

Jong-Seon No

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

130
papers

1,457
citations

21
h-index

33
g-index

153
ext. papers

1,933
ext. citations

3.1
avg, IF

4.72
L-index

#	Paper	IF	Citations
130	Optimization of SC-LDPC Codes for Window Decoding with Target Window Sizes. <i>IEEE Transactions on Communications</i> , 2022 , 1-1	6.9	
129	Optimization of Homomorphic Comparison Algorithm on RNS-CKKS Scheme. <i>IEEE Access</i> , 2022 , 10, 26163-26176	3.5	0
128	Privacy-Preserving Machine Learning With Fully Homomorphic Encryption for Deep Neural Network. <i>IEEE Access</i> , 2022 , 10, 30039-30054	3.5	10
127	Iterative coding scheme satisfying GC balance and run-length constraints for DNA storage with robustness to error propagation. <i>Journal of Communications and Networks</i> , 2022 , 1-9	4.1	0
126	Improved Reduction Between SIS Problems Over Structured Lattices. <i>IEEE Access</i> , 2021 , 9, 157083-157092	3.5	0
125	. <i>IEEE Access</i> , 2021 , 9, 140103-140115	3.5	
124	Cooperative Sequence Clustering and Decoding for DNA Storage System with Fountain Codes. <i>Bioinformatics</i> , 2021 ,	7.2	3
123	Generalized Partially Information Coupled Polar Codes With Arbitrary Coupling Depth and Their Decoding Algorithms. <i>IEEE Access</i> , 2021 , 9, 29253-29269	3.5	
122	Analysis of Modified Shell Sort for Fully Homomorphic Encryption. <i>IEEE Access</i> , 2021 , 9, 126198-126215	3.5	
121	Minimax Approximation of Sign Function by Composite Polynomial for Homomorphic Comparison. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2021 , 1-1	3.9	5
120	Optimizing Code Parameters of Finite-Length SC-LDPC Codes Using the Scaling Law. <i>IEEE Access</i> , 2021 , 9, 118640-118650	3.5	1
119	New Design and Analysis of Error-Resilient LRCs for DSSs With Silent Disk Errors. <i>IEEE Access</i> , 2021 , 9, 124463-124477	3.5	
118	Variable-Weight Block Dual-Diagonal Structure for Low-Rate QC LDPC Codes With Low Error Floors. <i>IEEE Transactions on Communications</i> , 2020 , 68, 1344-1357	6.9	
117	Analysis of Maximal Topologies and Their DoFs in Topological Interference Management. <i>IEEE Access</i> , 2020 , 8, 26405-26418	3.5	
116	Rate-Loss Mitigation of SC-LDPC Codes Without Performance Degradation. <i>IEEE Transactions on Communications</i> , 2020 , 68, 55-65	6.9	1
115	Analysis of Error Dependencies on Newhope. <i>IEEE Access</i> , 2020 , 8, 45443-45456	3.5	2
114	Homomorphic Computation in Reed-Muller Codes. <i>IEEE Access</i> , 2020 , 8, 108622-108628	3.5	0

113	New GRP LDPC Codes for H-ARQ-IR Over the Block Fading Channel. <i>IEEE Transactions on Communications</i> , 2020 , 68, 6642-6656	6.9	3
112	Reduction From Module-SIS to Ring-SIS Under Norm Constraint of Ring-SIS. <i>IEEE Access</i> , 2020 , 8, 140998-141006	3.5	1
111	Modified pqsigRM: RM Code-Based Signature Scheme. <i>IEEE Access</i> , 2020 , 8, 177506-177518	3.5	1
110	Near-Optimal Polynomial for Modulus Reduction Using L2-Norm for Approximate Homomorphic Encryption. <i>IEEE Access</i> , 2020 , 8, 144321-144330	3.5	4
109	Error Rate-Based Log-Likelihood Ratio Processing for Low-Density Parity-Check Codes in DNA Storage. <i>IEEE Access</i> , 2020 , 8, 162892-162902	3.5	2
108	New Two-Stage Automorphism Group Decoders for Cyclic Codes. <i>IEEE Access</i> , 2020 , 8, 172123-172135	3.5	1
107	Cryptanalysis of the Ivanov-Kabatiansky-Krouk-Rumenko Cryptosystems. <i>IEEE Communications Letters</i> , 2020 , 24, 2678-2681	3.8	0
106	Overview of Binary Locally Repairable Codes for Distributed Storage Systems. <i>Electronics (Switzerland)</i> , 2019 , 8, 596	2.6	5
105	Code Equivalences Between Network Codes With Link Errors and Index Codes With Side Information Errors. <i>IEEE Access</i> , 2019 , 7, 54144-54154	3.5	2
104	Achievable Degrees of Freedom of Relay-Aided MIMO Cellular Networks Using Opposite Directional Interference Alignment. <i>IEEE Transactions on Communications</i> , 2019 , 67, 4750-4764	6.9	3
103	Modification of Frodokem Using Gray and Error-Correcting Codes. <i>IEEE Access</i> , 2019 , 7, 179564-179574	3.5	3
102	Linear Index Coding With Multiple Senders and Extension to a Cellular Network. <i>IEEE Transactions on Communications</i> , 2019 , 67, 8666-8677	6.9	3
101	New Constructions of Binary LRCs With Disjoint Repair Groups and Locality 3 Using Existing LRCs. <i>IEEE Communications Letters</i> , 2019 , 23, 406-409	3.8	5
100	Uplink Time Scheduling With Power Level Modulation Scheme in Wireless Powered Communication Networks. <i>IEEE Access</i> , 2019 , 7, 11187-11194	3.5	3
99	Design of Irregular SC-LDPC Codes With Non-Uniform Degree Distributions by Linear Programming. <i>IEEE Transactions on Communications</i> , 2019 , 67, 2632-2646	6.9	4
98	New Design of High-Rate Generalized Root Protograph LDPC Codes for Nonergodic Block Interference. <i>IEEE Communications Letters</i> , 2019 , 23, 214-217	3.8	1
97	Improving Windowed Decoding of SC LDPC Codes by Effective Decoding Termination, Message Reuse, and Amplification. <i>IEEE Access</i> , 2018 , 6, 9336-9346	3.5	7
96	New Constructions of Binary and Ternary Locally Repairable Codes Using Cyclic Codes. <i>IEEE Communications Letters</i> , 2018 , 22, 228-231	3.8	13

95	New PTS Schemes With Adaptive Selection Methods of Dominant Time-Domain Samples in OFDM Systems. <i>IEEE Transactions on Broadcasting</i> , 2018 , 64, 747-761	4.7	16
94	New Binary Locally Repairable Codes with Locality 2 and Uneven Availabilities for Hot Data. <i>Entropy</i> , 2018 , 20,	2.8	1
93	New SRRC receiver filter design with reduced number of filter taps for wireless communication systems. <i>IET Communications</i> , 2018 , 12, 1128-1133	1.3	
92	Analysis of Iterative Erasure Insertion and Decoding of FH/MFSK Systems without Channel State Information. <i>Security and Communication Networks</i> , 2018 , 2018, 1-12	1.9	
91	Ciphertext-Only Attack on Linear Feedback Shift Register-Based Esmaeili-Gulliver Cryptosystem. <i>IEEE Communications Letters</i> , 2017 , 21, 971-974	3.8	4
90	Low-Complexity PTS Schemes Using Dominant Time-Domain Samples in OFDM Systems. <i>IEEE Transactions on Broadcasting</i> , 2017 , 63, 440-445	4.7	17
89	New PTS Schemes for PAPR Reduction of OFDM Signals Without Side Information. <i>IEEE Transactions on Broadcasting</i> , 2017 , 63, 562-570	4.7	37
88	Construction of New Fractional Repetition Codes from Relative Difference Sets with \mathbb{Z}_1 . <i>Entropy</i> , 2017 , 19, 563	2.8	4
87	Reconstruction of Complex Sparse Signals in Compressed Sensing with Real Sensing Matrices. <i>Wireless Personal Communications</i> , 2017 , 97, 5719-5731	1.9	
86	Automatic gain control in high adjacent channel interference for OFDM systems 2017 ,		2
85	Index Coding With Erroneous Side Information. <i>IEEE Transactions on Information Theory</i> , 2017 , 63, 7687-7697	6.9	7
84	Punctured Reed-Muller code-based McEliece cryptosystems. <i>IET Communications</i> , 2017 , 11, 1543-1548	1.3	6
83	A new two-stage decoding scheme with unreliable path search to lower the error-floor for low-density parity-check codes. <i>IET Communications</i> , 2017 , 11, 2173-2180	1.3	2
82	On the Properties of Cubic Metric for OFDM Signals. <i>IEEE Signal Processing Letters</i> , 2016 , 23, 80-83	3.2	6
81	An Efficient Selection Method of a Transmitted OFDM Signal Sequence for Various SLM Schemes. <i>IEICE Transactions on Communications</i> , 2016 , E99.B, 703-713	0.5	3
80	Analysis of Oversampling Effect on Selected Mapping Scheme Using CORR Metric. <i>IEICE Transactions on Communications</i> , 2016 , E99.B, 364-369	0.5	
79	Anti-jamming partially regular LDPC codes for follower jamming with Rayleigh block fading in frequency hopping spread spectrum 2016 ,		1
78	New Fountain Codes With Improved Intermediate Recovery Based on Batched Zigzag Coding. <i>IEEE Transactions on Communications</i> , 2016 , 1-1	6.9	6

77	Low-complexity PTS schemes using OFDM signal rotation and pre-exclusion of phase rotating vectors. <i>IET Communications</i> , 2016 , 10, 540-547	1.3	18
76	Interference alignment-and-cancellation scheme based on Alamouti code for the three-user multi-input-multi-output interference channel. <i>IET Communications</i> , 2015 , 9, 1278-1288	1.3	0
75	Minimum number of antennas and degrees of freedom of multiple-input-multi-output multi-user two-way relay X channels. <i>IET Communications</i> , 2015 , 9, 568-575	1.3	0
74	PAPR Analysis of Class-III SLM Scheme Based on Variance of Correlation of Alternative OFDM Signal Sequences. <i>IEEE Communications Letters</i> , 2015 , 19, 989-992	3.8	25
73	Clipping Noise Cancellation for OFDM Systems Using Reliable Observations Based on Compressed Sensing. <i>IEEE Transactions on Broadcasting</i> , 2015 , 61, 111-118	4.7	18
72	New rateless codes for receiver with limited memory 2015 ,		1
71	Near-Optimal Partial Hadamard Codebook Construction Using Binary Sequences Obtained From Quadratic Residue Mapping. <i>IEEE Transactions on Information Theory</i> , 2014 , 60, 3698-3705	2.8	25
70	Quasi-cyclic LDPC codes using overlapping matrices and their layered decoders. <i>AEU - International Journal of Electronics and Communications</i> , 2014 , 68, 379-383	2.8	
69	Cross-correlation distribution between two decimated sequences by 2 and $(pm+1)2$ over 2 2014 ,		1
68	New interference alignment schemes with full and half-duplex relays for the quasi-static X channel. <i>IET Communications</i> , 2014 , 8, 351-359	1.3	5
67	Fast Correlation Method for Partial Fourier and Hadamard Sensing Matrices in Matching Pursuit Algorithms. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2014 , E97.A, 1674-1679	0.4	1
66	New stopping criteria for iterative decoding of LDPC codes in H-ARQ systems. <i>International Journal of Communication Systems</i> , 2013 , 26, 1475-1484	1.7	1
65	Construction of High-Rate Regular Quasi-Cyclic LDPC Codes Based on Cyclic Difference Families. <i>IEEE Transactions on Communications</i> , 2013 , 61, 3108-3113	6.9	24
64	Source Transmit Antenna Selection for MIMO Decode-and-Forward Relay Networks. <i>IEEE Transactions on Signal Processing</i> , 2013 , 61, 1657-1662	4.8	15
63	Design of Multiple-Edge Protographs for QC LDPC Codes Avoiding Short Inevitable Cycles. <i>IEEE Transactions on Information Theory</i> , 2013 , 59, 4598-4614	2.8	23
62	On the Cross-Correlation of a p-Ary m-Sequence and Its Decimated Sequences by $d=(pn+1)/(pk+1)+(pn-1)/2$. <i>IEICE Transactions on Communications</i> , 2013 , E96.B, 2190-2197	0.5	7
61	New Quaternary Sequences with Ideal Autocorrelation Constructed from Legendre Sequences. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2013 , E96.A, 1872-1882	0.4	4
60	A New Low-Complexity PTS Scheme Based on Successive Local Search Using Sequences. <i>IEEE Communications Letters</i> , 2012 , 16, 1470-1473	3.8	18

59	A New Blind SLM Scheme With Low Decoding Complexity for OFDM Systems. <i>IEEE Transactions on Broadcasting</i> , 2012 , 58, 669-676	4.7	28
58	A New PAPR Reduction Scheme Using Efficient Peak Cancellation for OFDM Systems. <i>IEEE Transactions on Broadcasting</i> , 2012 , 58, 619-628	4.7	22
57	A New Performance Measure Using k -Set Correlation for Compressed Sensing Matrices. <i>IEEE Signal Processing Letters</i> , 2012 , 19, 143-146	3.2	8
56	Weight distribution of some cyclic codes 2012 ,		17
55	A new parity structure with multi-weight circulants for QC LDPC codes 2012 ,		2
54	Analysis on Soft-Decision-and-Forward Cooperative Networks with Multiple Relays. <i>IEICE Transactions on Communications</i> , 2012 , E95-B, 509-518	0.5	1
53	On the Cross-Correlation Distributions of p -Ary m -Sequences and Their Decimated Sequences. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2012 , E95.A, 1808-1818	0.4	4
52	Protograph design with multiple edges for regular QC LDPC codes having large girth 2011 ,		4
51	Multi-Stage Decoding Scheme with Post-Processing for LDPC Codes to Lower the Error Floors. <i>IEICE Transactions on Communications</i> , 2011 , E94-B, 2375-2377	0.5	3
50	New Construction of Quaternary Sequences with Good Correlation Using Binary Sequences with Good Correlation. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2011 , E94-A, 1701-1705	0.4	3
49	A Low-Complexity SLM Scheme Using Additive Mapping Sequences for PAPR Reduction of OFDM Signals. <i>IEEE Transactions on Broadcasting</i> , 2011 , 57, 866-875	4.7	52
48	A Construction of a New Family of M -ary Sequences With Low Correlation From Sidelnikov Sequences. <i>IEEE Transactions on Information Theory</i> , 2011 , 57, 2301-2305	2.8	3
47	A New Family of p -Ary Sequences of Period $(p^n-1)/2$ With Low Correlation. <i>IEEE Transactions on Information Theory</i> , 2011 , 57, 3825-3830	2.8	12
46	Relay Selection for Decode-and-Forward Cooperative Network with Multiple Antennas. <i>IEEE Transactions on Wireless Communications</i> , 2011 , 10, 4068-4079	9.6	25
45	Evaluation of cross-correlation values of p -ary m -sequence and its decimated sequence by $pn+1$ over $p+1 + pn$ over 2 2011 ,		1
44	Bit Error Rate and Power Allocation of Soft-Decision-and-Forward Cooperative Networks. <i>IEICE Transactions on Communications</i> , 2011 , E94-B, 234-242	0.5	3
43	Distributed space-time coded non-orthogonal DF protocols with source antenna switching. <i>Journal of Communications and Networks</i> , 2010 , 12, 492-498	4.1	9
42	A new selected mapping scheme for PAPR reduction in OFDM systems 2010 ,		3

41	Diversity analysis of the best relay selection for soft-decision-and-forward cooperative network 2010 ,		1
40	On the cross-correlation of a ternary m-sequence of period $34k+2$ and its decimated sequence by $(32k+1+1)^2$ over 8 2010 ,		2
39	New construction of quaternary low correlation zone sequence sets from binary low correlation zone sequence sets. <i>Journal of Communications and Networks</i> , 2010 , 12, 330-333	4.1	3
38	Convergence Speed Analysis of Layered Decoding of Block-Type LDPC Codes. <i>IEICE Transactions on Communications</i> , 2009 , E92-B, 2484-2487	0.5	1
37	On the relationship between mutual information and bit error probability for some linear dispersion codes. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 90-94	9.6	2
36	Analysis of PAPR reduction performance of SLM schemes with correlated phase vectors 2009 ,		6
35	New quaternary sequences with ideal autocorrelation constructed from binary sequences with ideal autocorrelation 2009 ,		17
34	Bit-Based SLM Schemes for PAPR Reduction in QAM Modulated OFDM Signals. <i>IEEE Transactions on Broadcasting</i> , 2009 , 55, 679-685	4.7	13
33	On Eigenvalues of Row-Inverted Sylvester Hadamard Matrices. <i>Results in Mathematics</i> , 2009 , 54, 117-126.	0.9	1
32	Multi-Stage TR Scheme for PAPR Reduction in OFDM Signals. <i>IEEE Transactions on Broadcasting</i> , 2009 , 55, 300-304	4.7	17
31	Alamouti code with quadrature partial response signaling. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 3939-3943	9.6	
30	New construction of quaternary sequences with ideal autocorrelation from Legendre sequences 2009 ,		21
29	An overview of peak-to-average power ratio reduction schemes for OFDM signals. <i>Journal of Communications and Networks</i> , 2009 , 11, 229-239	4.1	109
28	On Some Properties of M-Ary Sidel'nikov Sequences. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2009 , E92-A, 342-345	0.4	1
27	Sequential message-passing decoding of LDPC codes by partitioning check nodes. <i>IEEE Transactions on Communications</i> , 2008 , 56, 1025-1031	6.9	5
26	Multicode MIMO Systems With Quaternary LCZ and ZCZ Sequences. <i>IEEE Transactions on Vehicular Technology</i> , 2008 , 57, 2334-2341	6.8	8
25	Cross-Correlation Distribution of p -ary m -Sequence of Period $p^{4k}-1$ and Its Decimated Sequences by $\left(\frac{p^{2k}+1}{2}\right)^2$. <i>IEEE Transactions on Information Theory</i> , 2008 , 54, 3140-3149	2.8	25
24	New Families of M -Ary Sequences With Low Correlation Constructed From Sidel'nikov Sequences. <i>IEEE Transactions on Information Theory</i> , 2008 , 54, 3768-3774	2.8	19

23	Near Optimal PRT Set Selection Algorithm for Tone Reservation in OFDM Systems. <i>IEEE Transactions on Broadcasting</i> , 2008 , 54, 454-460	4.7	20
22	On the error probability of quasi-orthogonal space-time block codes. <i>International Journal of Communication Systems</i> , 2008 , 21, 1033-1045	1.7	6
21	New Sets of Optimal p -ary Low-Correlation Zone Sequences. <i>IEEE Transactions on Information Theory</i> , 2007 , 53, 815-821	2.8	29
20	Quasi-Cyclic Low-Density Parity-Check Codes With Girth Larger Than 12 . <i>IEEE Transactions on Information Theory</i> , 2007 , 53, 2885-2891	2.8	59
19	A Modified SLM Scheme With Low Complexity for PAPR Reduction of OFDM Systems. <i>IEEE Transactions on Broadcasting</i> , 2007 , 53, 804-808	4.7	64
18	Butson Hadamard matrices with partially cyclic core. <i>Designs, Codes, and Cryptography</i> , 2007 , 43, 93-101	1.2	2
17	A new PTS OFDM scheme with low complexity for PAPR reduction. <i>IEEE Transactions on Broadcasting</i> , 2006 , 52, 77-82	4.7	100
16	On the girth of tanner (3, 5) quasi-cyclic LDPC codes. <i>IEEE Transactions on Information Theory</i> , 2006 , 52, 1739-1744	2.8	17
15	On the phase sequence set of SLM OFDM scheme for a crest factor reduction. <i>IEEE Transactions on Signal Processing</i> , 2006 , 54, 1931-1935	4.8	27
14	New cyclic relative difference sets constructed from d -homogeneous functions with difference-balanced property. <i>IEEE Transactions on Information Theory</i> , 2005 , 51, 1155-1163	2.8	19
13	New constructions of quaternary low correlation zone sequences. <i>IEEE Transactions on Information Theory</i> , 2005 , 51, 1469-1477	2.8	37
12	On the autocorrelation distributions of Sidelnikov sequences. <i>IEEE Transactions on Information Theory</i> , 2005 , 51, 3303-3307	2.8	13
11	Girth analysis of Tanner's (3, 5) QC LDPC codes 2005 ,		1
10	A new SLM OFDM scheme with low complexity for PAPR reduction. <i>IEEE Signal Processing Letters</i> , 2005 , 12, 93-96	3.2	107
9	On the linear complexity over F_p of M -ary Sidelnikov sequences 2005 ,		2
8	New family of p -ary sequences with optimal correlation property and large linear span. <i>IEEE Transactions on Information Theory</i> , 2004 , 50, 1839-1844	2.8	18
7	On the p -Ranks and Characteristic Polynomials of Cyclic Difference Sets. <i>Designs, Codes, and Cryptography</i> , 2004 , 33, 23-37	1.2	6
6	New families of binary sequences with low correlation. <i>IEEE Transactions on Information Theory</i> , 2003 , 49, 3059-3065	2.8	38

5	p-ary unified sequences: p-ary extended d-form sequences with the ideal autocorrelation property. <i>IEEE Transactions on Information Theory</i> , 2002 , 48, 2540-2546	2.8	17
4	New construction for binary sequences of period $p/\sup m/-1$ with optimal autocorrelation using $(z+1)/\sup d/+az/\sup d/+b$. <i>IEEE Transactions on Information Theory</i> , 2001 , 47, 1638-1644	2.8	23
3	Expanding generalized Hadamard matrices over G_m by substituting several generalized Hadamard matrices over G . <i>Journal of Communications and Networks</i> , 2001 , 3, 361-364	4.1	2
2	Linear span of extended sequences and cascaded GMW sequences. <i>IEEE Transactions on Information Theory</i> , 1999 , 45, 2060-2065	2.8	8
1	New construction for families of binary sequences with optimal correlation properties. <i>IEEE Transactions on Information Theory</i> , 1997 , 43, 1596-1602	2.8	10