

# Jad Nasreddine

## 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.

41  
papers

212  
citations

8  
h-index

12  
g-index

51  
ext. papers

268  
ext. citations

5.2  
avg. IF

2.57  
L-index

#	Paper	IF	Citations
41	Achieving Spectral and Energy Efficiencies in Smart Cities Multi-cell Networks <b>2018</b> , 291-302		
40	<b>2017</b> ,		5
39	Achieving power and energy efficiency in self-organizing networks <b>2017</b> ,		2
38	Designing a Self-Optimization System for Cognitive Wireless Home Networks. <i>IEEE Transactions on Cognitive Communications and Networking</i> , <b>2017</b> , 3, 684-702	6.6	4
37	Interference mitigation and traffic adaptation using cell clustering for LTE-TDD systems <b>2016</b> ,		6
36	Energy-Efficient Joint Scheduling and Power Control in Multi-Cell Wireless Networks. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2016</b> , 34, 3409-3426	14.2	18
35	Joint scheduling and power control in multi-cell networks for inter-cell interference coordination <b>2015</b> ,		2
34	TheWorld is not flat: Wireless communications in 3D environments <b>2013</b> ,		1
33	Interference mitigation based on channel allocation knowledge for dense femtocell scenarios <b>2013</b> ,		1
32	Interference management in heterogeneous wireless networks based on context information <b>2012</b> ,		2
31	Demonstrating radio environment map construction from massive data sets <b>2012</b> ,		8
30	How a layered rem architecture brings cognition to today's mobile networks. <i>IEEE Wireless Communications</i> , <b>2012</b> , 19, 17-24	13.4	30
29	Long-term indoor propagation models for radio resource management <b>2012</b> ,		3
28	Femtocell downlink power control based on Radio Environment Maps <b>2012</b> ,		14
27	Design of layered radio environment maps for RAN optimization in heterogeneous LTE systems <b>2011</b> ,		4
26	A TD-LTE Prototype System with Modules for General-Purpose Cognitive Resource Management and Radio-Environmental Mapping. <i>International Journal of Wireless Information Networks</i> , <b>2011</b> , 18, 131-145	1.9	1
25	Experimental spectrum sensor testbed for constructing indoor Radio Environmental Maps <b>2011</b> ,		9

24	Using geolocation information for dynamic spectrum access in cellular networks <b>2011,</b>		3
23	Self-organizing home networking based on cognitive radio technologies <b>2011,</b>		3
22	Estimating transmitter activity patterns: An empirical study in the indoor environment <b>2011,</b>		2
21	Cross-layer optimal spectrum sensing duration and scheduling in cognitive networks <b>2011,</b>		3
20	Design and implementation of utility-based radio resource optimization using CAPRI <b>2011,</b>		1
19	Exploring opportunistic access techniques using stochastic models: Dynamic spectrum access without sensing <b>2011,</b>		2
18	Impact of primary user activity patterns on spatial spectrum reuse opportunities <b>2010,</b>		14
17	Enabling Secondary Access through Robust Primary User Channel Assignment <b>2010,</b>		4
16	Location-Based Adaptive Detection Threshold for Dynamic Spectrum Access <b>2010,</b>		13
15	A Real Time Emulator Demonstrating Advanced Resource Management Solutions. <i>Wireless Personal Communications</i> , <b>2010</b> , 54, 123-136	1.9	1
14	Distributed channel selection protocol for single-hop transmissions in cognitive radio networks <b>2009,</b>		3
13	Advanced Spectrum Management for the Downlink of WCDMA Systems using Genetic Algorithms <b>2009,</b>		2
12	Positioning-based framework for secondary spectrum usage. <i>Physical Communication</i> , <b>2008</b> , 1, 121-133	2.2	9
11	Spectrum and radio resource management. <i>IEEE Vehicular Technology Magazine</i> , <b>2008</b> , 3, 56-64	9.9	5
10	Advanced spectrum management in wideband code division multiple access systems enabling cognitive radio usage. <i>IET Communications</i> , <b>2008</b> , 2, 794	1.3	4
9	Simulated Annealing-Based Advanced Spectrum Management Methodology for WCDMA Systems <b>2008,</b>		5
8	Novel Inter-Cell Interaction Approach for WCDMA-based Cognitive Networks <b>2007,</b>		5
7	Spectrum Management Methodology for WCDMA Systems Encompassing Uplink and Downlink <b>2007,</b>		1

6	Radio Access Technology Selection enabled by IEEE P1900.4 <b>2007</b> ,		3
5	Multiple diffraction shadowing simulation model. <i>IEEE Communications Letters</i> , <b>2007</b> , 11, 319-321	3.8	5
4	Adaptive power control algorithm with stabilization zone for third generation mobile networks. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , <b>2006</b> , 61, 1193-1211	2	3
3	A Novel Frequency Management Methodology for WCDMA using Statistical Coupling Matrices <b>2006</b> ,		2
2	A Proposal on Frequency Management Methodologies for WCDMA Systems Using Cell Coupling Matrices <b>2006</b> ,		3
1	Impact of Shadowing Modelling on TD-CDMA System-level Simulations <b>2006</b> ,		2