Madini Obad Alassafi

List of Publications by Year
in descending order

58 papers	1,143 citations	471509 17 h-index	454955 30 g-index
60 all docs	60 docs citations	60 times ranked	866 citing authors

#	Article	IF	Citations
1	Blockchain with Internet of Things: Benefits, Challenges, and Future Directions. International Journal of Intelligent Systems and Applications, 2018, 10, 40-48.	1.1	189
2	In Search of Self-Sovereign Identity Leveraging Blockchain Technology. IEEE Access, 2019, 7, 103059-103079.	4.2	127
3	Time series predicting of COVID-19 based on deep learning. Neurocomputing, 2022, 468, 335-344.	5.9	75
4	Data security in cloud computing. , 2016, , .		58
5	An exploratory study for investigating the critical success factors for cloud migration in the Saudi Arabian higher education context. Telematics and Informatics, 2017, 34, 664-678.	5.8	54
6	Internet of Things Forensics: A Review. Internet of Things (Netherlands), 2020, 11, 100220.	7.7	46
7	Discrete-time macroeconomic system: Bifurcation analysis and synchronization using fuzzy-based activation feedback control. Chaos, Solitons and Fractals, 2021, 142, 110378.	5.1	42
8	Real-Time Surveillance Through Face Recognition Using HOG and Feedforward Neural Networks. IEEE Access, 2019, 7, 121236-121244.	4.2	39
9	A framework for critical security factors that influence the decision of cloud adoption by Saudi government agencies. Telematics and Informatics, 2017, 34, 996-1010.	5.8	32
10	XACML for Building Access Control Policies in Internet of Things. , 2018, , .		32
11	Brain Tumor Classification Based on Fine-Tuned Models and the Ensemble Method. Computers, Materials and Continua, 2021, 67, 3967-3982.	1.9	29
12	Security, Cybercrime and Digital Forensics for IoT. Intelligent Systems Reference Library, 2020, , 551-577.	1.2	28
13	Intelligent parameter identification and prediction of variable time fractional derivative and application in a symmetric chaotic financial system. Chaos, Solitons and Fractals, 2022, 154, 111590.	5.1	27
14	TRACKING CONTROL AND STABILIZATION OF A FRACTIONAL FINANCIAL RISK SYSTEM USING NOVEL ACTIVE FINITE-TIME FAULT-TOLERANT CONTROLS. Fractals, 2021, 29, 2150155.	3.7	26
15	An Efficient Network Intrusion Detection and Classification System. Mathematics, 2022, 10, 530.	2.2	24
16	Risk-Based Access Control Model: A Systematic Literature Review. Future Internet, 2020, 12, 103.	3.8	23
17	An energy-efficient fog-to-cloud Internet of Medical Things architecture. International Journal of Distributed Sensor Networks, 2019, 15, 155014771985197.	2.2	21
18	Performance Analysis of Cryptographic Pseudorandom Number Generators. IEEE Access, 2019, 7, 39794-39805.	4.2	21

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19	Exploiting Level 1 and Level 3 features of fingerprints for liveness detection. Biomedical Signal Processing and Control, 2020, 61, 102039.	5.7	21
20	Critical Success Factors for Cloud Migration in Higher Education Institutions: A Conceptual Framework. International Journal of Intelligent Computing Research, 2017, 8, 817-825.	0.5	14
21	Distributed Consensus Tracking Control of Chaotic Multi-Agent Supply Chain Network: A New Fault-Tolerant, Finite-Time, and Chatter-Free Approach. Entropy, 2022, 24, 33.	2.2	13
22	AutoRet: A Self-Supervised Spatial Recurrent Network for Content-Based Image Retrieval. Sensors, 2022, 22, 2188.	3.8	13
23	Real-Time Surveillance Using Deep Learning. Security and Communication Networks, 2021, 2021, 1-17.	1.5	12
24	Fuzzy synchronization of fractional-order chaotic systems using finite-time command filter. Information Sciences, 2021, 579, 325-346.	6.9	12
25	Machine Learning, Deep Learning, and Mathematical Models to Analyze Forecasting and Epidemiology of COVID-19: A Systematic Literature Review. International Journal of Environmental Research and Public Health, 2022, 19, 5099.	2.6	12
26	From Conventional to State-of-the-Art IoT Access Control Models. Electronics (Switzerland), 2020, 9, 1693.	3.1	10
27	Dynamical Investigation, Electronic Circuit Realization and Emulation of a Fractional-Order Chaotic Three-Echelon Supply Chain System. Mathematics, 2022, 10, 625.	2.2	10
28	Automatic Segmentation Using a Hybrid Dense Network Integrated With an 3D-Atrous Spatial Pyramid Pooling Module for Computed Tomography (CT) Imaging. IEEE Access, 2020, 8, 169794-169803.	4.2	9
29	Add-On Anomaly Threshold Technique for Improving Unsupervised Intrusion Detection on SCADA Data. Electronics (Switzerland), 2020, 9, 1017.	3.1	9
30	Predicting catastrophic temperature changes based on past events via a CNN-LSTM regression mechanism. Neural Computing and Applications, 2021, 33, 9775-9790.	5.6	9
31	Success indicators for an efficient utilization of cloud computing in healthcare organizations: Saudi healthcare as case study. Computer Methods and Programs in Biomedicine, 2021, 212, 106466.	4.7	9
32	On the Design of Thermal-Aware Duty-Cycle MAC Protocol for IoT Healthcare. Sensors, 2020, 20, 1243.	3.8	8
33	Security risk factors that influence cloud computing adoption in Saudi Arabia government agencies. , 2016, , .		7
34	Determining Factors Pertaining to Cloud Security Adoption Framework in Government Organizations: An Exploratory Study. IEEE Access, 2019, 7, 136822-136835.	4.2	7
35	Optimal output tracking of switched Boolean networks. Asian Journal of Control, 2022, 24, 1235-1246.	3.0	7
36	Optimal Reinforcement Learning-Based Control Algorithm for a Class of Nonlinear Macroeconomic Systems. Mathematics, 2022, 10, 499.	2.2	7

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37	A validation of security determinants model for cloud adoption in Saudi organisations' context. International Journal of Information Technology (Singapore), 2019, , 1.	2.7	6
38	Ensemble of 2D Residual Neural Networks Integrated with Atrous Spatial Pyramid Pooling Module for Myocardium Segmentation of Left Ventricle Cardiac MRI. Mathematics, 2022, 10, 627.	2.2	6
39	An efficient resource optimization scheme for D2D communication. Digital Communications and Networks, 2022, 8, 1122-1129.	5.0	6
40	Towards a framework to enable the migration process to educational clouds in Saudi higher education. , 2016, , .		5
41	Security in Organisations: Governance, Risks and Vulnerabilities in Moving to the Cloud. Lecture Notes in Computer Science, 2017, , 241-258.	1.3	5
42	Impacts of MT-HVDC Systems on Enhancing the Power Transmission Capability. Applied Sciences (Switzerland), 2020, 10, 242.	2.5	5
43	Social Anchor: Privacy-Friendly Attribute Aggregation From Social Networks. IEEE Access, 2020, 8, 61844-61871.	4.2	5
44	An Efficient Algorithm for mmWave MIMO Systems. Symmetry, 2019, 11, 786.	2.2	4
45	Real-time adaptive stochastic control of smart grid data traffic for security purposes. Sustainable Cities and Society, 2020, 63, 102473.	10.4	3
46	An Algorithmic Approach to Compute the Metric Index of Chordal Ring Networks. IEEE Access, 2020, 8, 80427-80436.	4.2	3
47	An Autoregressive Exogenous Neural Network to Model Fire Behavior via a Naïve Bayes Filter. IEEE Access, 2020, 8, 98281-98294.	4.2	3
48	Towards an Intelligent Framework for Cloud Service Discovery. International Journal of Cloud Applications and Computing, 2021, 11, 33-57.	2.0	3
49	Beyond traditional approaches: a partial directed coherence with graph theory-based mental load assessment using EEG modality. Neural Computing and Applications, 2022, 34, 11395-11410.	5.6	2
50	C2S2-LOOP: Circular Chessboard-Based Secure Source Location Privacy Model Using ECC-ALO in WSN. Wireless Communications and Mobile Computing, 2021, 2021, 1-17.	1.2	2
51	Constructing Artistic Surface Modeling Design Based on Nonlinear Over-limit Interpolation Equation. Applied Mathematics and Nonlinear Sciences, 2022, 7, 183-190.	1.6	2
52	An Effective Knowledge-Based Modeling Approach towards a "Smart-School Care Coordination System"for Children and Young People with Special Educational Needs and Disabilities. Symmetry, 2020, 12, 1495.	2.2	1
53	A validation of a cloud migration readiness assessment instrument: case studies. SN Applied Sciences, 2020, 2, 1.	2.9	0
54	Quantifying some distance topological properties of the non-zero component graph. AIMS Mathematics, 2021, 6, 3512-3524.	1.6	0

#	Article	IF	Citations
55	Enhanced Textual Password Scheme for Better Security and Memorability. International Journal of Advanced Computer Science and Applications, 2018, 9, .	0.7	0
56	Some spectral sufficient conditions for a graph being pancyclic. AIMS Mathematics, 2020, 5, 5389-5401.	1.6	0
57	On the Geodesic Identification of Vertices in Convex Plane Graphs. Mathematical Problems in Engineering, 2020, 2020, 1-13.	1.1	0
58	Stochastic Robustness of Delayed Discrete Noises for Delay Differential Equations. Mathematics, 2022, 10, 743.	2.2	0