

Jad Nasreddine

List of Publications by Citations

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41
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ext. citations

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avg. IF

2.57
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 41 | How a layered rem architecture brings cognition to today's mobile networks. <i>IEEE Wireless Communications</i> , 2012 , 19, 17-24 | 13.4 | 30 |
| 40 | Energy-Efficient Joint Scheduling and Power Control in Multi-Cell Wireless Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2016 , 34, 3409-3426 | 14.2 | 18 |
| 39 | Impact of primary user activity patterns on spatial spectrum reuse opportunities 2010 , | | 14 |
| 38 | Femtocell downlink power control based on Radio Environment Maps 2012 , | | 14 |
| 37 | Location-Based Adaptive Detection Threshold for Dynamic Spectrum Access 2010 , | | 13 |
| 36 | Experimental spectrum sensor testbed for constructing indoor Radio Environmental Maps 2011 , | | 9 |
| 35 | Positioning-based framework for secondary spectrum usage. <i>Physical Communication</i> , 2008 , 1, 121-133 | 2.2 | 9 |
| 34 | Demonstrating radio environment map construction from massive data sets 2012 , | | 8 |
| 33 | Interference mitigation and traffic adaptation using cell clustering for LTE-TDD systems 2016 , | | 6 |
| 32 | 2017 , | | 5 |
| 31 | Spectrum and radio resource management. <i>IEEE Vehicular Technology Magazine</i> , 2008 , 3, 56-64 | 9.9 | 5 |
| 30 | Simulated Annealing-Based Advanced Spectrum Management Methodology for WCDMA Systems 2008 , | | 5 |
| 29 | Novel Inter-Cell Interaction Approach for WCDMA-based Cognitive Networks 2007 , | | 5 |
| 28 | Multiple diffraction shadowing simulation model. <i>IEEE Communications Letters</i> , 2007 , 11, 319-321 | 3.8 | 5 |
| 27 | Designing a Self-Optimization System for Cognitive Wireless Home Networks. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2017 , 3, 684-702 | 6.6 | 4 |
| 26 | Design of layered radio environment maps for RAN optimization in heterogeneous LTE systems 2011 , | | 4 |
| 25 | Enabling Secondary Access through Robust Primary User Channel Assignment 2010 , | | 4 |

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|----|---|-----|---|
| 24 | Advanced spectrum management in wideband code division multiple access systems enabling cognitive radio usage. <i>IET Communications</i> , 2008 , 2, 794 | 1.3 | 4 |
| 23 | Long-term indoor propagation models for radio resource management 2012 , | | 3 |
| 22 | Using geolocation information for dynamic spectrum access in cellular networks 2011 , | | 3 |
| 21 | Self-organizing home networking based on cognitive radio technologies 2011 , | | 3 |
| 20 | Distributed channel selection protocol for single-hop transmissions in cognitive radio networks 2009 , | | 3 |
| 19 | Cross-layer optimal spectrum sensing duration and scheduling in cognitive networks 2011 , | | 3 |
| 18 | Adaptive power control algorithm with stabilization zone for third generation mobile networks. <i>Annales Des Telecommunications/Annals of Telecommunications</i> , 2006 , 61, 1193-1211 | 2 | 3 |
| 17 | A Proposal on Frequency Management Methodologies for WCDMA Systems Using Cell Coupling Matrices 2006 , | | 3 |
| 16 | Radio Access Technology Selection enabled by IEEE P1900.4 2007 , | | 3 |
| 15 | Achieving power and energy efficiency in self-organizing networks 2017 , | | 2 |
| 14 | Joint scheduling and power control in multi-cell networks for inter-cell interference coordination 2015 , | | 2 |
| 13 | Interference management in heterogeneous wireless networks based on context information 2012 , | | 2 |
| 12 | Estimating transmitter activity patterns: An empirical study in the indoor environment 2011 , | | 2 |
| 11 | Exploring opportunistic access techniques using stochastic models: Dynamic spectrum access without sensing 2011 , | | 2 |
| 10 | Advanced Spectrum Management for the Downlink of WCDMA Systems using Genetic Algorithms 2009 , | | 2 |
| 9 | A Novel Frequency Management Methodology for WCDMA using Statistical Coupling Matrices 2006 , | | 2 |
| 8 | Impact of Shadowing Modelling on TD-CDMA System-level Simulations 2006 , | | 2 |
| 7 | TheWorld is not flat: Wireless communications in 3D environments 2013 , | | 1 |

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|---|---|-----|---|
| 6 | Interference mitigation based on channel allocation knowledge for dense femtocell scenarios 2013 | | 1 |
| 5 | 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> , 2011 , 18, 131-145 | 1.9 | 1 |
| 4 | Design and implementation of utility-based radio resource optimization using CAPRI 2011 , | | 1 |
| 3 | A Real Time Emulator Demonstrating Advanced Resource Management Solutions. <i>Wireless Personal Communications</i> , 2010 , 54, 123-136 | 1.9 | 1 |
| 2 | Spectrum Management Methodology for WCDMA Systems Encompassing Uplink and Downlink 2007 , | | 1 |
| 1 | Achieving Spectral and Energy Efficiencies in Smart Cities Multi-cell Networks 2018 , 291-302 | | |