

# Rozeha A Rashid

## 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.

47  
papers

241  
citations

9  
h-index

13  
g-index

57  
ext. papers

309  
ext. citations

1.4  
avg, IF

2.44  
L-index

#	Paper	IF	Citations
47	Service-Oriented Architecture for IoT Home Area Networking in 5G <b>2018</b> , 577-602		2
46	On the Impact of Prefiltering on Compressed Sensing in Presence of Invalid Measurements. <i>IEEE Signal Processing Letters</i> , <b>2017</b> , 24, 1886-1890	3.2	2
45	A Service Oriented middleware for Smart Home and Ambient Assisted Living <b>2015</b> ,		1
44	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
43	Experimental studies of the ZigBee frequency agility mechanism in home area networks <b>2014</b> ,		7
42	Optimal user selection for decision making in cooperative sensing <b>2012</b> ,		4
41	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
40	Testbed design for Wireless Biomedical Sensor Network (WBSN) application <b>2011</b> ,		4
39	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
38	A cross-layer approach in enabling multimedia transmission over cognitive UWB network <b>2011</b> ,		1
37	Optimizing achievable throughput for cognitive radio network using swarm intelligence <b>2011</b> ,		3
36	Challenges and practical implementation of self-organizing networks in LTE/LTE-Advanced systems <b>2011</b> ,		10
35	Enabling dynamic spectrum access for cognitive radio using software defined radio platform <b>2011</b> ,		5
34	MPEG-4 video transmission using distributed TDMA MAC protocol over IEEE 802.15.4 wireless technology <b>2011</b> ,		7
33	An Intelligent Information Security Mechanism for the Network Layer of WSN: BIOSARP. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 118-126	0.9	10
32	Low Complexity PSO-Based Multi-objective Algorithm for Delay-Constraint Applications. <i>Communications in Computer and Information Science</i> , <b>2011</b> , 274-283	0.3	4
31	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

30	Cooperative Communication and Cognitive Radio (CR) Technology in LTE-Advanced. <i>Communications in Computer and Information Science</i> , <b>2011</b> , 701-710	0.3	1
29	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
28	Optimizing Distributed Cooperative Sensing Performance Using Swarm Intelligence. <i>Communications in Computer and Information Science</i> , <b>2011</b> , 407-420	0.3	
27	Biologically-Inspired Optimal Video Streaming over Wireless LAN. <i>Communications in Computer and Information Science</i> , <b>2011</b> , 188-197	0.3	
26	Development of TelG Mote for Wireless Biomedical Sensor Network (WBSN) Application. <i>Communications in Computer and Information Science</i> , <b>2011</b> , 678-688	0.3	1
25	. <i>IEEE Vehicular Technology Magazine</i> , <b>2010</b> , 5, 46-53	9.9	7
24	Cross layer error-control scheme for video quality support over 802.11b wireless LAN <b>2009</b> ,		2
23	Biological inspired self-optimized routing algorithm for wireless sensor networks <b>2009</b> ,		7
22	RSSI measurements for enabling IEEE 802.15.4 coexistence with IEEE 802.11b/g <b>2009</b> ,		7
21	Sensing period considerations in fading environment for multimedia delivery in cognitive Ultra Wideband system <b>2009</b> ,		3
20	Energy detection sensing based on GNU radio and USRP: An analysis study <b>2009</b> ,		18
19	<b>2009</b> ,		17
18	Cross layer based biological inspired self-organized routing protocol for wireless sensor network <b>2009</b> ,		3
17	Performance Evaluation of Video Transmission Over Ultrawideband WPAN <b>2009</b> ,		1
16	Evaluation of required sensing time for multimedia transmission over cognitive Ultra Wideband system <b>2009</b> ,		3
15	Inner bound capacity analysis of cooperative relay in cognitive radio using information theoretic approach <b>2009</b> ,		2
14	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
13	Home healthcare via wireless biomedical sensor network <b>2008</b> ,		9

12	Security system using biometric technology: Design and implementation of Voice Recognition System (VRS) <b>2008</b> ,	23
11	Wireless Home Security and Automation System Utilizing ZigBee based Multi-hop Communication <b>2008</b> ,	10
10	<b>2008</b> ,	2
9	Design and implementation of Wireless Biomedical Sensor Networks for ECG home health monitoring <b>2008</b> ,	5
8	Flood transmission based protocol for home automation system via power line communication <b>2008</b> ,	2
7	Enhanced lightweight medium access protocol with adaptive multi-timeslot allocation for wireless sensor network <b>2008</b> ,	1
6	Optimal forwarding probability for real-time routing in wireless sensor network <b>2007</b> ,	10
5	Value-adding through Internal Audits: A Continuous Improvement Process in Microwave Engineering Education <b>2006</b> ,	1
4	Bluetooth Performance Analysis in Personal Area Network (PAN) <b>2006</b> ,	8
3	Multimedia Prototype of a Bilingual Model Within Technology Based Learning Environment: An Implementation of a Mathematics Learning Framework. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 320-330 <sup>9</sup>	
2		2
1	Wireless Multimedia Sensor Network Platform For Low Rate Image/Video Streaming. <i>Jurnal Teknologi (Sciences and Engineering)</i> ,	1.2 3