

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 | Connected Mental Health Solutions: Global Attitudes, Preferences, and Concerns. <i>Telemedicine Journal and E-Health</i> , 2023, 29, 315-330. | 1.6 | 1 |
| 2 | Federated Learning in Edge Computing: A Systematic Survey. <i>Sensors</i> , 2022, 22, 450. | 2.1 | 92 |
| 3 | Bibliometric Analysis and Review of Deep Learning-Based Crack Detection Literature Published between 2010 and 2022. <i>Buildings</i> , 2022, 12, 432. | 1.4 | 19 |
| 4 | A Novel Patient Similarity Network (PSN) Framework Based on Multi-Model Deep Learning for Precision Medicine. <i>Journal of Personalized Medicine</i> , 2022, 12, 768. | 1.1 | 5 |
| 5 | Trends, Technologies, and Key Challenges in Smart and Connected Healthcare. <i>IEEE Access</i> , 2021, 9, 74044-74067. | 2.6 | 21 |
| 6 | Performance Evaluation of Deep CNN-Based Crack Detection and Localization Techniques for Concrete Structures. <i>Sensors</i> , 2021, 21, 1688. | 2.1 | 114 |
| 7 | Big data quality framework: a holistic approach to continuous quality management. <i>Journal of Big Data</i> , 2021, 8, . | 6.9 | 35 |
| 8 | Customized Rule-Based Model to Identify At-Risk Students and Propose Rational Remedial Actions. <i>Big Data and Cognitive Computing</i> , 2021, 5, 71. | 2.9 | 11 |
| 9 | Vaccine versus Variants (3Vs): Are the COVID-19 Vaccines Effective against the Variants? A Systematic Review. <i>Vaccines</i> , 2021, 9, 1305. | 2.1 | 39 |
| 10 | ECG Monitoring Systems: Review, Architecture, Processes, and Key Challenges. <i>Sensors</i> , 2020, 20, 1796. | 2.1 | 151 |
| 11 | Multi-Sequence LSTM-RNN Deep Learning and Metaheuristics for Electric Load Forecasting. <i>Energies</i> , 2020, 13, 391. | 1.6 | 122 |
| 12 | Deep Learning Approach for Forecasting Athletes' Performance in Sports Tournaments. , 2020, , . | | 3 |
| 13 | ECG-based Arrhythmia Classification & Clinical Suggestions. , 2020, , . | | 3 |
| 14 | Big Data Quality: A Data Quality Profiling Model. <i>Lecture Notes in Computer Science</i> , 2019, , 61-77. | 1.0 | 4 |
| 15 | Automated system for evaluating higher education programs. <i>Education and Information Technologies</i> , 2019, 24, 3107-3128. | 3.5 | 4 |
| 16 | Trust enforcement through self-adapting cloud workflow orchestration. <i>Future Generation Computer Systems</i> , 2019, 97, 462-481. | 4.9 | 8 |
| 17 | Single and Multi-Sequence Deep Learning Models for Short and Medium Term Electric Load Forecasting. <i>Energies</i> , 2019, 12, 149. | 1.6 | 51 |
| 18 | Towards an efficient and Energy-Aware mobile big health data architecture. <i>Computer Methods and Programs in Biomedicine</i> , 2018, 166, 137-154. | 2.6 | 15 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | A Multi-Dimensional Trust Model for Processing Big Data Over Competing Clouds. IEEE Access, 2018, 6, 39989-40007. | 2.6 | 9 |
| 20 | 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 |
| 21 | Resource-Aware Mobile-Based Health Monitoring. IEEE Journal of Biomedical and Health Informatics, 2017, 21, 349-360. | 3.9 | 16 |
| 22 | Big Data Pre-Processing: Closing the Data Quality Enforcement Loop. , 2017, , . | | 14 |
| 23 | The use of data mining techniques to predict mortality and length of stay in an ICU. , 2016, , . | | 5 |
| 24 | Big Data Quality: A Quality Dimensions Evaluation. , 2016, , . | | 42 |
| 25 | SME2EM: Smart mobile end-to-end monitoring architecture for life-long diseases. Computers in Biology and Medicine, 2016, 68, 137-154. | 3.9 | 21 |
| 26 | Big Data Pre-processing: A Quality Framework. , 2015, , . | | 71 |
| 27 | Intelligent remote health monitoring using evident-based DSS for automated assistance. , 2014, 2014, 2674-7. | | 4 |