

AndrÃ© B J Kokkeler

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

148
citations

1684188

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1474206

9
g-index

16
all docs

16
docs citations

16
times ranked

130
citing authors

#	ARTICLE	IF	CITATIONS
1	Lowering the SNR Wall for Energy Detection Using Cross-Correlation. IEEE Transactions on Vehicular Technology, 2011, 60, 3748-3757.	6.3	48
2	A CMOS-Compatible Spectrum Analyzer for Cognitive Radio Exploiting Crosscorrelation to Improve Linearity and Noise Performance. IEEE Transactions on Circuits and Systems I: Regular Papers, 2012, 59, 479-492.	5.4	24
3	A 50Mhz-To-1.5Ghz Cross-Correlation CMOS Spectrum Analyzer for Cognitive Radio with 89dB SFDR in 1Mhz RBW. , 2010, , .		19
4	Using Crosscorrelation to Mitigate Analog/RF Impairments for Integrated Spectrum Analyzers. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 1327-1337.	4.6	19
5	Spectrum Efficient, Localized, Orthogonal Waveforms: Closing the Gap With the Balian-Low Theorem. IEEE Transactions on Communications, 2016, 64, 2155-2165.	7.8	8
6	Adaptive resource allocation for streaming applications. , 2011, , .		7
7	Interference Mitigation by Adaptive Analog Spatial Filtering for MIMO Receivers. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 4169-4179.	4.6	5
8	Improving harmonic rejection for spectrum sensing using crosscorrelation. , 2012, , .		4
9	A System-level Design Method for Cognitive Radio on a Reconfigurable Multi-processor Architecture. , 2007, , .		3
10	Multi-domain transformational design flow for embedded systems. , 2011, , .		2
11	Vector Modulator-Based Analog Beamforming Using the Least Euclidean Distance Criterion. IEEE Access, 2021, 9, 65411-65417.	4.2	2
12	Contact-Free Human Posture Estimation: an Analysis of the Influence of mmWave Array Polarization. , 2021, , .		2
13	Integrating TDD Communication and Radar Sensing in Co-Located Planar Array: A Genetic Algorithm Enabled Aperture Design. , 2022, , .		2
14	Cognitive Radio Design on an MPSoC Reconfigurable Platform. Mobile Networks and Applications, 2008, 13, 424-430.	3.3	1
15	Multi-Receiver Cross-Correlation Technique for (B)FSK Radios. IEEE Access, 2021, 9, 96791-96798.	4.2	1
16	Impact of Ultra-Narrowband Interference on Wi-Fi Links: An Experimental Study. IEEE Transactions on Wireless Communications, 2021, 20, 3016-3030.	9.2	1