

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	Software-Defined Networking (SDN) and 5G Network: The Role of Controller Placement for Scalable Control Plane. , 2020, , .		6
2	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
3	Recovery error bounds on compressed sensing of noisy signals. International Journal of Communication Systems, 2015, 28, 546-559.	2.5	5
4	Fuzzy Based PC-PUSH in CR-MANETs. Mathematical Problems in Engineering, 2014, 2014, 1-15.	1.1	0
5	Wavelet Packet-Based Transceiver for Cognitive UWB%metteur-rÃ©cepteurÃ base de paquet d'ondelette pour les applications cognitives UWB. Canadian Journal of Electrical and Computer Engineering, 2014, 37, 59-64.	2.0	3
6	QoS aware transmission control scheme for multihop%WiMAX%network. International Journal of Communication Systems, 2014, 27, 1766-1782.	2.5	0
7	Modelling of routing and spectrum handoff in CR-MANETs. Eurasip Journal on Wireless Communications and Networking, 2014, 2014, .	2.4	2
8	PUSH: Proactive Unified Spectrum Handoff in CR-MANETs. , 2014, , .		2
9	Orthogonal Frequency-Division Multiplexing-Based Cooperative Spectrum Sensing for Cognitive Radio Networks. Telkomnika (Telecommunication Computing Electronics and Control), 2014, 12, 143.	0.8	2
10	On the performance of SVD estimation in Saleh-Valenzuela channel for UWB system. , 2013, , .		1
11	Proactive integrated handoff management in cognitive radio mobile ad hoc networks. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, .	2.4	16
12	Edge Energy Detection using GNU radio and USRP2: An analysis study. , 2013, , .		1
13	An analytical model for handoff management and routing in CR-ad hoc networks. , 2013, , .		0
14	Dynamic Spectrum Access (DSA) for multimedia application. , 2013, , .		2
15	Interference aware channel assignment (IACA) for cognitive wireless mesh networks. , 2013, , .		10
16	Integrated handoff management in cognitive radio mobile ad hoc networks. , 2013, , .		4
17	Intelligent circular collaborative beamforming array in wireless sensor network for efficient radiation. , 2013, , .		1
18	Error concealment using joint multiple description Lloyd-max quantization and network coding. , 2013, , .		1

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19	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
20	Training Monitoring System for Cyclist Based on Android Application Development. Jurnal Teknologi (Sciences and Engineering), 2013, 64, .	0.4	2
21	Performance Analysis of Compressed Sensing Given Insufficient Random Measurements. ETRI Journal, 2013, 35, 200-2006.	2.0	7
22	Circular Collaborative Beamforming for Improved Radiation Beampattern in WSN. International Journal of Distributed Sensor Networks, 2013, 9, 125423.	2.2	10
23	Link Capacity Based Channel Assignment (LCCA) for Cognitive Radio Wireless Mesh Networks. Jurnal Teknologi (Sciences and Engineering), 2013, 65, .	0.4	3
24	Multicasting Multiple Description Coding Using p-Cycle Network Coding. KSII Transactions on Internet and Information Systems, 2013, 7, 3118-3134.	0.3	10
25	Joint power allocation strategy in CoMP (JP) transmission. , 2012, , .		1
26	Proactive integrated handoff management in CR-MANETs: A conceptual model. , 2012, , .		9
27	Investigation of Error Concealment Using Different Transform Codings and Multiple Description Codings. Journal of Electrical Engineering, 2012, 63, 171-179.	0.7	1
28	IR-HARQ scheme on Bit-Interleaved Coded Modulation. , 2012, , .		1
29	DSA impacts on data transmission: An experimental study. , 2012, , .		2
30	Soft-feedback MMSE equalization for non-orthogonal frequency division multiplexing (n-OFDM) signal detection. , 2012, , .		7
31	Adaptive transport layer protocol for highly dynamic environment. Eurasip Journal on Wireless Communications and Networking, 2012, 2012, .	2.4	1
32	A simple algorithm for subcarrier and power allocation in WiMAX network. , 2012, , .		0
33	TDMA-based cooperative sensing using SDR platform for cognitive radio. , 2012, , .		4
34	Threshold-Based Cross Layer Design for Video Streaming over Lossy Channels. Communications in Computer and Information Science, 2012, , 378-389.	0.5	3
35	CRLB Analysis for Cognitive IR-UWB with Imperfect Sensing. Jurnal Teknologi (Sciences and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj	0.4	0
36	Link aware unsolicited grant service packet scheduling for mobile WiMAX. , 2011, , .		1

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37	Compensation of link distortion for cognitive WPMCM UWB system. , 2011, , .		0
38	Proposed transport protocol for reliable data transfer in wireless sensor network (WSN). , 2011, , .		19
39	Reconfiguring Software Defined Radio platform for Dynamic Spectrum Access. , 2011, , .		1
40	Optimizing achievable throughput for cognitive radio network using swarm intelligence. , 2011, , .		4
41	Challenges and practical implementation of self-organizing networks in LTE/LTE-Advanced systems. , 2011, , .		12
42	Enabling dynamic spectrum access for cognitive radio using software defined radio platform. , 2011, , .		9
43	On the performance of space-time cooperative relay in fading channel. , 2011, , .		0
44	Analytical Performance of the Zero Padded Multibands OFDM under UWB Environments. , 2011, , .		0
45	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
46	Enhanced FCME Thresholding for Wavelet-Based Cognitive UWB over Fading Channels. ETRI Journal, 2011, 33, 961-964.	2.0	4
47	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
48	Error concealment using multiple description coding and Lloyd-max quantization. , 2011, , .		3
49	Cross-layer routing approach in highly dynamic networks. , 2011, , .		3
50	MPEG-4 video transmission using distributed TDMA MAC protocol over IEEE 802.15.4 wireless technology. , 2011, , .		10
51	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
52	Inter-cell Interference Mitigation and Coordination in CoMP Systems. Communications in Computer and Information Science, 2011, , 654-665.	0.5	12
53	Cognitive Radio Simplex Link Management for Dynamic Spectrum Access Using GNU Radio. Lecture Notes in Electrical Engineering, 2011, , 407-419.	0.4	1
54	Optimizing Distributed Cooperative Sensing Performance Using Swarm Intelligence. Communications in Computer and Information Science, 2011, , 407-420.	0.5	0

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55	Integration of Cooperative Sensing and Transmission. IEEE Vehicular Technology Magazine, 2010, 5, 46-53.	3.4	10
56	Improvement of Ultra-wideband Link Performance over Bands Requiring Interference Mitigation in Korea. ETRI Journal, 2010, 32, 44-52.	2.0	6
57	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
58	Analysis of recursive systematic convolutional turbo codes in MB-OFDM UWB with channel estimation. , 2010, , .		2
59	An improved authentication key management scheme for Multihop relay in IEEE 802.16m networks. , 2010, , .		3
60	A New Data-Conjugate Intercarrier (ICI) Self-Cancellation for ICI Reduction in Space Time Frequency Block Codes MIMO-OFDM System. , 2010, , .		2
61	Joint resource allocation and sensing scheduling for cognitive ultra wideband. , 2010, , .		0
62	Evaluation on optimum geometrical of linear node array for self-organization in a wireless sensor network. , 2010, , .		3
63	Self-optimized autonomous routing protocol for wireless sensor networks with cross layer architecture. , 2009, , .		5
64	Optimal forwarding routing protocol in IPv6-based Wireless Sensor Networks. , 2009, , .		1
65	Cross layer error-control scheme for video quality support over 802.11b wireless LAN. , 2009, , .		2
66	Optimization of adaptive linear sensor node array in Wireless Sensor Network. , 2009, , .		4
67	Biological inspired self-optimized routing algorithm for wireless sensor networks. , 2009, , .		9
68	RSSI measurements for enabling IEEE 802.15.4 coexistence with IEEE 802.11b/g. , 2009, , .		11
69	Single parity check product code in MB-OFDM ultra wideband system. , 2009, , .		0
70	Sensing period considerations in fading environment for multimedia delivery in cognitive Ultra Wideband system. , 2009, , .		4
71	Energy detection sensing based on GNU radio and USRP: An analysis study. , 2009, , .		33
72	Experimental study of OFDM implementation utilizing GNU Radio and USRP - SDR. , 2009, , .		38

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73	Study on multiband UWB system via WPMCM in the context of cognitive radio. , 2009, , .		1
74	Information theoretic analysis of cooperative relay in cognitive radio. , 2009, , .		0
75	Proposed Nature Inspired Self-Organized Secure Autonomous Mechanism for WSNs. , 2009, , .		6
76	Cross layer based biological inspired self-organized routing protocol for wireless sensor network. , 2009, , .		5
77	Intelligent optimization of node coordination in Wireless Sensor Network. , 2009, , .		7
78	CSI Feedback Model in the Context of Adaptive Cognitive Radio Systems. , 2009, , .		1
79	Code Rate Adaptation for Efficient Bandwidth Utilization in UWB Wireless Personal Area Networks. , 2009, , .		1
80	Evaluation of required sensing time for multimedia transmission over cognitive Ultra Wideband system. , 2009, , .		4
81	Inner bound capacity analysis of cooperative relay in cognitive radio using information theoretic approach. , 2009, , .		2
82	Performance analysis for cooperative relay with power control scheme over fading channel. , 2009, , .		0
83	Enhancing Video Quality over IEEE 802.11e WLAN Using Cross Layer Design. Lecture Notes in Computer Science, 2009, , 1168-1173.	1.3	2
84	Performance Study of Wireless Body Area Network in Medical Environment. , 2008, , .		25
85	Performance Study of the Coexistence of Wireless Sensor Networks (WSN) and Wireless Local Area Networks (WLAN). , 2008, , .		8
86	Implementation of an inter-carrier interference self-cancellation technique for OFDM system in Altera CYCLONE II FPGA. , 2008, , .		0
87	H264/AVC features & functionalities suitable for wireless video transmission. , 2008, , .		2
88	Performance evaluation of intercarrier interference self-cancellation schemes for space time frequency block codes MIMO-OFDM system. , 2008, , .		14
89	Compact broadband PCML bandpass filter with broad upper stop band. , 2008, , .		0
90	Intercarrier interference self-cancellation for space-time-frequency MIMO-OFDM system. , 2008, , .		6

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91	Code rate adaptation for mitigating the effects of Detect And Avoid (DAA) mechanism on the performance of UWB systems. , 2008, , .		1
92	Space Time Frequency Block Codes for MIMO-OFDM system using intercarrier interference self-cancellation schemes. , 2008, , .		3
93	Microwave filter research in Universiti Teknologi Malaysia. , 2008, , .		0
94	Reducing PAPR in PRS-OFDM system using Fraction Time-Selective (FTS) Envelope Modification. , 2007, , .		0
95	The Effects of Clipping Techniques on PRS-OFDM System. , 2006, , .		1
96	Integer Coefficients Partial Response Signaling in OFDM System. , 2006, , .		3
97	Performance of iterative data detection and channel estimation for single-parity check-product coded multiple antenna wireless communications. , 2005, , .		0
98	Investigation of integer-coefficient partial response coding in STBC-OFDM system. , 2005, , .		0
99	Iterative data detection and channel estimation for single-parity check-product coded MIMO wireless communications system. , 2005, , .		0
100	Iterative Data Detection and Pilot Symbol Assisted-Channel Estimation for Single-Parity Check-Product Coded Multiple Antennas System. , 0, , .		0
101	Performance Evaluations of ICI Cancellation Schemes in OFDM Systems. , 0, , .		1
102	The performance of correlative coding in MIMO-OFDM systems. , 0, , .		0