

Dong-Jo Park

List of Publications by Year in Descending Order

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Version: 2024-04-25

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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.

45
papers

206
citations

8
h-index

11
g-index

79
ext. papers

284
ext. citations

3.1
avg, IF

2.63
L-index

#	Paper	IF	Citations
45	Dynamic one-shot target detection and classification using a pseudo-Siamese network and its application to Raman spectroscopy. <i>Analyst, The</i> , 2021 , 146, 6997-7004	5	0
44	Measurements and Analysis of Radio Propagation at 28 GHz in Vegetated Areas of Typical Residential Environments. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 4149-4154	4.9	4
43	Design of a Hard Expectation-Maximization-Based Normalized Matched Filter (EM-NMF) for the Detection of Chemical Warfare Agents Under Background Contamination. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2020 , 13, 2940-2952	4.7	0
42	Robust Beamforming and Time Allocation for Full-Duplex Wireless-Powered Communication Networks. <i>IEEE Communications Letters</i> , 2019 , 23, 1665-1669	3.8	1
41	Sequential Detector Design for Spectrum Sensing Considering Instantaneously Nonidentically Distributed Samples. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 2158-2169	6.8	2
40	Feasibility study and spatial-temporal characteristics analysis for 28 GHz outdoor wireless channel modelling. <i>IET Communications</i> , 2016 , 10, 2352-2362	1.3	12
39	Measurements and analyses of 28 GHz indoor channel propagation based on a synchronized channel sounder using directional antennas. <i>Journal of Electromagnetic Waves and Applications</i> , 2016 , 30, 2039-2054	1.3	5
38	Characterization of Hazardous Gases Using an Infrared Hyperspectral Imaging System. <i>Instrumentation Science and Technology</i> , 2015 , 43, 469-484	1.4	4
37	Sum Rate Maximization of an MIMO Two-Way Relay System Using MSE Duality. <i>IEEE Communications Letters</i> , 2015 , 19, 863-866	3.8	3
36	Linear Precoding Design for Mutual Information Maximization in Generalized Spatial Modulation With Finite Alphabet Inputs. <i>IEEE Communications Letters</i> , 2015 , 19, 1323-1326	3.8	12
35	KeyQ: A Dynamic Key Establishment Method Using an RFID Anti-Collision Protocol. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2014 , E97.A, 2662-2666	0.4	0
34	Cell Clustering Algorithm in Uplink Network MIMO Systems with Individual SINR Constraints. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2014 , E97.A, 698-703	0.4	0
33	Timing Estimation Based on Statistical Change of Symmetric Correlator for OFDM Systems. <i>IEEE Communications Letters</i> , 2013 , 17, 397-400	3.8	5
32	Beamforming of Amplify-and-Forward Relays under Individual Power Constraints. <i>IEEE Journal on Selected Areas in Communications</i> , 2012 , 30, 1347-1357	14.2	1
31	Smart sensing strategy for SPRT considering fast changing sample statistics in cognitive radio systems 2012 ,		3
30	A New Power Allocation Method for Parallel AWGN Channels in the Finite Block Length Regime. <i>IEEE Communications Letters</i> , 2012 , 16, 1392-1395	3.8	11
29	Density-Aware Scheduling Based on the Exclusive Region in UWB-WPAN Systems. <i>IEICE Transactions on Communications</i> , 2012 , E95.B, 2074-2079	0.5	

28	Joint Design of Uplink-Downlink MIMO Relay Networks Using Duality. <i>IEICE Transactions on Communications</i> , 2012 , E95-B, 333-336	0.5	1
27	On Spherical Linear Interpolation for MIMO-OFDM Beamforming Systems. <i>IEICE Transactions on Communications</i> , 2011 , E94-B, 1487-1490	0.5	
26	Optimal Beamforming with Combining for the Non-Orthogonal Amplify-and-Forward (NAF) Protocol in Cooperative Communication Systems. <i>IEEE Transactions on Wireless Communications</i> , 2011 , 10, 1038-1043	9.6	2
25	A Novel Template Matching Scheme for Fast Full-Search Boosted by an Integral Image. <i>IEEE Signal Processing Letters</i> , 2010 , 17, 107-110	3.2	16
24	2:1 Candidate Position Subsampling Technique for Fast Optimal Motion Estimation. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2010 , 20, 1052-1056	6.4	1
23	A Fast Block Matching Technique Using a Gradual Voting Strategy. <i>IEICE Transactions on Information and Systems</i> , 2010 , E93-D, 926-929	0.6	1
22	Population Estimation of RFID Tags Using Hadamard Footprints. <i>IEICE Transactions on Communications</i> , 2010 , E93-B, 2473-2476	0.5	0
21	A multicode-PPM scheme for high data rate UWB communication systems. <i>Journal of Communications and Networks</i> , 2009 , 11, 271-278	4.1	0
20	Constrained Codebook Design for a MISO Beamforming System in a Rician Channel 2009 ,		5
19	Average approach to amplify-and-forward relay networks 2009 ,		1
18	Iterative Channel Estimation and LDPC Decoding With Encoded Pilots. <i>IEEE Transactions on Vehicular Technology</i> , 2008 , 57, 273-285	6.8	11
17	Mitigation of transmit correlation for TIMO spatial multiplexing through phase rotation. <i>IEEE Communications Letters</i> , 2008 , 12, 118-120	3.8	4
16	Randomized cyclic delay code for cooperative communication systems. <i>IEEE Communications Letters</i> , 2008 , 12, 271-273	3.8	5
15	Hidden Pilot Based Precoder Design for MIMO-OFDM Systems. <i>IEEE Communications Letters</i> , 2008 , 12, 657-659	3.8	7
14	A New Synchronization Scheme Exploiting Mean Energy Profile in UWB Non-coherent Receiver 2006 ,		4
13	New Channel Estimation Exploiting Reliable Decision-Feedback Symbols for OFDM Systems 2006 ,		6
12	A new LDPC decoding algorithm aided by segmented cyclic redundancy checks for magnetic recording channels. <i>IEEE Transactions on Magnetics</i> , 2005 , 41, 2318-2320	2	8
11	Performance analysis and optimization of cyclic production lines. <i>IIE Transactions</i> , 2002 , 34, 411-422		7

10	Performance analysis and optimization of cyclic production lines. <i>IIE Transactions</i> , 2002 , 34, 411-422		21
9	Novel precision target detection with adaptive thresholding for dynamic image segmentation. <i>Machine Vision and Applications</i> , 2001 , 12, 259-270	2.8	6
8	Design of new adaptive fuzzy logic controller for nonlinear plants with unknown or time-varying dead zones. <i>IEEE Transactions on Fuzzy Systems</i> , 1998 , 6, 482-491	8.3	20
7	A new antenna selection algorithm with low complexity for MIMO wireless systems		5
6	Development of work assistant mobile robot system for the handicapped in a real manufacturing environment		2
5	Design of preamble signal for synchronization with UWB non-coherent energy detection receiver		3
4	New enhancement algorithm for fingerprint images		2
3	Inverse mapping using FLS and its application to control		1
2	Convergence analysis of sign-sign LMS algorithm for adaptive filters with correlated Gaussian data		1
1	Nonlinear channel equalization using new neural network model		1