

# Stefan Geirhofer

## List of Publications by Year in Descending Order

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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.

13  
papers

1,042  
citations

8  
h-index

13  
g-index

13  
ext. papers

1,224  
ext. citations

4.4  
avg. IF

4.09  
L-index

#	Paper	IF	Citations
13	A sensing-based cognitive coexistence method for interfering infrastructure and ad hoc systems. <i>Wireless Communications and Mobile Computing</i> , <b>2010</b> , 10, 16-30	1.9	5
12	Cognitive frequency hopping based on interference prediction. <i>Mobile Computing and Communications Review</i> , <b>2009</b> , 13, 49-61		20
11	Opportunistic Spectrum Access via Periodic Channel Sensing. <i>IEEE Transactions on Signal Processing</i> , <b>2008</b> , 56, 785-796	4.8	238
10	Cognitive Medium Access: Constraining Interference Based on Experimental Models. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2008</b> , 26, 95-105	14.2	156
9	A Cognitive Framework for Improving Coexistence Among Heterogeneous Wireless Networks <b>2008</b> ,		8
8	Interference-aware OFDMA resource allocation: A predictive approach <b>2008</b> ,		20
7	CMAF: A Real-Time Prototype for Cognitive Medium Access <b>2007</b> ,		2
6	Cognitive Medium Access in WLAN Bands: A Real-Time Testbed. <i>Conference Record of the Asilomar Conference on Signals, Systems and Computers</i> , <b>2007</b> ,	0.3	2
5	Cognitive Medium Access: A Protocol for Enhancing Coexistence in WLAN Bands <b>2007</b> ,		18
4	COGNITIVE RADIOS FOR DYNAMIC SPECTRUM ACCESS - Dynamic Spectrum Access in the Time Domain: Modeling and Exploiting White Space <b>2007</b> , 45, 66-72		351
3	Dynamic spectrum access in WLAN channels <b>2006</b> ,		107
2	Moment Estimation and Dithered Quantization. <i>IEEE Signal Processing Letters</i> , <b>2006</b> , 13, 752-755	3.2	2
1	A Measurement-Based Model for Dynamic Spectrum Access in WLAN Channels <b>2006</b> ,		113