Isra M Al-Turaiki

List of Publications by Year
in descending order

36 papers	614 citations	840585 11 h-index	642610 23 g-index
36 all docs	36 docs citations	36 times ranked	546 citing authors

#	Article	IF	Citations
1	Machine learning approaches in COVID-19 diagnosis, mortality, and severity risk prediction: A review. Informatics in Medicine Unlocked, 2021, 24, 100564.	1.9	128
2	Arabic handwriting recognition system using convolutional neural network. Neural Computing and Applications, 2021, 33, 2249-2261.	3.2	88
3	Building predictive models for MERS-CoV infections using data mining techniques. Journal of Infection and Public Health, 2016, 9, 744-748.	1.9	58
4	Predicting Critical Courses Affecting Students Performance: A Case Study. Procedia Computer Science, 2016, 82, 65-71.	1.2	42
5	A Recurrent Neural Network model to predict blood–brain barrier permeability. Computational Biology and Chemistry, 2020, 89, 107377.	1.1	42
6	A Convolutional Neural Network for Improved Anomaly-Based Network Intrusion Detection. Big Data, 2021, 9, 233-252.	2.1	39
7	Finding Similar Documents Using Different Clustering Techniques. Procedia Computer Science, 2016, 82, 28-34.	1.2	31
8	Feature Extraction Methods in Quantitative Structure–Activity Relationship Modeling: A Comparative Study. IEEE Access, 2020, 8, 78737-78752.	2.6	25
9	Modeling traffic accidents in Saudi Arabia using classification techniques. , 2016, , .		18
10	Early Detection of Red Palm Weevil, Rhynchophorus ferrugineus (Olivier), Infestation Using Data Mining. Plants, 2021, 10, 95.	1.6	14
11	Analyzing Passive BCI Signals to Control Adaptive Automation Devices. Sensors, 2019, 19, 3042.	2.1	13
12	Mitigating Email Phishing Attacks using Convolutional Neural Networks. , 2020, , .		12
13	Empirical Evaluation of Alternative Time-Series Models for COVID-19 Forecasting in Saudi Arabia. International Journal of Environmental Research and Public Health, 2021, 18, 8660.	1.2	12
14	Optimal Deep Transfer Learning-Based Human-Centric Biomedical Diagnosis for Acute Lymphoblastic Leukemia Detection. Computational Intelligence and Neuroscience, 2022, 2022, 1-13.	1.1	12
15	Gene-based molecular analysis of COX1 in Echinococcus granulosus cysts isolated from naturally infected livestock in Riyadh, Saudi Arabia. PLoS ONE, 2018, 13, e0195016.	1.1	11
16	A deep learning approach to predict blood-brain barrier permeability. PeerJ Computer Science, 2021, 7, e515.	2.7	11
17	Molecular Characterization of Sarcocystis Species Isolated from Sheep and Goats in Riyadh, Saudi Arabia. Animals, 2019, 9, 256.	1.0	10
18	Identification of Sarcocystis spp. in One-humped Camels (Camelus dromedarius) from Riyadh and Dammam, Saudi Arabia, via Histological and Phylogenetic Approaches. Animals, 2020, 10, 1108.	1.0	6

#	Article	IF	Citations
19	Molecular Identification of Trypanosoma evansi Isolated from Arabian Camels (Camelus dromedarius) in Riyadh and Al-Qassim, Saudi Arabia. Animals, 2021, 11, 1149.	1.0	6
20	Autoencoder-based Dimensionality Reduction for QSAR Modeling. , 2020, , .		6
21	Auto-KPCA: A Two-Step Hybrid Feature Extraction Technique for Quantitative Structure–Activity Relationship Modeling. IEEE Access, 2021, 9, 2466-2477.	2.6	5
22	Prevalence Rate and Molecular Characteristics of Oestrus ovis L. (Diptera, Oestridae) in Sheep and Goats from Riyadh, Saudi Arabia. Animals, 2021, 11, 689.	1.0	5
23	Classification and assessment tools for structural motif discovery algorithms. BMC Bioinformatics, 2013, 14, S4.	1.2	3
24	A Deep Learning Approach for Anomaly-Based Network Intrusion Detection. Communications in Computer and Information Science, 2020, , 603-615.	0.4	3
25	Measuring Patient Experience In Real Time Using IBeacon Technology. Bioscience Biotechnology Research Communications, 2019, 12, 230-238.	0.1	3
26	TrieAMD: a scalable and efficient apriori motif discovery approach. International Journal of Data Mining and Bioinformatics, 2015, 13, 13.	0.1	2
27	Gene-based molecular characterization of *cox1* and *pnad5* in *Hymenolepis nana* isolated from naturally infected mice and rats in Saudi Arabia. Bioscience Reports, 2019, 39, .	1.1	2
28	Improved Detection of Malicious Domain Names Using Gradient Boosted Machines and Feature Engineering. Information Technology and Control, 2022, 51, 313-331.	1.1	2
29	IncMD: Incremental trie-based structural motif discovery algorithm. Journal of Bioinformatics and Computational Biology, 2014, 12, 1450027.	0.3	1
30	IGuard: Mobile Security Guard System With Infrared Biosensor And Google Glass. Bioscience Biotechnology Research Communications, 2019, 12, 333-337.	0.1	1
31	3D Echolocating System For The Visually Impaired Based On Bat SONAR Approach. Bioscience Biotechnology Research Communications, 2019, 12, 356-361.	0.1	1
32	Molecular Detection of Tick-Borne Rickettsial Pathogens Associated with the Arabian Camel (Camelus) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.4	1
33	Identification of *Theileria* spp. in sheep and goats from Jeddah, Saudi Arabia, using molecular techniques. PeerJ, 2021, 9, e12596.	0.9	1
34	Usability Evaluation of Origin of Replication Finding Tools. Lecture Notes in Computer Science, 2018, , 3-13.	1.0	0
35	Chemoinformatics for Data Scientists. , 2020, , .		0
36	Incremental Ant-Miner Classifier for Online Big Data Analytics. Sensors, 2022, 22, 2223.	2.1	0