Mario Bkassiny

List of Publications by Year
in descending order

14 papers	619 citations	1307594 7 h-index	1720034 7 g-index
14 all docs	14 docs citations	14 times ranked	773 citing authors

#	Article	IF	Citations
1	Independent Component Analysis-Based Source Separation with Noise Cancelling for Cyclostationary Detection in Cognitive Radios. , 2018, , .		2
2	Wideband Spectrum Sensing for Cognitive Radios in Weakly Correlated Non-Gaussian Noise. IEEE Communications Letters, 2015, 19, 1137-1140.	4.1	8
3	Cognitive Radio Transceivers: RF, Spectrum Sensing, and Learning Algorithms Review. International Journal of Antennas and Propagation, 2014, 2014, 1-21.	1.2	27
4	Low-complexity sequential non-parametric signal classification for wideband cognitive radios. , 2014, , .		0
5	Learning-Aided Sub-Band Selection Algorithms for Spectrum Sensing in Wide-Band Cognitive Radios. IEEE Transactions on Wireless Communications, 2014, 13, 2012-2024.	9.2	15
6	Robust, Non-Gaussian Wideband Spectrum Sensing in Cognitive Radios. IEEE Transactions on Wireless Communications, 2014, 13, 6410-6421.	9.2	14
7	Multidimensional Dirichlet Process-Based Non-Parametric Signal Classification for Autonomous Self-Learning Cognitive Radios. IEEE Transactions on Wireless Communications, 2013, 12, 5413-5423.	9.2	21
8	A Survey on Machine-Learning Techniques in Cognitive Radios. IEEE Communications Surveys and Tutorials, 2013, 15, 1136-1159.	39.4	431
9	Learning-Aided Sensing Scheduling for Wide-Band Cognitive Radios. , 2013, , .		1
10	Blind cyclostationary feature detection based spectrum sensing for autonomous self-learning cognitive radios. , 2012, , .		16
11	Wideband Spectrum Sensing and Non-Parametric Signal Classification for Autonomous Self-Learning Cognitive Radios. IEEE Transactions on Wireless Communications, 2012, 11, 2596-2605.	9.2	40
12	Distributed Reinforcement Learning based MAC protocols for autonomous cognitive secondary users. , 2011, , .		22
13	Radiobots: The autonomous, self-learning future cognitive radios. , 2011, , .		12
14	Optimal and Low-Complexity Algorithms for Dynamic Spectrum Access in Centralized Cognitive Radio Networks with Fading Channels. , 2011, , .		10