 10, 65-73	3	7
195	EFFECT OF STEERING ERROR VECTOR AND ANGULAR POWER DISTRIBUTIONS ON BEAMFORMING AND TRANSMIT DIVERSITY SYSTEMS IN CORRELATED FADING CHANNEL. <i>Progress in Electromagnetics Research</i> , <b>2010</b> , 105, 383-402	3.8	7
194	Algebraic Relationship between Amicable Orthogonal Designs and Quasi-Orthogonal STBC with Minimum Decoding Complexity <b>2006</b> ,		7
193	APOC-based ranging method with multipath mitigation in the NLOS environment. <i>Microwave and Optical Technology Letters</i> , <b>2005</b> , 47, 318-320	1.2	7
192	Statistical adaptive modulation for QAM-OFDM systems		7
191	A Blockchain Based Federated Learning for Message Dissemination in Vehicular Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2022</b> , 71, 1927-1940	6.8	7
190	BATS code with unequal error protection <b>2016</b> ,		7
189	Packet Efficiency of BATS Coding on Wireless Relay Network with Overhearing <b>2019</b> ,		7
188	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2018</b> , 67, 11525-11536	6.8	7

187	. <i>IEEE Communications Letters</i> , <b>2019</b> , 23, 1186-1189	3.8	6
186	On the Joint Impact of SU Mobility and PU Activity in Cognitive Vehicular Networks with Improved Energy Detection <b>2019</b> ,		6
185	Centralised cooperative spectrum sensing under correlated shadowing. <i>IET Communications</i> , <b>2014</b> , 8, 1996-2007	1.3	6
184	Performance Analysis of Finite-Length Spatial-Temporal Network Coding. <i>IEEE Communications Letters</i> , <b>2014</b> , 18, 1163-1166	3.8	6
183	Two-Valued Periodic Complementary Sequences. <i>IEEE Signal Processing Letters</i> , <b>2017</b> , 24, 1270-1274	3.2	6
182	Improving achievable rate for the two-user SISO interference channel with improper Gaussian signaling <b>2012</b> ,		6
181	On the Diversity-Multiplexing Tradeoff of Amplify-and-Forward Half-Duplex Relaying. <i>IEEE Transactions on Communications</i> , <b>2010</b> , 58, 3621-3630	6.9	6
180	Complexity Reduction for MC-CDMA With MMSEC. <i>IEEE Transactions on Vehicular Technology</i> , <b>2008</b> , 57, 1989-1993	6.8	6
179	Asynchronous Classification of High-Order QAMs <b>2008</b> ,		6
178	On the Diversity Order of AF Cooperative Systems with Inter-Relay Interference Cancellation. <i>IEEE Vehicular Technology Conference</i> , <b>2008</b> ,	0.1	6
177	Multicarrier channels with non-identical subcarrier fading distributions-analysis and adaptation. <i>IEEE Communications Letters</i> , <b>2004</b> , 8, 368-370	3.8	6
176	Quasi-Orthogonal Space-Time Block Code. <i>Communications and Signal Processing</i> , <b>2007</b> ,		6
175	Doppler Resilient Orthogonal Time-Frequency Space (OTFS) Systems Based on Index Modulation <b>2020</b> ,		6
174	Spatial-Temporal Network Coding Based on BATS Code. <i>IEEE Communications Letters</i> , <b>2017</b> , 21, 620-623	3.8	5
173	Impact of Big Vehicle Shadowing on Vehicle-to-Vehicle Communications. <i>IEEE Transactions on Vehicular Technology</i> , <b>2020</b> , 69, 6902-6915	6.8	5
172	Cross Z-Complementary Pairs for Optimal Training in Spatial Modulation Over Frequency Selective Channels. <i>IEEE Transactions on Signal Processing</i> , <b>2020</b> , 68, 1529-1543	4.8	5
171	Low-Complexity Single-Channel Blind Separation of Co-Frequency Coded Signals. <i>IEEE Communications Letters</i> , <b>2018</b> , 22, 990-993	3.8	5
170	A New Weight Vector for a Tighter Levenshtein Bound on Aperiodic Correlation. <i>IEEE Transactions on Information Theory</i> , <b>2014</b> , 60, 1356-1366	2.8	5

169	Coding and signal processing for ultra-high density magnetic recording channels <b>2014</b> ,		5
168	Embedded Marker Code for Channels Corrupted by Insertions, Deletions, and AWGN. <i>IEEE Transactions on Magnetics</i> , <b>2013</b> , 49, 2535-2538	2	5
167	Routing strategy in disconnected mobile ad hoc networks with group mobility. <i>Eurasip Journal on Wireless Communications and Networking</i> , <b>2013</b> , 2013,	3.2	5
166	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2013</b> , 62, 596-605	6.8	5
165	Single-channel blind separation of co-frequency MPSK signals based on PSP algorithm with DFSE <b>2015</b> ,		5
164	Combined orthogonal physical-layer network coding over fading two-way relay channels. <i>International Journal of Communication Systems</i> , <b>2014</b> , 27, 4265-4279	1.7	5
163	Narrow-Band Interference Suppression in Impulse-Radio Ultrawideband Systems. <i>IEEE Transactions on Vehicular Technology</i> , <b>2014</b> , 63, 3440-3446	6.8	5
162	An improved tamper detection and localization scheme for volumetric DICOM images. <i>Journal of Digital Imaging</i> , <b>2012</b> , 25, 751-63	5.3	5
161	Space-Time Codes with Block-Orthogonal Structure and Their Simplified ML and Near-ML Decoding <b>2010</b> ,		5
160	Unbalanced and Balanced 2-Group Decodable Spatial Multiplexing Code <b>2009</b> ,		5
159	On the Decoding and Optimizing Performance of Four-Group Decodable Space-Time Block Codes <b>2006</b> ,		5
158	Perception based binary image watermarking		5
157	Joint bit-loading and power-allocation for OFDM systems based on statistical frequency-domain fading model		5
156	Characterization of power distribution lines for high-speed data transmission		5
155	On Sensing Performance of Multi-antenna Mobile Cognitive Radio conditioned on Primary User Activity Statistics. <i>IEEE Transactions on Wireless Communications</i> , <b>2021</b> , 1-1	9.6	5
154	Performance Analysis of NOMA in Vehicular Communications Over i.n.i.d Nakagami-m Fading Channels. <i>IEEE Transactions on Wireless Communications</i> , <b>2021</b> , 1-1	9.6	5
153	Enabling Efficient and Privacy-Preserving Health Query Over Outsourced Cloud. <i>IEEE Access</i> , <b>2018</b> , 6, 70831-70842	3.5	5
152	Variable-Rate Coding With Constant BER for NOMA via Multilevel IRA Coding. <i>IEEE Transactions on Vehicular Technology</i> , <b>2019</b> , 68, 5149-5153	6.8	4

151	An efficient and privacy-Preserving pre-clinical guide scheme for mobile eHealthcare. <i>Journal of Information Security and Applications</i> , <b>2019</b> , 46, 271-280	3.5	4
150	BEM-PSP for Single-Carrier and SC-FDMA Communication Over a Doubly Selective Fading Channel. <i>IEEE Transactions on Wireless Communications</i> , <b>2020</b> , 19, 3924-3937	9.6	4
149	Cellular-V2X Communications With Weighted-Power-Based Mode Selection. <i>IEEE Open Journal of the Communications Society</i> , <b>2020</b> , 1, 386-400	6.7	4
148	Performance Analysis of Network Coding With Virtual Overhearing in Wireless Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2015</b> , 64, 2051-2061	6.8	4
147	. <i>IEEE Transactions on Magnetics</i> , <b>2015</b> , 51, 1-6	2	4
146	Improved Min-Sum Decoding for 2-D Intersymbol Interference Channels. <i>IEEE Transactions on Magnetics</i> , <b>2014</b> , 50, 1-4	2	4
145	Performance of channel coding and equalization for acoustic telemetry along drill strings <b>2014</b> ,		4
144	Pre/Post-Rake Diversity Combining for UWB Communications in the Presence of Pulse Overlap. <i>IEEE Transactions on Wireless Communications</i> , <b>2012</b> , 11, 481-487	9.6	4
143	On optimal binary Z-complementary pair of odd period <b>2013</b> ,		4
142	Wireless compressive sensing for energy harvesting sensor nodes over fading channels <b>2013</b> ,		4
141	Optimization of acoustic communication for industrial drilling <b>2013</b> ,		4
140	Blind combining for weighted energy detection of UWB signals. <i>Electronics Letters</i> , <b>2011</b> , 47, 55	1.1	4
139	A frequency-domain oversampling detector for zero-padded MC-CDMA systems <b>2009</b> ,		4
138	Meeting the Levenshtein bound with equality by weighted-correlation complementary set <b>2012</b> ,		4
137	Turbo Product Codes for Mobile Multimedia Broadcasting With Partial-Time Jamming. <i>IEEE Transactions on Broadcasting</i> , <b>2007</b> , 53, 256-262	4.7	4
136	<b>2007</b> ,		4
135	Channel model of broadband power-line communication network with ring topology. <i>IET Generation, Transmission and Distribution</i> , <b>2006</b> , 153, 584		4
134	Joint timing and frequency synchronization for IEEE 802.16 OFDM systems <b>2007</b> ,		4

133	Development of a test bed for high-speed power line communications		4
132	New Complementary Sets With Low PAPR Property Under Spectral Null Constraints. <i>IEEE Transactions on Information Theory</i> , <b>2020</b> , 66, 7022-7032	2.8	4
131	Multi-Dimensional Polarized Modulation for Land Mobile Satellite Communications. <i>IEEE Transactions on Cognitive Communications and Networking</i> , <b>2021</b> , 7, 383-397	6.6	4
130	CPM Training Waveforms With Autocorrelation Sidelobes Close to Zero. <i>IEEE Transactions on Vehicular Technology</i> , <b>2018</b> , 67, 11269-11273	6.8	4
129	A New Collusion Attack and Its Performance Evaluation. <i>Lecture Notes in Computer Science</i> , <b>2003</b> , 64-80	0.9	4
128	Reconfigurable Intelligent Surface for Low-Latency Edge Computing in 6G. <i>IEEE Wireless Communications</i> , <b>2021</b> , 28, 72-79	13.4	4
127	Unimodular Sequence Design with Good Local Auto- and Cross-Ambiguity Function for MSPSR System <b>2019</b> ,		3
126	Optimal Power Allocation for Diffusion-Type Sensor Networks With Wireless Information and Power Transfer. <i>IEEE Access</i> , <b>2019</b> , 7, 32408-32422	3.5	3
125	Cooperative quadrature physical layer network coding in wireless relay networks. <i>International Journal of Communication Systems</i> , <b>2015</b> , 28, 112-126	1.7	3
124	Network Coding Based BSM Broadcasting at Road Intersection in V2V Communication <b>2016</b> ,		3
123	Optimal Scheduling for Multi-Hop Video Streaming with Network Coding in Vehicular Networks <b>2018</b> ,		3
122	. <i>IEEE Access</i> , <b>2018</b> , 6, 37918-37931	3.5	3
121	Cooperative Cache Transfer-based On-demand Network Coded Broadcast in Vehicular Networks. <i>Transactions on Embedded Computing Systems</i> , <b>2019</b> , 18, 1-20	1.8	3
120	An Achievable Region for Double-Unicast Networks With Linear Network Coding. <i>IEEE Transactions on Communications</i> , <b>2014</b> , 62, 3621-3630	6.9	3
119	Coding and Detection for Channels With Written-In Errors and Inter-Symbol Interference. <i>IEEE Transactions on Magnetics</i> , <b>2014</b> , 50, 1-6	2	3
118	3-Time-Slot Group-Decodable STBC with Full Rate and Full Diversity. <i>IEEE Communications Letters</i> , <b>2012</b> , 16, 86-88	3.8	3
117	Bit-Level Soft-Decision Decoding of Triple-Parity Reed-Solomon Codes through Automorphism Groups. <i>IEEE Communications Letters</i> , <b>2013</b> , 17, 553-556	3.8	3
116	An Improved Hybrid Turbo Equalizer for Single Carrier Transmission with Impulsive Noise and ISI. <i>IEEE Transactions on Vehicular Technology</i> , <b>2017</b> , 66, 9852-9861	6.8	3

115	Precoder Designs for the Relay-Aided X Channel Without Source CSI. <i>IEEE Transactions on Signal Processing</i> , <b>2017</b> , 65, 41-55	4.8	3
114	BSM dissemination with network coded relaying in VANETs at NLOS intersections <b>2017</b> ,		3
113	Optimal spectrally-constrained sequences <b>2015</b> ,		3
112	Dynamic write-level and read-level signal design for MLC NAND flash memory <b>2014</b> ,		3
111	USRP based OFDM radar systems for doorway detection <b>2014</b> ,		3
110	Reduced Functional dependence graphs and their applications <b>2012</b> ,		3
109	Improper Gaussian signaling for the K-user SISO interference channel <b>2013</b> ,		3
108	Modulation classification for asynchronous high-order QAM signals. <i>Wireless Communications and Mobile Computing</i> , <b>2011</b> , 11, 1415-1422	1.9	3
107	Dual-Feed Cavity-Backed Slot Antennas. <i>Journal of Electromagnetic Waves and Applications</i> , <b>2010</b> , 24, 13-23	1.3	3
106	Pseudocoherent Detection of OOK/PPM Signals as Zero-Delay Transmitted-Reference Signals With Bandpass Downsampling for UWB Communications. <i>IEEE Transactions on Vehicular Technology</i> , <b>2009</b> , 58, 4141-4148	6.8	3
105	G-ER: Group-epidemic routing for mobile ad hoc networks with buffer sharing mechanism <b>2011</b> ,		3
104	An Analysis of K-Connectivity in Shadowing and Nakagami Fading Wireless Multi-Hop Networks. <i>IEEE Vehicular Technology Conference</i> , <b>2008</b> ,	0.1	3
103	. <i>IEEE Transactions on Wireless Communications</i> , <b>2007</b> , 6, 1551-1559	9.6	3
102	Channel-Matched Spreading Codes for the Downlink of MC-CDMA <b>2007</b> ,		3
101	FEC performance of PMD-impaired optical communication system with multiple-wavelength interleaving. <i>IEEE Photonics Technology Letters</i> , <b>2004</b> , 16, 936-938	2.2	3
100	Decoding of quasiorthogonal space-time block code with noise whitening		3
99	Modified Jakes' model for simulating multiple uncorrelated fading waveforms		3
98	A Novel Receiver Design of Nonorthogonal FDM Systems in Underwater Acoustics Communication. <i>IEEE Systems Journal</i> , <b>2020</b> , 14, 3875-3884	4.3	3



97	On the energy detection performance of multi-antenna correlated receiver for vehicular communication using MGF approach. <i>IET Communications</i> , <b>2020</b> , 14, 1858-1868	1.3	3
96	An Experiment on Delay-tolerant MIMO Visible Light Communication System. <i>Procedia Engineering</i> , <b>2016</b> , 140, 176-182		3
95	Energy harvesting two-way relaying with antenna selection scheme. <i>IET Communications</i> , <b>2019</b> , 13, 198-204		3
94	<b>2019</b> ,		3
93	A Request-Transmission Splitting Scheme for V2X Networks: Design and Throughput Analysis. <i>IEEE Access</i> , <b>2019</b> , 7, 158317-158325	3.5	3
92	Oligo Design with Single Primer Binding Site for High Capacity DNA-Based Data Storage. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , <b>2020</b> , 17, 2176-2182	3	3
91	Physical Layer Security in Cognitive Vehicular Networks. <i>IEEE Transactions on Communications</i> , <b>2021</b> , 69, 2557-2569	6.9	3
90	Spectrum-Learning-Aided Reconfigurable Intelligent Surfaces for Green 5G Networks. <i>IEEE Network</i> , <b>2021</b> , 35, 20-26	11.4	3
89	Mitigating Stuck Cell Failures in MLC NAND Flash Memory via Inferred Erasure Decoding. <i>IEEE Transactions on Very Large Scale Integration (VLSI) Systems</i> , <b>2017</b> , 25, 2285-2295	2.6	2
88	DNN-Aided Message Passing Based Block Sparse Bayesian Learning for Joint User Activity Detection and Channel Estimation <b>2019</b> ,		2
87	Low-PMEPR Preamble Sequence Design for Dynamic Spectrum Allocation in OFDMA Systems. <i>IEEE Transactions on Communications</i> , <b>2020</b> , 68, 2922-2933	6.9	2
86	Finite-length extrinsic information transfer analysis and design of protograph low-density parity-check codes for ultra-high-density magnetic recording channels. <i>IET Communications</i> , <b>2016</b> , 10, 1303-1311	1.3	2
85	Optimal wireless power transfer and harvested power allocation for diffusion LMS in wireless sensor networks <b>2015</b> ,		2
84	64-QAM complementary sets for high-rate OFDM transmissions <b>2013</b> ,		2
83	Sub-stream fairness and numerical correctness in MIMO interference channels <b>2013</b> ,		2
82	Single-channel blind separation of co-frequency PSK signals with unknown carrier frequency offsets <b>2017</b> ,		2
81	Finite-SNR Precoder Designs for the Interference Relay Channel Without CSI at the transmitters. <i>IEEE Transactions on Communications</i> , <b>2015</b> , 63, 4754-4767	6.9	2
80	Asymptotic performance analysis of protograph LDPC-coded STBC systems in fading channels <b>2015</b> ,		2

79	Shuffled Multi-Track Detection for Shingled Magnetic Recording Channels With an Array of Read Heads. <i>IEEE Transactions on Magnetics</i> , <b>2014</b> , 50, 1-4	2	2
78	On the modulation and signalling design for a transform domain communication system. <i>IET Communications</i> , <b>2014</b> , 8, 2909-2916	1.3	2
77	Towards optimal edge weight distribution and construction of field-compatible low-density parity-check codes over GF(q). <i>IET Communications</i> , <b>2014</b> , 8, 3215-3222	1.3	2
76	Utility maximization for wirelessly powered multiple-antenna systems <b>2014</b> ,		2
75	Quadratic weight vector for tighter aperiodic Levenshtein bound <b>2013</b> ,		2
74	MISO interference channel with improper Gaussian signaling <b>2013</b> ,		2
73	On the degrees of freedom of the 3-user rank-deficient MIMO interference channels <b>2013</b> ,		2
72	Block-orthogonal space-time codes with decoding complexity reduction <b>2010</b> ,		2
71	Optimal Channel and Time-Of-Arrival Estimation for IR-UWB in the Presence of Pulse Overlap <b>2010</b> ,		2
70	Delay-Tolerant Cooperative Diversity Routing MANET <b>2010</b> ,		2
69	Novel pseudorandom phase generation in transform domain communication systems <b>2011</b> ,		2
68	Limited feedback for multi-antenna multi-user communications with Generalized Multi-Unitary Decomposition <b>2008</b> ,		2
67	An onOff-Keying Optical Receiver With Dual Thresholds and Erasure Zone. <i>IEEE Photonics Technology Letters</i> , <b>2007</b> , 19, 1592-1594	2.2	2
66	Improved Code Shortening for Block and Product Codes		2
65	Space-Time Block Codes in Nakagami Fading Channels with Non-Identical m-Distributions <b>2007</b> ,		2
64	BER performance of transmitted-reference UWB systems with notch filter in the presence of inter-pulse interference and partial-band interference <b>2007</b> ,		2
63	Slant transform watermarking for textured images		2
62	Orthogonal space-time block code from amicable complex orthogonal design		2

61	Imperceptible data embedding in sharply-contrasted binary images		2
60	Performance of Asynchronous MC-CDMA Systems with Maximal Ratio Combining in Frequency-Selective Fading Channels. <i>Eurasip Journal on Advances in Signal Processing</i> , <b>2004</b> , 2004, 1	1.9	2
59	Improved Bit Rate Control for Real-Time MPEG Watermarking. <i>Eurasip Journal on Advances in Signal Processing</i> , <b>2004</b> , 2004, 1	1.9	2
58	Impact of Primary User Activity Statistics in Cognitive Vehicular Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 1-1	6.8	2
57	Learning to Schedule Joint Radar-Communication With Deep Multi-Agent Reinforcement Learning. <i>IEEE Transactions on Vehicular Technology</i> , <b>2022</b> , 71, 406-422	6.8	2
56	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2020</b> , 69, 1679-1694	6.8	2
55	Fast GAMP Algorithm for Nonlinearly Distorted OFDM Signals. <i>IEEE Communications Letters</i> , <b>2021</b> , 25, 1682-1686	3.8	2
54	Performance Analysis of Space-Time Line Code in Correlated Fading Channels. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 70, 6244-6248	6.8	2
53	Efficient, Fair, and QoS-Aware Policies for Wirelessly Powered Communication Networks. <i>IEEE Transactions on Communications</i> , <b>2020</b> , 68, 5892-5907	6.9	1
52	Design and Analysis of Anytime Codes for Relay Channels. <i>IEEE Transactions on Communications</i> , <b>2018</b> , 66, 1349-1362	6.9	1
51	Coplanar waveguide wideband bandpass filter and its application to ultra-wideband pulse generation. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , <b>2012</b> , 22, 370-376	1.5	1
50	Joint routing and random network coding for multi-session networks <b>2013</b> ,		1
49	On the mutual information between random variables in networks <b>2013</b> ,		1
48	A New Transmit Beamforming Scheme for Bidirectional Relaying. <i>Wireless Personal Communications</i> , <b>2017</b> , 97, 5929-5939	1.9	1
47	Joint Source-Channel Coding for Asymmetric Slepian-Wolf Multiple Access Relay Channel. <i>IEEE Wireless Communications Letters</i> , <b>2017</b> , 6, 642-645	5.9	1
46	Reliable broadcast to a user group with limited source transmissions <b>2015</b> ,		1
45	Turbo equalization for waveforms encoded by Reed Solomon codes <b>2015</b> ,		1
44	Dynamic channel estimation and power allocation for wireless power beamforming <b>2014</b> ,		1

43	Improved two-stage CMA-based blind receivers for joint equalisation and multiuser detection. <i>IET Communications</i> , <b>2012</b> , 6, 1131	1.3	1
42	Cooperative Spectrum Sensing in Cognitive Radio Networks with Weighted Decision Fusion Scheme <b>2010</b> ,		1
41	Performance analysis of transmitted-reference UWB systems with narrowband interference suppression. <i>Wireless Communications and Mobile Computing</i> , <b>2009</b> , 9, 1081-1088	1.9	1
40	Multi-User SISO Precoding Based on Generalized Multi-Unitary Decomposition for Single-Carrier Transmission in Frequency Selective Channel <b>2009</b> ,		1
39	Application of the grain flipping probability model to heat assisted magnetic recording. <i>Journal of Applied Physics</i> , <b>2012</b> , 111, 07B714	2.5	1
38	Performance Analysis of Binned Orthogonal/Bi-Orthogonal Block Code as Dirty-Paper Code for Digital Watermarking Application. <i>IEEE Signal Processing Letters</i> , <b>2009</b> , 16, 208-211	3.2	1
37	Resolving overlapped UWB pulses using novel non-chirp UWB waveforms and Phase-Only Correlator <b>2009</b> ,		1
36	On the diversity performance of nonregenerative cooperative transmission systems <b>2007</b> ,		1
35	Effectiveness of tone-reservation using null subcarriers (TR-NS) in WiMAX systems <b>2007</b> ,		1
34	Application of erasure decoding in fiber optical systems with FEC		1
33	Improvement of dispersion tolerance using wavelength-interleaving and forward error correction. <i>Optics Communications</i> , <b>2006</b> , 268, 226-230	2	1
32	Differential transmit diversity based on quasi-orthogonal space-time block code		1
31	Performance of iterative multiuser receivers for turbo-coded asynchronous DS-CDMA systems over flat-fading channels. <i>IET Communications</i> , <b>2005</b> , 152, 705		1
30	Cholesky decomposition model for correlated MRC diversity systems in Nakagami fading channels		1
29	Watermarking of streaming video for finger-printing applications		1
28	Information-theoretic comparisons of cellular multiple-access systems with bandwidth-dependent fading considerations. <i>Journal of the Franklin Institute</i> , <b>2000</b> , 337, 875-905	4	1
27	<b>2021</b> ,		1
26	BER Formulation for the Blind Retrieval of MPEG Video Watermark. <i>Lecture Notes in Computer Science</i> , <b>2003</b> , 91-104	0.9	1

25	Performance Analysis of Arbitrary Correlated Multiantenna Receiver for Mobile Cognitive User <b>2020,</b>		1
24	Optimal Joint Sensing Threshold and Sub-channel Power Allocation in Multi-channel Cognitive Radio. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 251-261	0.9	1
23	Perturbed Adaptive Belief Propagation Decoding for High-Density Parity-Check Codes. <i>IEEE Transactions on Communications</i> , <b>2021</b> , 69, 2065-2079	6.9	1
22	Spatially coupled repeat-accumulate codes over half-duplex relay channel <b>2016,</b>		1
21	Degrees of Freedom of Three-User SISO-X Networks With Hybrid CSI at the Transmitters. <i>IEEE Communications Letters</i> , <b>2016</b> , 20, 1002-1005	3.8	1
20	On striking the balance between the fairness of service and throughput in roadside units based vehicular ad hoc networks. <i>International Journal of Vehicle Autonomous Systems</i> , <b>2016</b> , 13, 168	0.4	1
19	A V2X Communication System Test on Sea <b>2019,</b>		1
18	Mobile Robot Localization Based On Low-Cost LTE And Odometry In GPS-Denied Outdoor Environment <b>2019,</b>		1
17	Distributed Spectrum Sensing for Cognitive Vehicular Networks using Quasi-Newton Optimization <b>2021,</b>		1
16	Pilot design for channel estimation in Doubly Selective Channel <b>2018,</b>		1
15	Support Vector Machine-Based Blind Equalization for High-Order QAM With Short Data Length. <i>IEEE Signal Processing Letters</i> , <b>2021</b> , 28, 259-263	3.2	1
14	Balancing Weighted Substreams in MIMO Interference Channels. <i>IEEE Wireless Communications Letters</i> , <b>2014</b> , 3, 513-516	5.9	0
13	Power Allocation-Aided Enhanced SM-OFDM: Closed-form Solutions and Experimental Results. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 1-1	6.8	0
12	Robust Deep Learning Based End-to-End Receiver for OFDM System with Non-Linear Distortion. <i>IEEE Communications Letters</i> , <b>2021</b> , 1-1	3.8	0
11	Finite-Length Performance Analysis of LDPC Coded Continuous Phase Modulation. <i>IEEE Transactions on Vehicular Technology</i> , <b>2020</b> , 69, 12277-12280	6.8	0
10	Near-Optimal BEM OTFS Receiver with Low Pilot Overhead for High-Mobility Communications. <i>IEEE Transactions on Communications</i> , <b>2022</b> , 1-1	6.9	0
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