

Mohamed Adel Serhani

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,409
citations

687220

13
h-index

752573

20
g-index

27
all docs

27
docs citations

27
times ranked

1178
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal Deep Learning LSTM Model for Electric Load Forecasting using Feature Selection and Genetic Algorithm: Comparison with Machine Learning Approaches. Energies, 2018, 11, 1636.	1.6	529
2	ECG Monitoring Systems: Review, Architecture, Processes, and Key Challenges. Sensors, 2020, 20, 1796.	2.1	151
3	Multi-Sequence LSTM-RNN Deep Learning and Metaheuristics for Electric Load Forecasting. Energies, 2020, 13, 391.	1.6	122
4	Performance Evaluation of Deep CNN-Based Crack Detection and Localization Techniques for Concrete Structures. Sensors, 2021, 21, 1688.	2.1	114
5	Federated Learning in Edge Computing: A Systematic Survey. Sensors, 2022, 22, 450.	2.1	92
6	Big Data Pre-processing: A Quality Framework. , 2015, , .		71
7	Single and Multi-Sequence Deep Learning Models for Short and Medium Term Electric Load Forecasting. Energies, 2019, 12, 149.	1.6	51
8	Big Data Quality: A Quality Dimensions Evaluation. , 2016, , .		42
9	Vaccine versus Variants (3Vs): Are the COVID-19 Vaccines Effective against the Variants? A Systematic Review. Vaccines, 2021, 9, 1305.	2.1	39
10	Big data quality framework: a holistic approach to continuous quality management. Journal of Big Data, 2021, 8, .	6.9	35
11	SME2EM: Smart mobile end-to-end monitoring architecture for life-long diseases. Computers in Biology and Medicine, 2016, 68, 137-154.	3.9	21
12	Trends, Technologies, and Key Challenges in Smart and Connected Healthcare. IEEE Access, 2021, 9, 74044-74067.	2.6	21
13	Bibliometric Analysis and Review of Deep Learning-Based Crack Detection Literature Published between 2010 and 2022. Buildings, 2022, 12, 432.	1.4	19
14	Resource-Aware Mobile-Based Health Monitoring. IEEE Journal of Biomedical and Health Informatics, 2017, 21, 349-360.	3.9	16
15	Towards an efficient and Energy-Aware mobile big health data architecture. Computer Methods and Programs in Biomedicine, 2018, 166, 137-154.	2.6	15
16	Big Data Pre-Processing: Closing the Data Quality Enforcement Loop. , 2017, , .		14
17	Customized Rule-Based Model to Identify At-Risk Students and Propose Rational Remedial Actions. Big Data and Cognitive Computing, 2021, 5, 71.	2.9	11
18	A Multi-Dimensional Trust Model for Processing Big Data Over Competing Clouds. IEEE Access, 2018, 6, 39989-40007.	2.6	9

#	ARTICLE	IF	CITATIONS
19	Trust enforcement through self-adapting cloud workflow orchestration. Future Generation Computer Systems, 2019, 97, 462-481.	4.9	8
20	The use of data mining techniques to predict mortality and length of stay in an ICU. , 2016, , .		5
21	A Novel Patient Similarity Network (PSN) Framework Based on Multi-Model Deep Learning for Precision Medicine. Journal of Personalized Medicine, 2022, 12, 768.	1.1	5
22	Intelligent remote health monitoring using evident-based DSS for automated assistance. , 2014, 2014, 2674-7.		4
23	Big Data Quality: A Data Quality Profiling Model. Lecture Notes in Computer Science, 2019, , 61-77.	1.0	4
24	Automated system for evaluating higher education programs. Education and Information Technologies, 2019, 24, 3107-3128.	3.5	4
25	Deep Learning Approach for Forecasting Athletes' Performance in Sports Tournaments. , 2020, , .		3
26	ECG-based Arrhythmia Classification & Clinical Suggestions. , 2020, , .		3
27	Connected Mental Health Solutions: Global Attitudes, Preferences, and Concerns. Telemedicine Journal and E-Health, 2023, 29, 315-330.	1.6	1