

# AndrÃ© B J Kokkeler

## List of Publications by Year in descending order

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16  
papers

148  
citations

1684188

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1474206

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docs citations

16  
times ranked

130  
citing authors

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