

Salman A Alqahtani

List of Publications by Year in descending order

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docs citations

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times ranked

402
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep learning-based multidimensional feature fusion for classification of ECG arrhythmia. <i>Neural Computing and Applications</i> , 2023, 35, 16073-16087.	5.6	17
2	Analyzing the Impact of Demographic Variables on Spreading and Forecasting COVID-19. <i>Journal of Healthcare Informatics Research</i> , 2022, 6, 72-90.	7.6	4
3	A Stackelberg Game-Based Dynamic Resource Allocation in Edge Federated 5G Network. <i>IEEE Access</i> , 2022, 10, 10460-10471.	4.2	13
4	Parallel and Practical Approach of Efficient Image Chaotic Encryption Based on Message Passing Interface (MPI). <i>Entropy</i> , 2022, 24, 566.	2.2	4
5	Intelligent Virtual Resource Allocation of QoS-Guaranteed Slices in B5G-Enabled VANETs for Intelligent Transportation Systems. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022, 23, 19704-19713.	8.0	9
6	Proactive Caching in D2D Assisted Multitier Cellular Network. <i>Sensors</i> , 2022, 22, 5078.	3.8	6
7	Cooperation-Based Adaptive and Reliable MAC Design for Multichannel Directional Wireless IoT Networks. <i>IEEE Access</i> , 2021, 9, 97518-97538.	4.2	4
8	6G Ecosystem: Current Status and Future Perspective. <i>IEEE Access</i> , 2021, 9, 43134-43167.	4.2	121
9	A Lightweight and Robust Secure Key Establishment Protocol for Internet of Medical Things in COVID-19 Patients Care. <i>IEEE Internet of Things Journal</i> , 2021, 8, 15694-15703.	8.7	123
10	An Efficient MAC with Spectrum Handoff and Frame Fragmentation Strategies for Cognitive Radio Networks. <i>Arabian Journal for Science and Engineering</i> , 2021, 46, 8641-8654.	3.0	1
11	Analysis of the Shortest Path in Spherical Fuzzy Networks Using the Novel Dijkstra Algorithm. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-15.	1.1	3
12	A multi-stage analysis of network slicing architecture for 5G mobile networks. <i>Telecommunication Systems</i> , 2020, 73, 205-221.	2.5	16
13	An efficient resource allocation to improve QoS of 5G slicing networks using general processor sharing-based scheduling algorithm. <i>International Journal of Communication Systems</i> , 2020, 33, e4250.	2.5	10
14	Performance evaluation of a priority-based resource allocation scheme for multiclass services in IoT. <i>International Journal of Communication Systems</i> , 2019, 32, e4151.	2.5	2
15	A route stability-based multipath QoS routing protocol in cognitive radio ad hoc networks. <i>Wireless Networks</i> , 2019, 25, 2931-2951.	3.0	21
16	Analysis of an Adaptive Priority-Based Resource Sharing Scheme for Multiservice IoT Communications Over LTE-A Networks. <i>Arabian Journal for Science and Engineering</i> , 2019, 44, 3457-3472.	3.0	2
17	Delay-Aware Resource Allocation for M2M Communications Over LTE-A Networks. <i>Arabian Journal for Science and Engineering</i> , 2019, 44, 3639-3653.	3.0	3
18	Modeling and performance analysis of unlicensed bands MAC strategy in multi-channel LTE-A networks with M2M/H2H coexistence. <i>Wireless Networks</i> , 2018, 24, 1965-1978.	3.0	2

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19	Analysis of a Hybrid Priority Scheme for Multiclass M2M Communications Over LTE-A Networks. Arabian Journal for Science and Engineering, 2018, 43, 6981-6993.	3.0	3
20	Performance analysis of cognitive-based radio resource allocation in multi-channel LTE-A networks with M2M/H2H coexistence. IET Communications, 2017, 11, 655-663.	2.2	10
21	Analysis and modelling of power consumption-aware priority-based scheduling for M2M data aggregation over long-term evolution networks. IET Communications, 2017, 11, 177-184.	2.2	12
22	Cooperative and fair MAC protocols for cognitive radio ad-hoc networks. Wireless Networks, 2017, 23, 2289-2306.	3.0	5
23	Routing Protocol for Cognitive Radio Ad Hoc Networks. International Journal of Interdisciplinary Telecommunications and Networking, 2017, 9, 45-60.	0.3	2
24	Delay Aware and Users Categorizing-Based Call Admission Control for Multi-Services LTE-A Networks. Arabian Journal for Science and Engineering, 2016, 41, 3631-3644.	1.1	8
25	PN code acquisition using smart antennas and adaptive thresholding for spread spectrum communications. Wireless Networks, 2016, 22, 223-234.	3.0	7
26	Cooperative Multichannel MAC Protocol for Cognitive Radio Ad Hoc. , 2015, , .		1
27	Token Bucket Fair Scheduling Algorithm with Adaptive Rate Allocations for Heterogeneous Wireless Networks. Wireless Personal Communications, 2015, 84, 801-819.	2.7	2
28	MC-MAC: An Efficient Multichannel MAC Protocol for Cognitive Radio Ad Hoc Networks. , 2015, , .		1
29	Performance Evaluation of Joint Admission and Eviction Controls of Secondary Users in Cognitive Radio Networks. Arabian Journal for Science and Engineering, 2015, 40, 3469-3481.	1.1	1
30	Analysis of an Adaptive Priority Based Resource Allocation Control for LTE-Advanced Communications with Type I Relay Nodes. Wireless Personal Communications, 2014, 77, 2699-2722.	2.7	2
31	Study of an admission control with adaptive probability in relay enhanced LTE-Advanced networks. , 2014, , .		0
32	An admission control scheme for secondary users in cognitive radio networks. , 2014, , .		1
33	Analysis of resource splitting scheme with cognitive based admission control for femto-WiFi wireless networks. Wireless Networks, 2014, 20, 2307-2317.	3.0	3
34	Cooperative Multichannel MAC Protocol for Cognitive Radio Ad Hoc. , 2014, , .		0
35	Radio Resource Management Scheme for Multi-Agency TEDS Networks. Arabian Journal for Science and Engineering, 2013, 38, 3321-3330.	1.1	1
36	Comparing different LTE scheduling schemes. , 2013, , .		23

#	ARTICLE	IF	CITATIONS
37	Performance Modeling and Evaluation of Novel Scheduling Algorithm for LTE Networks. , 2013, , .		19
38	Radio resource sharing in multi-agency TEDS networks. , 2012, , .		0
39	Resolving Wireless Security Limitations Using a New Wi-Fi Secure Access. , 2012, , .		1
40	Adaptive packet reservation multiple access protocol for fixed wireless communications. , 2012, , .		0
41	Adaptive rate scheduling for 3G networks with shared resources using the generalized processor sharing performance model. Computer Communications, 2008, 31, 103-111.	5.1	13
42	Performance Evaluation and Analytical Modeling of Novel Dynamic Call Admission Control Scheme for 3G and Beyond Cellular Wireless Networks. , 2007, , .		2
43	Dynamic radio resource allocation for 3G and beyond mobile wireless networks. Computer Communications, 2006, 30, 41-51.	5.1	10
44	Barriers of managing cloud outsource software development projects: a multivocal study. Multimedia Tools and Applications, 0, , 1.	3.9	4