

Seokho Yoon

List of Publications by Year in descending order

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69
papers

315
citations

1163117

8
h-index

940533

16
g-index

69
all docs

69
docs citations

69
times ranked

215
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel papr reduction scheme for OFDM systems: selective mapping of partial tones (SMOPT). IEEE Transactions on Consumer Electronics, 2006, 52, 40-43.	3.6	71
2	Cancellation of Correlation Side-Peaks for Unambiguous BOC Signal Tracking. IEEE Communications Letters, 2012, 16, 569-572.	4.1	36
3	Code Acquisition for DS/SS Communications in Non-Gaussian Impulsive Channels. IEEE Transactions on Communications, 2004, 52, 187-190.	7.8	28
4	Breadth-First Signal Decoder: A Novel Maximum-Likelihood Scheme for Multi-Inputâ€“Multi-Output Systems. IEEE Transactions on Vehicular Technology, 2008, 57, 1576-1584.	6.3	28
5	On Frequency Offset Estimation for OFDM. IEEE Transactions on Wireless Communications, 2013, 12, 1062-1072.	9.2	19
6	A Novel Unambiguous Multipath Mitigation Scheme for BOC(kn, n) Tracking in GNSS. , 2007, , .		9
7	Symbol error rate of the dm-mpsk under the influence of jamming signals. IEEE Communications Letters, 2009, 13, 468-470.	4.1	9
8	Decentralized Dynamic Sub-Carrier Assignment for OFDMA-Based Adhoc and Cellular Networks. IEICE Transactions on Communications, 2009, E92-B, 3753-3764.	0.7	9
9	Noncoherent Constant False-Alarm Rate Schemes With Receive Diversity for Code Acquisition Under Homogeneous and Nonhomogeneous Fading Circumstances. IEEE Transactions on Vehicular Technology, 2007, 56, 2108-2120.	6.3	8
10	A State-Space Approach to Multiuser Parameters Estimation Using Central Difference for CDMA Systems. Wireless Personal Communications, 2007, 40, 457-478.	2.7	8
11	Performance Analysis of PO-THMA UWB System Using Mutually Orthogonal MHP Pulses. IEEE Transactions on Consumer Electronics, 2007, 53, 39-45.	3.6	7
12	Order statistics and recursive updating with aging factor for cooperative cognitive radio networks under SSDF attacks. ICT Express, 2020, 6, 3-6.	4.8	7
13	A Novel Multipath Mitigated Side-peak Cancellation Scheme for BOC(kn, n) in GNSS. International Conference on Advanced Communication Technology, 2007, , .	0.0	6
14	Performance Analysis of an Overlap-Based CSS System. International Conference on Advanced Communication Technology, 2008, , .	0.0	6
15	Decoding With Expected Length and Threshold Approximated (DELTA): A Near-ML Scheme for Multiple-Inputâ€“Multiple-Output Systems. IEEE Transactions on Vehicular Technology, 2009, 58, 3234-3246.	6.3	6
16	Unambiguous BOC Signal Tracking Based on Partial Correlations. , 2014, , .		5
17	New Correlation Functions for CBOC Satellite Signal Synchronization. International Conference on Advanced Communication Technology, 2008, , .	0.0	4
18	An unambiguous acquisition scheme for binary offset carrier signals. , 2013, , .		4

#	ARTICLE	IF	CITATIONS
19	Detection Schemes for Range-Spread Targets Based on the Semidefinite Problem. IEEE Transactions on Aerospace and Electronic Systems, 2019, 55, 57-69.	4.7	4
20	A novel multipath mitigation scheme based on slope differential of correlator output for Galileo systems. , 2006, , .		3
21	A Novel Time Delay Estimation Bias Reduction Scheme using Maximum Slope Change in GNSS. International Conference on Advanced Communication Technology, 2007, , .	0.0	3
22	Performance Analysis of a CSS System with M-ary PSK in the Presence of Jamming Signals. , 2009, , .		3
23	A distance measuring scheme based on repeated use of PN sequence. , 2011, , .		3
24	Unambiguous Tracking Technique Based on Sub-Carrier Pulse Grouping for TMBOC-Modulated Signals in GPS. IEEE Access, 2016, 4, 7785-7794.	4.2	3
25	A New Approach to Local Signal Design for Enhanced TMBOC Signal Tracking. Journal of Electrical Engineering and Technology, 2020, 15, 1837-1845.	2.0	3
26	A Novel Scheme for Positioning Error Mitigation in OFDM-Based on Wireless Location Systems. International Conference on Advanced Communication Technology, 2007, , .	0.0	2
27	Performance of Code Synchronization Schemes using Chip Waveform Shaped Code on DS/SS System in Multipath Environments. International Conference on Advanced Communication Technology, 2007, , .	0.0	2
28	A New Pilot-Aided Integer Frequency Offset Estimation Method for Digital Video Broadcasting (DVB) Systems. International Conference on Advanced Communication Technology, 2008, , .	0.0	2
29	An Alamouti Coding Scheme for Asynchronous Cooperative Communication Systems over Frequency Selective Fading Channels. , 2011, , .		2
30	A two-stage acquisition scheme based on multiple correlator outputs for UWB signals. IEICE Electronics Express, 2011, 8, 436-442.	0.8	2
31	Low Complexity Sequential Estimation Scheme for Pseudo Noise Code Acquisition. , 2011, , .		2
32	Analysis of Intersymbol Interference due to Overlap in DM-BPSK. IEICE Transactions on Communications, 2010, E93-B, 1310-1312.	0.7	2
33	A Novel Tracking Scheme for Band-Limited GNSS. , 2007, , .		1
34	Combination of interference cancellation with channel estimation for OFDM transmission over mobile radio channels. European Transactions on Telecommunications, 2008, 19, 85-99.	1.2	1
35	A New UWB Synchronization Scheme Using Multipath Components Jointly. International Conference on Advanced Communication Technology, 2008, , .	0.0	1
36	A pilot-aided integer frequency offset estimation scheme robust to influence of timing offset for OFDM-based DVB-T systems. , 2010, , .		1

#	ARTICLE	IF	CITATIONS
37	Robust estimators for frequency offset of OFDM in non-Gaussian noise. IEICE Electronics Express, 2011, 8, 1412-1418.	0.8	1
38	An optical orthogonal code acquisition scheme for optical CDMA systems. , 2012, , .		1
39	Complexity reduction of kernel discriminant analysis. , 2012, , .		1
40	Design of a Novel PN Code Based on Genetic Algorithm for Rapid GNSS Signal Acquisition. , 2019, , .		1
41	On the Identification and Generation of Discrete-Time Chaotic Systems with Recurrent Neural Networks. Journal of Electrical Engineering and Technology, 2019, 14, 1699-1706.	2.0	1
42	Partial rake receivers for weak signals in impulsive fading environment. , 0, , .		0
43	A Novel Frequency Offset Estimation Scheme Using Coherence Phase Bandwidth and Threshold for OFDM Systems. , 2006, , .		0
44	PN code acquisition using signed-rank-based detector in non-Gaussian impulsive channels. , 2006, , .		0
45	A novel low-complexity frequency offset estimator for OFDM systems. , 2008, , .		0
46	A novel time delay tracking scheme for Galileo L1 open service systems. , 2008, , .		0
47	A Robust Frequency Offset Estimation Scheme to Fractional Frequency Offset Variation for OFDM Systems. International Conference on Advanced Communication Technology, 2008, , .	0.0	0
48	Code Tracking Bias Compensation Scheme for the Galileo E1 OS signal. International Conference on Advanced Communication Technology, 2008, , .	0.0	0
49	A Novel Code Tracking Scheme using Correlation Outputs in Advanced Offset Region for GALILEO L1 Open Service. International Conference on Advanced Communication Technology, 2008, , .	0.0	0
50	A New Demapper for BICM System with HARQ. , 2009, , .		0
51	A tracking bias compensation scheme based on advanced region slopes for BOC(pn, n) signals. , 2009, , .		0
52	A Novel Two-Stage Detection Scheme for UWB Signal Acquisition. , 2010, , .		0
53	A frequency ambiguity resolution for digital video broadcasting-terrestrial service. , 2010, , .		0
54	A Novel ML Decoding Scheme for MIMO Signals. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
55	An asynchronous cooperative transmission scheme. , 2010, , .		0
56	A novel PN code acquisition scheme based on sequential estimation. , 2011, , .		0
57	UWB acquisition based on combining multiple correlator outputs. , 2011, , .		0
58	An Alamouti transmission scheme with low relay complexity for cooperative communication systems. , 2012, , .		0
59	An improved OFDM CFO estimation scheme for non-Gaussian noise environments. , 2012, , .		0
60	A novel unambiguous correlation function for CBOC synchronization. , 2012, , .		0
61	A threshold-based frequency offset estimation scheme for OFDM systems. , 2013, , .		0
62	A DS-UWB radar with a correlation accumulating distance estimator. , 2013, , .		0
63	A cyclostationary spectrum sensing scheme for high traffic environments. , 2013, , .		0
64	An improved direct acquisition scheme for rapid P code acquisition. , 2017, , .		0
65	A novel unambiguous tracking scheme for BOC signal family in future GNSS. , 2018, , .		0
66	Cell Range Expansion with Geometric Information of Pico-Cell in Heterogeneous Networks. , 2018, , .		0
67	Performance and Computational Efficiency of a Radar Detection Scheme for Range-Spread Targets. , 2019, , .		0
68	A Novel Correlator Design for Improved Tracking of CBOC-Modulated Navigation Signals. , 2019, , .		0
69	A New LLR Approximation for BICM Systems with HARQ. IEICE Transactions on Communications, 2010, E93-B, 1628-1632.	0.7	0