Rozeha A Rashid

List of Publications by Year
in descending order

56 papers	400 citations	1684129 5 h-index	1474186 9 g-index
57 all docs	57 docs citations	57 times ranked	372 citing authors

#	Article	IF	Citations
1	Security system using biometric technology: Design and implementation of Voice Recognition System (VRS). , 2008, , .		40
2	Experimental study of OFDM implementation utilizing GNU Radio and USRP - SDR. , 2009, , .		38
3	Energy detection sensing based on GNU radio and USRP: An analysis study. , 2009, , .		33
4	Efficient In-Band Spectrum Sensing Using Swarm Intelligence for Cognitive Radio Network. Canadian Journal of Electrical and Computer Engineering, 2015, 38, 106-115.	2.0	25
5	Wireless Home Security and Automation System Utilizing ZigBee based Multi-hop Communication. , 2008, , .		22
6	Optimal forwarding probability for real-time routing in wireless sensor network. , 2007, , .		19
7	Bluetooth Performance Analysis in Personal Area Network (PAN). , 2006, , .		18
8	Home healthcare via wireless biomedical sensor network. , 2008, , .		13
9	Challenges and practical implementation of self-organizing networks in LTE/LTE-Advanced systems. , 2011, , .		12
10	Experimental studies of the ZigBee frequency agility mechanism in home area networks. , 2014, , .		12
11	An Intelligent Information Security Mechanism for the Network Layer of WSN: BIOSARP. Lecture Notes in Computer Science, 2011, , 118-126.	1.3	12
12	RSSI measurements for enabling IEEE 802.15.4 coexistence with IEEE 802.11b/g. , 2009, , .		11
13	Integration of Cooperative Sensing and Transmission. IEEE Vehicular Technology Magazine, 2010, 5, 46-53.	3.4	10
14	MPEG-4 video transmission using distributed TDMA MAC protocol over IEEE 802.15.4 wireless technology. , 2011, , .		10
15	Design and implementation of Wireless Biomedical Sensor Networks for ECG home health monitoring. , 2008, , .		9
16	Biological inspired self-optimized routing algorithm for wireless sensor networks. , 2009, , .		9
17	Enabling dynamic spectrum access for cognitive radio using software defined radio platform. , 2011, , .		9
18	Flood transmission based protocol for home automation system via power line communication. , 2008, , .		7

#	ARTICLE	IF	CITATIONS
19	Testbed design for Wireless Biomedical Sensor Network (WBSN) application. , 2011, , .		6
20	Low Complexity PSO-Based Multi-objective Algorithm for Delay-Constraint Applications. Communications in Computer and Information Science, 2011, , 274-283.	0.5	6
21	Cross layer based biological inspired self-organized routing protocol for wireless sensor network. , 2009, , .		5
22	Communications in Computer and Information Science: Techniques on Relaying for LTE-Advanced Network. Communications in Computer and Information Science, 2011, , 624-638.	0.5	5
23	Sensing period considerations in fading environment for multimedia delivery in cognitive Ultra Wideband system. , 2009, , .		4
24	Evaluation of required sensing time for multimedia transmission over cognitive Ultra Wideband system. , 2009, , .		4
25	A Cross-Layer Approach in Sensing and Resource Allocation for Multimedia Transmission over Cognitive UWB Networks. Eurasip Journal on Wireless Communications and Networking, 2010, 2010, .	2.4	4
26	Optimizing achievable throughput for cognitive radio network using swarm intelligence. , 2011, , .		4
27	Optimal user selection for decision making in cooperative sensing. , 2012, , .		4
28	Service-Oriented Architecture for IoT Home Area Networking in 5G. , 0, , 577-602.		4
29	Development of TelG Mote for Wireless Biomedical Sensor Network (WBSN) Application. Communications in Computer and Information Science, 2011, , 678-688.	0.5	4
30	Wireless Multimedia Sensor Network Platform For Low Rate Image/Video Streaming. Jurnal Teknologi (Sciences and Engineering), 0, , .	0.4	4
31	The Development of Computer Controlled Multicolor Illumination Network Using RGB based Light Emitting Diodes. , 2008, , .		3
32	Enhanced lightweight medium access protocol with adaptive multi-timeslot allocation for wireless sensor network. , 2008, , .		3
33	Experimental Study of Sensing Performance Metrics for Cognitive Radio Network Using Software Defined Radio Platform. Communications in Computer and Information Science, 2011, , 666-677.	0.5	3
34	Cooperative Communication and Cognitive Radio (CR) Technology in LTE-Advanced. Communications in Computer and Information Science, 2011, , 701-710.	0.5	3
35	Threshold-Based Cross Layer Design for Video Streaming over Lossy Channels. Communications in Computer and Information Science, 2012, , 378-389.	0.5	3
36	Real Time Medical Data Acquisition Over Wireless Ad-hoc Network. , 0, , .		2

#	ARTICLE	IF	CITATIONS
37	H264/AVC features & functionalities suitable for wireless video transmission. , 2008, , .		2
38	Cross layer error-control scheme for video quality support over 802.11b wireless LAN. , 2009, , .		2
39	Inner bound capacity analysis of cooperative relay in cognitive radio using information theoretic approach. , 2009, , .		2
40	A cross-layer approach in enabling multimedia transmission over cognitive UWB network. , 2011, , .		2
41	Performance investigations of frequency agile enabled TelosB testbed in Home area network. , 2014, , .		2
42	On the Impact of Prefiltering on Compressed Sensing in Presence of Invalid Measurements. IEEE Signal Processing Letters, 2017, 24, 1886-1890.	3.6	2
43	Enhancing Video Quality over IEEE 802.11e WLAN Using Cross Layer Design. Lecture Notes in Computer Science, 2009, , 1168-1173.	1.3	2
44	Value-adding through Internal Audits: A Continuous Improvement Process in Microwave Engineering Education. , 2006, , .		1
45	Performance Evaluation of Video Transmission Over Ultrawideband WPAN. , 2009, , .		1
46	Reconfiguring Software Defined Radio platform for Dynamic Spectrum Access. , 2011, , .		1
47	Adaptive transport layer protocol for highly dynamic environment. Eurasip Journal on Wireless Communications and Networking, 2012, 2012, .	2.4	1
48	A Service Oriented middleware for Smart Home and Ambient Assisted Living. , 2015, , .		1
49	Cognitive Radio Simplex Link Management for Dynamic Spectrum Access Using GNU Radio. Lecture Notes in Electrical Engineering, 2011, , 407-419.	0.4	1
50	A Longitudinal Evaluation of Electromagnetic Theory Students' Continuous Improvement in Learning Skills. , 2006, , .		0
51	Performance of Continual Quality Improvement for Learning Process in a Microwave Engineering Based Core Subject. , 2006, , .		0
52	Information theoretic analysis of cooperative relay in cognitive radio. , 2009, , .		0
53	Performance analysis for cooperative relay with power control scheme over fading channel. , 2009, , .		0
54	Joint resource allocation and sensing scheduling for cognitive ultra wideband. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
55	Multimedia Prototype of a Bilingual Model Within Technology Based Learning Environment: An Implementation of a Mathematics Learning Framework. Lecture Notes in Computer Science, 2006, , 320-330.	1.3	0
56	Optimizing Distributed Cooperative Sensing Performance Using Swarm Intelligence. Communications in Computer and Information Science, 2011, , 407-420.	0.5	0