

Sharifah Kamilah Syed-Yusof

List of Publications by Year in descending order

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102
papers

473
citations

1307594

7
h-index

1281871

11
g-index

106
all docs

106
docs citations

106
times ranked

387
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental study of OFDM implementation utilizing GNU Radio and USRP - SDR. , 2009, , .		38
2	Energy detection sensing based on GNU radio and USRP: An analysis study. , 2009, , .		33
3	Performance Study of Wireless Body Area Network in Medical Environment. , 2008, , .		25
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	Proposed transport protocol for reliable data transfer in wireless sensor network (WSN). , 2011, , .		19
6	Proactive integrated handoff management in cognitive radio mobile ad hoc networks. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, .	2.4	16
7	Performance evaluation of intercarrier interference self-cancellation schemes for space time frequency block codes MIMO-OFDM system. , 2008, , .		14
8	Challenges and practical implementation of self-organizing networks in LTE/LTE-Advanced systems. , 2011, , .		12
9	Inter-cell Interference Mitigation and Coordination in CoMP Systems. Communications in Computer and Information Science, 2011, , 654-665.	0.5	12
10	RSSI measurements for enabling IEEE 802.15.4 coexistence with IEEE 802.11b/g. , 2009, , .		11
11	Integration of Cooperative Sensing and Transmission. IEEE Vehicular Technology Magazine, 2010, 5, 46-53.	3.4	10
12	MPEG-4 video transmission using distributed TDMA MAC protocol over IEEE 802.15.4 wireless technology. , 2011, , .		10
13	Interference aware channel assignment (IACA) for cognitive wireless mesh networks. , 2013, , .		10
14	Circular Collaborative Beamforming for Improved Radiation Beampattern in WSN. International Journal of Distributed Sensor Networks, 2013, 9, 125423.	2.2	10
15	Multicasting Multiple Description Coding Using p-Cycle Network Coding. KSII Transactions on Internet and Information Systems, 2013, 7, 3118-3134.	0.3	10
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	Proactive integrated handoff management in CR-MANETs: A conceptual model. , 2012, , .		9

#	ARTICLE	IF	CITATIONS
19	Performance Study of the Coexistence of Wireless Sensor Networks (WSN) and Wireless Local Area Networks (WLAN). , 2008, , .		8
20	Intelligent optimization of node coordination in Wireless Sensor Network. , 2009, , .		7
21	Soft-feedback MMSE equalization for non-orthogonal frequency division multiplexing (n-OFDM) signal detection. , 2012, , .		7
22	Performance analysis of Doppler shift effects on OFDM-based and MC-CDMA-based cognitive radios. International Journal of Communication Systems, 2013, 27, n/a-n/a.	2.5	7
23	Performance Analysis of Compressed Sensing Given Insufficient Random Measurements. ETRI Journal, 2013, 35, 200-2006.	2.0	7
24	Intercarrier interference self-cancellation for space-time-frequency MIMO-OFDM system. , 2008, , .		6
25	Proposed Nature Inspired Self-Organized Secure Autonomous Mechanism for WSNs. , 2009, , .		6
26	Improvement of Ultra-wideband Link Performance over Bands Requiring Interference Mitigation in Korea. ETRI Journal, 2010, 32, 44-52.	2.0	6
27	Software-Defined Networking (SDN) and 5G Network: The Role of Controller Placement for Scalable Control Plane. , 2020, , .		6
28	Self-optimized autonomous routing protocol for wireless sensor networks with cross layer architecture. , 2009, , .		5
29	Cross layer based biological inspired self-organized routing protocol for wireless sensor network. , 2009, , .		5
30	Recovery error bounds on compressed sensing of noisy signals. International Journal of Communication Systems, 2015, 28, 546-559.	2.5	5
31	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
32	Optimization of adaptive linear sensor node array in Wireless Sensor Network. , 2009, , .		4
33	Sensing period considerations in fading environment for multimedia delivery in cognitive Ultra Wideband system. , 2009, , .		4
34	Evaluation of required sensing time for multimedia transmission over cognitive Ultra Wideband system. , 2009, , .		4
35	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
36	Optimizing achievable throughput for cognitive radio network using swarm intelligence. , 2011, , .		4

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37	Enhanced FCME Thresholding for Wavelet-Based Cognitive UWB over Fading Channels. ETRI Journal, 2011, 33, 961-964.	2.0	4
38	TDMA-based cooperative sensing using SDR platform for cognitive radio. , 2012, , .		4
39	Integrated handoff management in cognitive radio mobile ad hoc networks. , 2013, , .		4
40	Integer Coefficients Partial Response Signaling in OFDM System. , 2006, , .		3
41	Space Time Frequency Block Codes for MIMO-OFDM system using intercarrier interference self-cancellation schemes. , 2008, , .		3
42	An improved authentication key management scheme for Multihop relay in IEEE 802.16m networks. , 2010, , .		3
43	Evaluation on optimum geometrical of linear node array for self-organization in a wireless sensor network. , 2010, , .		3
44	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
45	Error concealment using multiple description coding and Lloyd-max quantization. , 2011, , .		3
46	Cross-layer routing approach in highly dynamic networks. , 2011, , .		3
47	Wavelet Packet-Based Transceiver for Cognitive UWB. Canadian Journal of Electrical and Computer Engineering, 2014, 37, 59-64.	2.0	3
48	Threshold-Based Cross Layer Design for Video Streaming over Lossy Channels. Communications in Computer and Information Science, 2012, , 378-389.	0.5	3
49	Link Capacity Based Channel Assignment (LCCA) for Cognitive Radio Wireless Mesh Networks. Jurnal Teknologi (Sciences and Engineering), 2013, 65, .	0.4	3
50	H264/AVC features & functionalities suitable for wireless video transmission. , 2008, , .		2
51	Cross layer error-control scheme for video quality support over 802.11b wireless LAN. , 2009, , .		2
52	Inner bound capacity analysis of cooperative relay in cognitive radio using information theoretic approach. , 2009, , .		2
53	Analysis of recursive systematic convolutional turbo codes in MB-OFDM UWB with channel estimation. , 2010, , .		2
54	A New Data-Conjugate Intercarrier (ICI) Self-Cancellation for ICI Reduction in Space Time Frequency Block Codes MIMO-OFDM System. , 2010, , .		2

#	ARTICLE	IF	CITATIONS
55	Adaptive data distribution technique for enhancing MB-OFDM UWB link performance in detect and avoid environments. International Journal of Ultra Wideband Communications and Systems, 2011, 2, 1.	0.1	2
56	DSA impacts on data transmission: An experimental study. , 2012, , .		2
57	Dynamic Spectrum Access (DSA) for multimedia application. , 2013, , .		2
58	Training Monitoring System for Cyclist Based on Android Application Development. Jurnal Teknologi (Sciences and Engineering), 2013, 64, .	0.4	2
59	Modelling of routing and spectrum handoff in CR-MANETs. Eurasip Journal on Wireless Communications and Networking, 2014, 2014, .	2.4	2
60	PUSH: Proactive Unified Spectrum Handoff in CR-MANETs. , 2014, , .		2
61	Orthogonal Frequency-Division Multiplexing-Based Cooperative Spectrum Sensing for Cognitive Radio Networks. Telkomnika (Telecommunication Computing Electronics and Control), 2014, 12, 143.	0.8	2
62	Enhancing Video Quality over IEEE 802.11e WLAN Using Cross Layer Design. Lecture Notes in Computer Science, 2009, , 1168-1173.	1.3	2
63	Performance Evaluations of ICI Cancellation Schemes in OFDM Systems. , 0, , .		1
64	The Effects of Clipping Techniques on PRS-OFDM System. , 2006, , .		1
65	Code rate adaptation for mitigating the effects of Detect And Avoid (DAA) mechanism on the performance of UWB systems. , 2008, , .		1
66	Optimal forwarding routing protocol in IPv6-based Wireless Sensor Networks. , 2009, , .		1
67	Study on multiband UWB system via WPMCM in the context of cognitive radio. , 2009, , .		1
68	CSI Feedback Model in the Context of Adaptive Cognitive Radio Systems. , 2009, , .		1
69	Code Rate Adaptation for Efficient Bandwidth Utilization in UWB Wireless Personal Area Networks. , 2009, , .		1
70	Link aware unsolicited grant service packet scheduling for mobile WiMAX. , 2011, , .		1
71	Reconfiguring Software Defined Radio platform for Dynamic Spectrum Access. , 2011, , .		1
72	Joint power allocation strategy in CoMP (JP) transmission. , 2012, , .		1

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73	Investigation of Error Concealment Using Different Transform Codings and Multiple Description Codings. Journal of Electrical Engineering, 2012, 63, 171-179.	0.7	1
74	IR-HARQ scheme on Bit-Interleaved Coded Modulation. , 2012, , .		1
75	Adaptive transport layer protocol for highly dynamic environment. Eurasip Journal on Wireless Communications and Networking, 2012, 2012, .	2.4	1
76	On the performance of SVD estimation in Saleh-Valenzuela channel for UWB system. , 2013, , .		1
77	Edge Energy Detection using GNU radio and USRP2: An analysis study. , 2013, , .		1
78	Intelligent circular collaborative beamforming array in wireless sensor network for efficient radiation. , 2013, , .		1
79	Error concealment using joint multiple description Lloyd-max quantization and network coding. , 2013, , .		1
80	Cognitive Radio Simplex Link Management for Dynamic Spectrum Access Using GNU Radio. Lecture Notes in Electrical Engineering, 2011, , 407-419.	0.4	1
81	Iterative Data Detection and Pilot Symbol Assisted-Channel Estimation for Single-Parity Check-Product Coded Multiple Antennas System. , 0, , .		0
82	Performance of iterative data detection and channel estimation for single-parity check-product coded multiple antenna wireless communications. , 2005, , .		0
83	Investigation of integer-coefficient partial response coding in STBC-OFDM system. , 2005, , .		0
84	Iterative data detection and channel estimation for single-parity check-product coded MIMO wireless communications system. , 2005, , .		0
85	The performance of correlative coding in MIMO-OFDM systems. , 0, , .		0
86	Reducing PAPR in PRS-OFDM system using Fraction Time-Selective (FTS) Envelope Modification. , 2007, , .		0
87	Implementation of an inter-carrier interference self-cancellation technique for OFDM system in Altera CYCLONE II FPGA. , 2008, , .		0
88	Compact broadband PCML bandpass filter with broad upper stop band. , 2008, , .		0
89	Microwave filter research in Universiti Teknologi Malaysia. , 2008, , .		0
90	Single parity check product code in MB-OFDM ultra wideband system. , 2009, , .		0

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91	Information theoretic analysis of cooperative relay in cognitive radio. , 2009, , .		0
92	Performance analysis for cooperative relay with power control scheme over fading channel. , 2009, , .		0
93	Joint resource allocation and sensing scheduling for cognitive ultra wideband. , 2010, , .		0
94	Compensation of link distortion for cognitive WPMCM UWB system. , 2011, , .		0
95	On the performance of space-time cooperative relay in fading channel. , 2011, , .		0
96	Analytical Performance of the Zero Padded Multibands OFDM under UWB Environments. , 2011, , .		0
97	A simple algorithm for subcarrier and power allocation in WiMAX network. , 2012, , .		0
98	An analytical model for handoff management and routing in CR-ad hoc networks. , 2013, , .		0
99	Fuzzy Based PC-PUSH in CR-MANETs. Mathematical Problems in Engineering, 2014, 2014, 1-15.	1.1	0
100	QoS aware transmission control scheme for multihop WiMAX network. International Journal of Communication Systems, 2014, 27, 1766-1782.	2.5	0
101	Optimizing Distributed Cooperative Sensing Performance Using Swarm Intelligence. Communications in Computer and Information Science, 2011, , 407-420.	0.5	0
102	CRLB Analysis for Cognitive IR-UWB with Imperfect Sensing. Jurnal Teknologi (Sciences and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 T	0.4	0