Mohammad Yamin

List of Publications by Year
in descending order

67 papers	1,013 citations	516215 16 h-index	500791 28 g-index
68 all docs	68 docs citations	68 times ranked	495 citing authors

#	Article	IF	Citations
1	Covidâ€19 cases prediction using SARIMAX Model by tuning hyperparameter through grid search crossâ€validation approach. Expert Systems, 2023, 40, .	2.9	1
2	A low resource 3D U-Net based deep learning model for medical image analysis. International Journal of Information Technology (Singapore), 2022, 14, 95-103.	1.8	11
3	A Survey of Interoperability Challenges and Solutions for Dealing With Them in IoT Environment. IEEE Access, 2022, 10, 36416-36428.	2.6	9
4	Hierarchical Blockchain-Based Multi-Chaincode Access Control for Securing IoT Systems. Electronics (Switzerland), 2022, 11, 711.	1.8	23
5	A Framework for Crowd Management during COVID-19 with Artificial Intelligence. Sustainability, 2022, 14, 303.	1.6	17
6	Analysis of Smart Tools and Technology for Managing COVID-19: A Case Study of Saudi Arabia. , 2022, , .		0
7	Enhancing Privacy and Security in Crowds using Fog Computing. , 2022, , .		1
8	An Analysis of COVID-19 and its Management by Saudi Arabia with Digital Technology. , 2022, , .		0
9	Advanced Traffic Framework for Managing Congestion. , 2022, , .		0
10	A Novel Genetic Algorithm for Efficient Task Scheduling in Cloud Environment. , 2022, , .		5
11	A Framework for Comprehensive Crowd and Hajj Management. , 2022, , .		1
12	A Preliminary Review of E-Learning Program of King Abdulaziz University of Saudi Arabia. , 2022, , .		0
13	A Smart Flexible Tool to Improve Reading Skill based on M-Learning. , 2022, , .		0
14	Intrusion Detection System using Binary and Multiclass Deep Neural Network Classification. , 2022, , .		2
15	Using Blockchain Technology to Manage Hajj and Umrah. , 2022, , .		1
16	Advantages of using fog in IoT applications. International Journal of Information Technology (Singapore), 2021, 13, 829-837.	1.8	44
17	Improving Privacy and Security of User Data in Location Based Services. , 2021, , 1411-1437.		0
18	A Novel Technique for Early Detection of COVID-19. Computers, Materials and Continua, 2021, 68, 2283-2298.	1.5	17

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19	Blockchain-Based Secured Access Control in an IoT System. Applied Sciences (Switzerland), 2021, 11, 1772.	1.3	45
20	A framework for pandemic compliant higher education national system. International Journal of Information Technology (Singapore), 2021, 13, 407-414.	1.8	18
21	COVID-19 compliant and cost effective teaching model for King Abdulaziz University. International Journal of Information Technology (Singapore), 2021, 13, 1343-1356.	1.8	16
22	Web-based framework for smart parking system. International Journal of Information Technology (Singapore), 2021, 13, 1495-1502.	1.8	13
23	A framework for dynamic smart traffic light management system. International Journal of Information Technology (Singapore), 2021, 13, 1769-1776.	1.8	7
24	A review of effectiveness of Saudi E-government data security management. International Journal of Information Technology (Singapore), 2021, 13, 573-579.	1.8	12
25	Hajj and Umrah management during COVID-19. International Journal of Information Technology (Singapore), 2021, 13, 2491-2495.	1.8	18
26	Measuring impact of healthcare information systems in administration and operational management. International Journal of Information Technology (Singapore), 2020, 12, 767-774.	1.8	12
27	Genetic algorithms for the travelling salesman problem: a crossover comparison. International Journal of Information Technology (Singapore), 2020, 12, 209-213.	1.8	9
28	Digital Governments of Developed Nations and Saudi Arabia: A Comparative Study. , 2020, , .		2
29	A New Method With Swapping of Peers and Fogs to Protect User Privacy in IoT Applications. IEEE Access, 2020, 8, 210206-210224.	2.6	23
30	Counting the cost of COVID-19. International Journal of Information Technology (Singapore), 2020, 12, 311-317.	1.8	78
31	An overview of M-government services in Saudi Arabia. International Journal of Information Technology (Singapore), 2020, 12, 1237-1241.	1.8	4
32	An Overview of Security Management in Saudi Arabia. , 2020, , .		1
33	5G Network and Security. , 2020, , .		6
34	Information technologies of 21st century and their impact on the society. International Journal of Information Technology (Singapore), 2019, 11, 759-766.	1.8	21
35	An Innovative Method for Preserving Privacy in Internet of Things. Sensors, 2019, 19, 3355.	2.1	44
36	Learner characteristics of m-learning preferences. International Journal of Information Technology (Singapore), 2019, 11, 493-505.	1.8	4

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37	Managing crowds with technology: cases of Hajj and Kumbh Mela. International Journal of Information Technology (Singapore), 2019, 11, 229-237.	1.8	45
38	Preserving privacy in internet of things: a survey. International Journal of Information Technology (Singapore), 2018, 10, 189-200.	1.8	71
39	Improving Privacy and Security of User Data in Location Based Services. International Journal of Ambient Computing and Intelligence, 2018, 9, 19-42.	0.8	85
40	Double Cache Approach with Wireless Technology for Preserving User Privacy. Wireless Communications and Mobile Computing, 2018, 2018, 1-11.	0.8	26
41	IT applications in healthcare management: a survey. International Journal of Information Technology (Singapore), 2018, 10, 503-509.	1.8	34
42	Managing Crowds with Wireless and Mobile Technologies. Wireless Communications and Mobile Computing, 2018, 2018, 1-15.	0.8	54
43	Effects of personality traits and preferences on M-learning. International Journal of Information Technology (Singapore), 2017, 9, 77-86.	1.8	7
44	A distributed smart fusion framework based on hard and soft sensors. International Journal of Information Technology (Singapore), 2017, 9, 19-31.	1.8	8
45	Measuring success of e-government of Saudi Arabia. International Journal of Information Technology (Singapore), 2017, 9, 287-293.	1.8	37
46	Intelligent decision making and analysis using fuzzy cognitive maps for disaster recovery planning. International Journal of Information Technology (Singapore), 2017, 9, 225-238.	1.8	4
47	Database design and implementation of CSR functions: a case study of Saudi Arabian banking environment. International Journal of Information Technology (Singapore), 2017, 9, 389-394.	1.8	15
48	Towards Automatic Generation of Project-Based Solutions. IFIP Advances in Information and Communication Technology, 2015, , 123-134.	0.5	1
49	Information Analytics for Healthcare Service Discovery. Journal of Healthcare Engineering, 2014, 5, 457-478.	1.1	13
50	An Architecture for Improving Hajj Management. IFIP Advances in Information and Communication Technology, 2014, , 187-196.	0.5	13
51	A Novel Multimodal Data Analytic Scheme for Human Activity Recognition. IFIP Advances in Information and Communication Technology, 2014, , 449-458.	0.5	0
52	Structure of Relative Relation Modules of Finite Groups. , 2014, , 265-274.		0
53	Face to Face or Facebook: 21st Century University Education: A Survey. IFIP Advances in Information and Communication Technology, 2014, , 471-477.	0.5	1
54	RELATIVE RELATION MODULES OF FINITE ELEMENTARY ABELIAN p-GROUPS. Bulletin of the Korean Mathematical Society, 2014, 51, 1205-1210.	0.3	0

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55	Smart, Innovative and Plagiarism-deterrent Assessments. Procedia, Social and Behavioral Sciences, 2012, 55, 816-824.	0.5	1
56	A Commentary on Peter Buckleyâ€™s Writings on the Global Factory. Management International Review, 2011, 51, 285-293.	2.1	41
57	ONTOLOGY BASED UML2 COMPONENT ARCHITECTURE GENERATION. , 2010, , .		0
58	Transformation of Semantic Analysis to Com+ Business Requirements Using MDA Approach. Journal of Service Science and Management, 2010, 03, 67-71.	0.4	2
59	Requirements Analysis and Traceability at CIM Level. Journal of Software Engineering and Applications, 2010, 03, 845-851.	0.8	4
60	Crowd Management with RFID and Wireless Technologies. , 2009, , .		48
61	RFID Technology and Crowded Event Management. , 2008, , .		30
62	Introduction to the special issue on "The Internet and its paradoxical nature in international business". Critical Perspectives on International Business, 2007, 3, .	1.4	2
63	Minimal Relative Relation Modules of Finite p-Groups. Proceedings of the American Mathematical Society, 1993, 118, 1.	0.4	0
64	Minimal relative relation modules of finite p-groups. Proceedings of the American Mathematical Society, 1993, 118, 1-1.	0.4	1
65	Relative relation modules of finite groups. Proceedings of the Edinburgh Mathematical Society, 1991, 34, 433-442.	0.2	3
66	Relative relation modules of finite groups. Bulletin of the Australian Mathematical Society, 1983, 28, 447-448.	0.3	1
67	E-Governance in Developing World: Design of BPR Model for Makkah Municipality eServices. International Journal of Computer and Communication Engineering, 0, , 674-679.	0.2	1