

# Sharifah Kamilah Syed-Yusof

## List of Publications by Citations

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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.

62

papers

273

citations

8

h-index

12

g-index

106

ext. papers

357

ext. citations

1.4

avg, IF

2.71

L-index

#	Paper	IF	Citations
62	Efficient In-Band Spectrum Sensing Using Swarm Intelligence for Cognitive Radio Network. <i>Canadian Journal of Electrical and Computer Engineering</i> , <b>2015</b> , 38, 106-115	1.4	20
61	Energy detection sensing based on GNU radio and USRP: An analysis study <b>2009</b> ,		18
60	<b>2009</b> ,		17
59	Performance Study of Wireless Body Area Network in Medical Environment <b>2008</b> ,		15
58	Proactive integrated handoff management in cognitive radio mobile ad hoc networks. <i>Eurasip Journal on Wireless Communications and Networking</i> , <b>2013</b> , 2013,	3.2	13
57	Challenges and practical implementation of self-organizing networks in LTE/LTE-Advanced systems <b>2011</b> ,		10
56	Interference aware channel assignment (IACA) for cognitive wireless mesh networks <b>2013</b> ,		8
55	Proposed transport protocol for reliable data transfer in wireless sensor network (WSN) <b>2011</b> ,		8
54	Biological inspired self-optimized routing algorithm for wireless sensor networks <b>2009</b> ,		7
53	RSSI measurements for enabling IEEE 802.15.4 coexistence with IEEE 802.11b/g <b>2009</b> ,		7
52	MPEG-4 video transmission using distributed TDMA MAC protocol over IEEE 802.15.4 wireless technology <b>2011</b> ,		7
51	. <i>IEEE Vehicular Technology Magazine</i> , <b>2010</b> , 5, 46-53	9.9	7
50	Inter-cell Interference Mitigation and Coordination in CoMP Systems. <i>Communications in Computer and Information Science</i> , <b>2011</b> , 654-665	0.3	7
49	Proactive integrated handoff management in CR-MANETs: A conceptual model <b>2012</b> ,		6
48	Performance evaluation of intercarrier interference self-cancellation schemes for space time frequency block codes MIMO-OFDM system <b>2008</b> ,		6
47	Recovery error bounds on compressed sensing of noisy signals. <i>International Journal of Communication Systems</i> , <b>2015</b> , 28, 546-559	1.7	5
46	Soft-feedback MMSE equalization for non-orthogonal frequency division multiplexing (n-OFDM) signal detection <b>2012</b> ,		5

45	Performance analysis of Doppler shift effects on OFDM-based and MC-CDMA-based cognitive radios. <i>International Journal of Communication Systems</i> , <b>2013</b> , 27, n/a-n/a	1.7	5
44	Enabling dynamic spectrum access for cognitive radio using software defined radio platform <b>2011</b> ,		5
43	Self-optimized autonomous routing protocol for wireless sensor networks with cross layer architecture <b>2009</b> ,		5
42	Intelligent optimization of node coordination in Wireless Sensor Network <b>2009</b> ,		5
41	Performance Study of the Coexistence of Wireless Sensor Networks (WSN) and Wireless Local Area Networks (WLAN) <b>2008</b> ,		5
40	Circular Collaborative Beamforming for Improved Radiation Beampattern in WSN. <i>International Journal of Distributed Sensor Networks</i> , <b>2013</b> , 9, 125423	1.7	5
39	Performance Analysis of Compressed Sensing Given Insufficient Random Measurements. <i>ETRI Journal</i> , <b>2013</b> , 35, 200-2006	1.4	4
38	Improvement of Ultra-wideband Link Performance over Bands Requiring Interference Mitigation in Korea. <i>ETRI Journal</i> , <b>2010</b> , 32, 44-52	1.4	4
37	Proposed Nature Inspired Self-Organized Secure Autonomous Mechanism for WSNs <b>2009</b> ,		4
36	Experimental Study of Sensing Performance Metrics for Cognitive Radio Network Using Software Defined Radio Platform. <i>Communications in Computer and Information Science</i> , <b>2011</b> , 666-677	0.3	3
35	Enhanced FCME Thresholding for Wavelet-Based Cognitive UWB over Fading Channels. <i>ETRI Journal</i> , <b>2011</b> , 33, 961-964	1.4	3
34	Evaluation on optimum geometrical of linear node array for self-organization in a wireless sensor network <b>2010</b> ,		3
33	Optimizing achievable throughput for cognitive radio network using swarm intelligence <b>2011</b> ,		3
32	Optimization of adaptive linear sensor node array in Wireless Sensor Network <b>2009</b> ,		3
31	Sensing period considerations in fading environment for multimedia delivery in cognitive Ultra Wideband system <b>2009</b> ,		3
30	Cross layer based biological inspired self-organized routing protocol for wireless sensor network <b>2009</b> ,		3
29	Evaluation of required sensing time for multimedia transmission over cognitive Ultra Wideband system <b>2009</b> ,		3
28	PUSH: Proactive Unified Spectrum Handoff in CR-MANETs <b>2014</b> ,		2

27	Dynamic Spectrum Access (DSA) for multimedia application <b>2013</b> ,		2
26	Wavelet Packet-Based Transceiver for Cognitive UWB <i>Émetteur-récepteur base de paquet d'ondelette pour les applications cognitives UWB. Canadian Journal of Electrical and Computer Engineering</i> , <b>2014</b> , 37, 59-64	1.4	2
25	Modelling of routing and spectrum handoff in CR-MANETs. <i>Eurasip Journal on Wireless Communications and Networking</i> , <b>2014</b> , 2014,	3.2	2
24	Integrated handoff management in cognitive radio mobile ad hoc networks <b>2013</b> ,		2
23	Adaptive data distribution technique for enhancing MB-OFDM UWB link performance in detect and avoid environments. <i>International Journal of Ultra Wideband Communications and Systems</i> , <b>2011</b> , 2, 1	0	2
22	Cross layer error-control scheme for video quality support over 802.11b wireless LAN <b>2009</b> ,		2
21	Inner bound capacity analysis of cooperative relay in cognitive radio using information theoretic approach <b>2009</b> ,		2
20	Intercarrier interference self-cancellation for space-time-frequency MIMO-OFDM system <b>2008</b> ,		2
19	Communications in Computer and Information Science: Techniques on Relaying for LTE-Advanced Network. <i>Communications in Computer and Information Science</i> , <b>2011</b> , 624-638	0.3	2
18	Threshold-Based Cross Layer Design for Video Streaming over Lossy Channels. <i>Communications in Computer and Information Science</i> , <b>2012</b> , 378-389	0.3	2
17	Enhancing Video Quality over IEEE 802.11e WLAN Using Cross Layer Design. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 1168-1173	0.9	2
16	Edge Energy Detection using GNU radio and USRP2: An analysis study <b>2013</b> ,		1
15	DSA impacts on data transmission: An experimental study <b>2012</b> ,		1
14	TDMA-based cooperative sensing using SDR platform for cognitive radio <b>2012</b> ,		1
13	Intelligent circular collaborative beamforming array in wireless sensor network for efficient radiation <b>2013</b> ,		1
12	Analysis of recursive systematic convolutional turbo codes in MB-OFDM UWB with channel estimation <b>2010</b> ,		1
11	Cross-layer routing approach in highly dynamic networks <b>2011</b> ,		1
10	Joint power allocation strategy in CoMP (JP) transmission <b>2012</b> ,		1

9	CSI Feedback Model in the Context of Adaptive Cognitive Radio Systems <b>2009</b> ,		1
8	Space Time Frequency Block Codes for MIMO-OFDM system using intercarrier interference self-cancellation schemes <b>2008</b> ,		1
7	Cognitive Radio Simplex Link Management for Dynamic Spectrum Access Using GNU Radio. <i>Lecture Notes in Electrical Engineering</i> , <b>2011</b> , 407-419	0.2	1
6	Investigation of Error Concealment Using Different Transform Codings and Multiple Description Codings. <i>Journal of Electrical Engineering</i> , <b>2012</b> , 63, 171-179	0.6	0
5	Fuzzy Based PC-PUSH in CR-MANETs. <i>Mathematical Problems in Engineering</i> , <b>2014</b> , 2014, 1-15	1.1	
4	QoS aware transmission control scheme for multihop WiMAX network. <i>International Journal of Communication Systems</i> , <b>2014</b> , 27, 1766-1782	1.7	
3	Optimizing Distributed Cooperative Sensing Performance Using Swarm Intelligence. <i>Communications in Computer and Information Science</i> , <b>2011</b> , 407-420	0.3	
2	Biologically-Inspired Optimal Video Streaming over Wireless LAN. <i>Communications in Computer and Information Science</i> , <b>2011</b> , 188-197	0.3	
1	Joint Integrated Spectrum Handoff Management and Routing in CR-MANETs: An Analytical Modeling. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 125-137	0.9	