

Jong-Seon No

List of Publications by Year in descending order

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153
papers

2,331
citations

218381

26
h-index

253896

43
g-index

153
all docs

153
docs citations

153
times ranked

1117
citing authors

#	ARTICLE	IF	CITATIONS
1	An overview of peak-to-average power ratio reduction schemes for OFDM signals. Journal of Communications and Networks, 2009, 11, 229-239.	1.8	178
2	A new SLM OFDM scheme with low complexity for PAPR reduction. IEEE Signal Processing Letters, 2005, 12, 93-96.	2.1	160
3	A New PTS OFDM Scheme with Low Complexity for PAPR Reduction. IEEE Transactions on Broadcasting, 2006, 52, 77-82.	2.5	151
4	A Modified SLM Scheme With Low Complexity for PAPR Reduction of OFDM Systems. IEEE Transactions on Broadcasting, 2007, 53, 804-808.	2.5	105
5	Privacy-Preserving Machine Learning With Fully Homomorphic Encryption for Deep Neural Network. IEEE Access, 2022, 10, 30039-30054.	2.6	84
6	Quasi-Cyclic Low-Density Parity-Check Codes With Girth Larger Than 12 . IEEE Transactions on Information Theory, 2007, 53, 2885-2891.	1.5	82
7	A Low-Complexity SLM Scheme Using Additive Mapping Sequences for PAPR Reduction of OFDM Signals. IEEE Transactions on Broadcasting, 2011, 57, 866-875.	2.5	81
8	New PTS Schemes for PAPR Reduction of OFDM Signals Without Side Information. IEEE Transactions on Broadcasting, 2017, 63, 562-570.	2.5	55
9	New families of binary sequences with low correlation. IEEE Transactions on Information Theory, 2003, 49, 3059-3065.	1.5	53
10	New Constructions of Quaternary Low Correlation Zone Sequences. IEEE Transactions on Information Theory, 2005, 51, 1469-1477.	1.5	51
11	On the phase sequence set of SLM OFDM scheme for a crest factor reduction. IEEE Transactions on Signal Processing, 2006, 54, 1931-1935.	3.2	47
12	New Sets of Optimal p -ary Low-Correlation Zone Sequences. IEEE Transactions on Information Theory, 2007, 53, 815-821.	1.5	41
13	PAPR Analysis of Class-III SLM Scheme Based on Variance of Correlation of Alternative OFDM Signal Sequences. IEEE Communications Letters, 2015, 19, 989-992.	2.5	36
14	Near-Optimal Partial Hadamard Codebook Construction Using Binary Sequences Obtained From Quadratic Residue Mapping. IEEE Transactions on Information Theory, 2014, 60, 3698-3705.	1.5	34
15	A New Blind SLM Scheme With Low Decoding Complexity for OFDM Systems. IEEE Transactions on Broadcasting, 2012, 58, 669-676.	2.5	33
16	Low-complexity PTS schemes using OFDM signal rotation and pre-exclusion of phase rotating vectors. IET Communications, 2016, 10, 540-547.	1.5	33
17	A New Low-Complexity PTS Scheme Based on Successive Local Search Using Sequences. IEEE Communications Letters, 2012, 16, 1470-1473.	2.5	32
18	New construction of quaternary sequences with ideal autocorrelation from Legendre sequences. , 2009, , .		31

#	ARTICLE	IF	CITATIONS
19	New Family of p -ary Sequences With Optimal Correlation Property and Large Linear Span. IEEE Transactions on Information Theory, 2004, 50, 1839-1844.	1.5	30
20	Cross-Correlation Distribution of p -ary m -Sequence of Period $p^{4k}-1$ and Its Decimated Sequences by $\left\{ \left\{ p^{2k}+1 \right\} \right\}^2$. IEEE Transactions on Information Theory, 2008, 54, 3140-3149.	1.5	30
21	Relay Selection for Decode-and-Forward Cooperative Network with Multiple Antennas. IEEE Transactions on Wireless Communications, 2011, 10, 4068-4079.	6.1	30
22	Construction of High-Rate Regular Quasi-Cyclic LDPC Codes Based on Cyclic Difference Families. IEEE Transactions on Communications, 2013, 61, 3108-3113.	4.9	30
23	Design of Multiple-Edge Protographs for QC LDPC Codes Avoiding Short Inevitable Cycles. IEEE Transactions on Information Theory, 2013, 59, 4598-4614.	1.5	30
24	New Families of m -Ary Sequences With Low Correlation Constructed From Sidel'nikov Sequences. IEEE Transactions on Information Theory, 2008, 54, 3768-3774.	1.5	29
25	A New PAPR Reduction Scheme Using Efficient Peak Cancellation for OFDM Systems. IEEE Transactions on Broadcasting, 2012, 58, 619-628.	2.5	28
26	Low-Complexity PTS Schemes Using Dominant Time-Domain Samples in OFDM Systems. IEEE Transactions on Broadcasting, 2017, 63, 440-445.	2.5	28
27	New construction for binary sequences of period p^m-1 with optimal autocorrelation using $(z+1)^d + az^d + b$. IEEE Transactions on Information Theory, 2001, 47, 1638-1644.	1.5	27
28	p -ary unified sequences: p -ary extended d -form sequences with the ideal autocorrelation property. IEEE Transactions on Information Theory, 2002, 48, 2540-2546.	1.5	27
29	New quaternary sequences with ideal autocorrelation constructed from binary sequences with ideal autocorrelation. , 2009, , .		26
30	Clipping Noise Cancellation for OFDM Systems Using Reliable Observations Based on Compressed Sensing. IEEE Transactions on Broadcasting, 2015, 61, 111-118.	2.5	26
31	New PTS Schemes With Adaptive Selection Methods of Dominant Time-Domain Samples in OFDM Systems. IEEE Transactions on Broadcasting, 2018, 64, 747-761.	2.5	26
32	Near Optimal PRT Set Selection Algorithm for Tone Reservation in OFDM Systems. IEEE Transactions on Broadcasting, 2008, 54, 454-460.	2.5	25
33	New Cyclic Relative Difference Sets Constructed From d -Homogeneous Functions With Difference-Balanced Property. IEEE Transactions on Information Theory, 2005, 51, 1155-1163.	1.5	24
34	On the girth of tanner (3, 5) quasi-cyclic LDPC codes. IEEE Transactions on Information Theory, 2006, 52, 1739-1744.	1.5	24
35	Multi-Stage TR Scheme for PAPR Reduction in OFDM Signals. IEEE Transactions on Broadcasting, 2009, 55, 300-304.	2.5	24
36	On the Autocorrelation Distributions of Sidel'nikov Sequences. IEEE Transactions on Information Theory, 2005, 51, 3303-3307.	1.5	22

#	ARTICLE	IF	CITATIONS
37	Cooperative sequence clustering and decoding for DNA storage system with fountain codes. <i>Bioinformatics</i> , 2021, 37, 3136-3143.	1.8	22
38	Weight distribution of some cyclic codes. , 2012, , .		21
39	New Constructions of Binary and Ternary Locally Repairable Codes Using Cyclic Codes. <i>IEEE Communications Letters</i> , 2018, 22, 228-231.	2.5	21
40	New construction for families of binary sequences with optimal correlation properties. <i>IEEE Transactions on Information Theory</i> , 1997, 43, 1596-1602.	1.5	20
41	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.	1.5	17
42	Source Transmit Antenna Selection for MIMO Decode-and-Forward Relay Networks. <i>IEEE Transactions on Signal Processing</i> , 2013, 61, 1657-1662.	3.2	16
43	On the Properties of Cubic Metric for OFDM Signals. <i>IEEE Signal Processing Letters</i> , 2016, 23, 80-83.	2.1	16
44	Bit-Based SLM Schemes for PAPR Reduction in QAM Modulated OFDM Signals. <i>IEEE Transactions on Broadcasting</i> , 2009, 55, 679-685.	2.5	15
45	Multicode MIMO Systems With Quaternary LCZ and ZCZ Sequences. <i>IEEE Transactions on Vehicular Technology</i> , 2008, 57, 2334-2341.	3.9	14
46	Analysis of PAPR reduction performance of SLM schemes with correlated phase vectors. , 2009, , .		13
47	Near-Optimal Polynomial for Modulus Reduction Using L2-Norm for Approximate Homomorphic Encryption. <i>IEEE Access</i> , 2020, 8, 144321-144330.	2.6	13
48	Minimax Approximation of Sign Function by Composite Polynomial for Homomorphic Comparison. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2022, 19, 3711-3727.	3.7	13
49	Linear span of extended sequences and cascaded GMW sequences. <i>IEEE Transactions on Information Theory</i> , 1999, 45, 2060-2065.	1.5	12
50	Distributed space-time coded non-orthogonal DF protocols with source antenna switching. <i>Journal of Communications and Networks</i> , 2010, 12, 492-498.	1.8	12
51	Improving Windowed Decoding of SC LDPC Codes by Effective Decoding Termination, Message Reuse, and Amplification. <i>IEEE Access</i> , 2018, 6, 9336-9346.	2.6	12
52	Index Coding With Erroneous Side Information. <i>IEEE Transactions on Information Theory</i> , 2017, 63, 7687-7697.	1.5	11
53	Punctured Reed-Muller code-based McEliece cryptosystems. <i>IET Communications</i> , 2017, 11, 1543-1548.	1.5	11
54	A New Performance Measure Using k -Set Correlation for Compressed Sensing Matrices. <i>IEEE Signal Processing Letters</i> , 2012, 19, 143-146.	2.1	10

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55	New Fountain Codes with Improved Intermediate Recovery Based on Batched Zigzag Coding. IEEE Transactions on Communications, 2016, , 1-1.	4.9	10
56	Overview of Binary Locally Repairable Codes for Distributed Storage Systems. Electronics (Switzerland), 2019, 8, 596.	1.8	10
57	On the Cross-Correlation of a p -Ary m -Sequence and Its Decimated Sequences by $d=(pn+1)/(pk+1)+(pn-1)/2$. IEICE Transactions on Communications, 2013, E96.B, 2190-2197.	0.4	10
58	New Constructions of Binary LRCs With Disjoint Repair Groups and Locality 3 Using Existing LRCs. IEEE Communications Letters, 2019, 23, 406-409.	2.5	9
59	Error Rate-Based Log-Likelihood Ratio Processing for Low-Density Parity-Check Codes in DNA Storage. IEEE Access, 2020, 8, 162892-162902.	2.6	9
60	Iterative coding scheme satisfying GC balance and run-length constraints for DNA storage with robustness to error propagation. Journal of Communications and Networks, 2022, 24, 283-291.	1.8	8
61	On the p -Ranks and Characteristic Polynomials of Cyclic Difference Sets. Designs, Codes, and Cryptography, 2004, 33, 23-37.	1.0	7
62	Sequential message-passing decoding of LDPC codes by partitioning check nodes. IEEE Transactions on Communications, 2008, 56, 1025-1031.	4.9	7
63	Ciphertext-Only Attack on Linear Feedback Shift Register-Based Esmaeili-Gulliver Cryptosystem. IEEE Communications Letters, 2017, 21, 971-974.	2.5	7
64	Achievable Degrees of Freedom of Relay-Aided MIMO Cellular Networks Using Opposite Directional Interference Alignment. IEEE Transactions on Communications, 2019, 67, 4750-4764.	4.9	7
65	Modification of Frodokem Using Gray and Error-Correcting Codes. IEEE Access, 2019, 7, 179564-179574.	2.6	7
66	Design of Irregular SC-LDPC Codes With Non-Uniform Degree Distributions by Linear Programming. IEEE Transactions on Communications, 2019, 67, 2632-2646.	4.9	7
67	New GRP LDPC Codes for H-ARQ-IR Over the Block Fading Channel. IEEE Transactions on Communications, 2020, 68, 6642-6656.	4.9	7
68	New Quaternary Sequences with Ideal Autocorrelation Constructed from Legendre Sequences. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2013, E96.A, 1872-1882.	0.2	7
69	On the Cross-Correlation Distributions of p -Ary m -Sequences and Their Decimated Sequences. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2012, E95.A, 1808-1818.	0.2	7
70	Optimization of Homomorphic Comparison Algorithm on RNS-CKKS Scheme. IEEE Access, 2022, 10, 26163-26176.	2.6	7
71	On the error probability of quasi-orthogonal space-time block codes. International Journal of Communication Systems, 2008, 21, 1033-1045.	1.6	6
72	Multi-Stage Decoding Scheme with Post-Processing for LDPC Codes to Lower the Error Floors. IEICE Transactions on Communications, 2011, E94-B, 2375-2377.	0.4	6

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73	New interference alignment schemes with full and half-duplex relays for the quasi-static X channel. IET Communications, 2014, 8, 351-359.	1.5	6
74	Uplink Time Scheduling With Power Level Modulation Scheme in Wireless Powered Communication Networks. IEEE Access, 2019, 7, 11187-11194.	2.6	6
75	Cycle Analysis and Construction of Protographs for QC LDPC Codes With Girth Larger Than 12. , 2007, , .		5
76	New Construction of Quaternary Sequences with Good Correlation Using Binary Sequences with Good Correlation. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2011, E94-A, 1701-1705.	0.2	5
77	A Construction of a New Family of M -ary Sequences With Low Correlation From Sidel'nikov Sequences. IEEE Transactions on Information Theory, 2011, 57, 2301-2305.	1.5	5
78	Cryptanalysis of the Ivanov-Kabatiansky-Krouk-Rumenko Cryptosystems. IEEE Communications Letters, 2020, 24, 2678-2681.	2.5	5
79	Rate-Loss Mitigation of SC-LDPC Codes Without Performance Degradation. IEEE Transactions on Communications, 2020, 68, 55-65.	4.9	5
80	Performance analysis of CDMA systems by using biorthogonal codes. , 0, , .		4
81	On the linear complexity over $F/\text{sub } p/$ of M -ary Sidel'nikov sequences. , 2005, , .		4
82	Protograph design with multiple edges for regular QC LDPC codes having large girth. , 2011, , .		4
83	Construction of New Fractional Repetition Codes from Relative Difference Sets with $\hat{\nu} \geq 1$. Entropy, 2017, 19, 563.	1.1	4
84	Linear Index Coding With Multiple Senders and Extension to a Cellular Network. IEEE Transactions on Communications, 2019, 67, 8666-8677.	4.9	4
85	Analysis of Error Dependencies on Newhope. IEEE Access, 2020, 8, 45443-45456.	2.6	4
86	On Some Properties of M -Ary Sidel'nikov Sequences. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2009, E92-A, 342-345.	0.2	4
87	Generalized Sylvester-type Hadamard matrices. , 0, , .		3
88	Girth analysis of Tanner's (3, 5) QC LDPC codes. , 2005, , .		3
89	Butson Hadamard matrices with partially cyclic core. Designs, Codes, and Cryptography, 2007, 43, 93-101.	1.0	3
90	A new selected mapping scheme for PAPR reduction in OFDM systems. , 2010, , .		3

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91	On the cross-correlation of a ternary m-sequence of period $3 \times (4k+2)$ and its decimated sequence by $(3 \times (2k+1) + 1) \times 2$ over 8. , 2010, , .		3
92	New construction of quaternary low correlation zone sequence sets from binary low correlation zone sequence sets. Journal of Communications and Networks, 2010, 12, 330-333.	1.8	3
93	New stopping criteria for iterative decoding of LDPC codes in HARQ systems. International Journal of Communication Systems, 2013, 26, 1475-1484.	1.6	3
94	Quasi-cyclic LDPC codes using overlapping matrices and their layered decoders. AEU - International Journal of Electronics and Communications, 2014, 68, 379-383.	1.7	3
95	Automatic gain control in high adjacent channel interference for OFDM systems. , 2017, , .		3
96	A new two-stage decoding scheme with unreliable path search to lower the error floor for low-density parity-check codes. IET Communications, 2017, 11, 2173-2180.	1.5	3
97	New Binary Locally Repairable Codes with Locality 2 and Uneven Availabilities for Hot Data. Entropy, 2018, 20, 636.	1.1	3
98	Code Equivalences Between Network Codes With Link Errors and Index Codes With Side Information Errors. IEEE Access, 2019, 7, 54144-54154.	2.6	3
99	Homomorphic Computation in Reed-Muller Codes. IEEE Access, 2020, 8, 108622-108628.	2.6	3
100	Modified pqsigRM: RM Code-Based Signature Scheme. IEEE Access, 2020, 8, 177506-177518.	2.6	3
101	An Efficient Selection Method of a Transmitted OFDM Signal Sequence for Various SLM Schemes. IEICE Transactions on Communications, 2016, E99.B, 703-713.	0.4	3
102	Bit Error Rate and Power Allocation of Soft-Decision-and-Forward Cooperative Networks. IEICE Transactions on Communications, 2011, E94-B, 234-242.	0.4	3
103	Expanding generalized Hadamard matrices over G_m by substituting several generalized Hadamard matrices over G . Journal of Communications and Networks, 2001, 3, 361-364.	1.8	2
104	Cross-Correlation Distribution of p-ary m-Sequence of Period $p^{4k} - 1$ and Its Decimated Sequences by $(p^{2k} + 1/2)^{2k}$. , 2007, , .		2
105	Convergence Speed Analysis of Layered Decoding of Block-Type LDPC Codes. IEICE Transactions on Communications, 2009, E92-B, 2484-2487.	0.4	2
106	On the relationship between mutual information and bit error probability for some linear dispersion codes. IEEE Transactions on Wireless Communications, 2009, 8, 90-94.	6.1	2
107	On Eigenvalues of Row-Inverted Sylvester Hadamard Matrices. Results in Mathematics, 2009, 54, 117-126.	0.4	2
108	A new parity structure with multi-weight circulants for QC LDPC codes. , 2012, , .		2

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109	New rateless codes for receiver with limited memory. , 2015, , .		2
110	Interference alignment and cancellation scheme based on Alamouti code for the three-user multi-input multi-output interference channel. IET Communications, 2015, 9, 1278-1288.	1.5	2
111	New Design of High-Rate Generalized Root Protograph LDPC Codes for Nonergodic Block Interference. IEEE Communications Letters, 2019, 23, 214-217.	2.5	2
112	Optimizing Code Parameters of Finite-Length SC-LDPC Codes Using the Scaling Law. IEEE Access, 2021, 9, 118640-118650.	2.6	2
113	Fast Correlation Method for Partial Fourier and Hadamard Sensing Matrices in Matching Pursuit Algorithms. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2014, E97.A, 1674-1679.	0.2	2
114	Optimization of SC-LDPC Codes for Window Decoding With Target Window Sizes. IEEE Transactions on Communications, 2022, 70, 2924-2938.	4.9	2
115	Generalization of No sequences. , 0, , .		1
116	Quadrature partial response signaling based on Alamouti Code. , 2009, , .		1
117	Alamouti code with quadrature partial response signaling. IEEE Transactions on Wireless Communications, 2009, 8, 3939-3943.	6.1	1
118	Protograph design for QC LDPC codes with large girth. , 2010, , .		1
119	Diversity analysis of the best relay selection for soft-decision-and-forward cooperative network. , 2010, , .		1
120	Evaluation of cross-correlation values of p -ary m -sequence and its decimated sequence by $p \cdot \frac{n}{p+1} + 1$ over 2 . , 2011, , .		1
121	On the cross-correlation of ternary m -sequences of period $3k+1$ with decimation $3k+1$; $3k+1$ with decimation $3k+1$; $3k+1$ with decimation $3k+1$; $3k+1$ with decimation $3k+1$. , 2012, . . .		1
122	Analysis on Soft-Decision-and-Forward Cooperative Networks with Multiple Relays. IEICE Transactions on Communications, 2012, E95-B, 509-518.	0.4	1
123	Combining interference alignment and Alamouti codes for quasi-static MIMO X channel. , 2012, , .		1
124	Cross-correlation distribution between two decimated sequences by 2 and $(p+1) \cdot 2$ over 2 . , 2014, , .		1
125	Minimum number of antennas and degrees of freedom of multiple-input multiple-output two-way relay X channels. IET Communications, 2015, 9, 568-575.	1.5	1
126	Anti-jamming partially regular LDPC codes for follower jamming with Rayleigh block fading in frequency hopping spread spectrum. , 2016, , .		1

#	ARTICLE	IF	CITATIONS
127	Reduction From Module-SIS to Ring-SIS Under Norm Constraint of Ring-SIS. IEEE Access, 2020, 8, 140998-141006.	2.6	1
128	Variable-Weight Block Dual-Diagonal Structure for Low-Rate QC LDPC Codes With Low Error Floors. IEEE Transactions on Communications, 2020, 68, 1344-1357.	4.9	1
129	P-ary d-form sequences with ideal autocorrelation property. , 0, , .		0
130	Derivation of autocorrelation distributions of Sidel'nikov sequences using cyclotomic numbers. , 2005, , .		0
131	A PTS OFDM scheme with low computational complexity. , 2005, , .		0
132	Cross-Correlation Distribution of p-ary m-Sequence and Its $p + 1$ Subsequences. , 2007, , .		0
133	Peak to average power ratio reduction for OFDM systems with low complexity. , 2010, , .		0
134	New Construction of quaternary sequences with ideal autocorrelation and balance property. , 2010, , .		0
135	New performance measure for compressive sensing matrices using k-set correlation. , 2010, , .		0
136	A new family of p-ary decimated sequences with low correlation. , 2010, , .		0
137	A new subblock partitioning scheme using subblock partition matrix for PTS. , 2011, , .		0
138	A low-complexity PTS scheme using adaptive selection of dominant time-domain samples in OFDM systems. , 2016, , .		0
139	Reconstruction of Complex Sparse Signals in Compressed Sensing with Real Sensing Matrices. Wireless Personal Communications, 2017, 97, 5719-5731.	1.8	0
140	Efficient PTS scheme with adaptive selection method for dominant samples in OFDM systems. , 2017, , .		0
141	New SRRC receiver filter design with reduced number of filter taps for wireless communication systems. IET Communications, 2018, 12, 1128-1133.	1.5	0
142	Analysis of Iterative Erasure Insertion and Decoding of FH/MFSK Systems without Channel State Information. Security and Communication Networks, 2018, 2018, 1-12.	1.0	0
143	Narrow-Band Interference Removing Filter for Mobile Communication Systems. , 2018, , .		0
144	Attack Algorithm for a Keystore-Based Secret Key Generation Method. Entropy, 2019, 21, 212.	1.1	0

#	ARTICLE	IF	CITATIONS
145	New Two-Stage Automorphism Group Decoders for Cyclic Codes. IEEE Access, 2020, 8, 172123-172135.	2.6	0
146	Analysis of Maximal Topologies and Their DoFs in Topological Interference Management. IEEE Access, 2020, 8, 26405-26418.	2.6	0
147	Generalized Partially Information Coupled Polar Codes With Arbitrary Coupling Depth and Their Decoding Algorithms. IEEE Access, 2021, 9, 29253-29269.	2.6	0
148	Analysis of Modified Shell Sort for Fully Homomorphic Encryption. IEEE Access, 2021, 9, 126198-126215.	2.6	0
149	New Design and Analysis of Error-Resilient LRCs for DSSs With Silent Disk Errors. IEEE Access, 2021, 9, 124463-124477.	2.6	0
150	Bit Security Estimation Using Various Information-Theoretic Measures. IEEE Access, 2021, 9, 140103-140115.	2.6	0
151	Analysis of Oversampling Effect on Selected Mapping Scheme Using CORR Metric. IEICE Transactions on Communications, 2016, E99.B, 364-369.	0.4	0
152	Improved Reduction Between SIS Problems Over Structured Lattices. IEEE Access, 2021, 9, 157083-157092.	2.6	0
153	Design of Protograph LDPC Codes Using Resolvable Block Designs for Block Fading Channel. IEEE Wireless Communications Letters, 2022, 11, 1970-1974.	3.2	0