

Abdelkader Dairi

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,075
citations

623574

14
h-index

752573

20
g-index

30
all docs

30
docs citations

30
times ranked

933
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards accurate prediction of patient length of stay at emergency department: a GAN-driven deep learning framework. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2023, 14, 11481-11495.	3.3	14
2	Efficient land desertification detection using a deep learning-driven generative adversarial network approach: A case study. <i>Concurrency Computation Practice and Experience</i> , 2022, 34, e6604.	1.4	3
3	Effective forecasting of key features in hospital emergency department: Hybrid deep learning-driven methods. <i>Machine Learning With Applications</i> , 2022, 7, 100200.	3.0	6
4	Deep Generative Learning-Based 1-SVM Detectors for Unsupervised COVID-19 Infection Detection Using Blood Tests. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022, 71, 1-11.	2.4	20
5	Forecasting of Bicycle and Pedestrian Traffic Using Flexible and Efficient Hybrid Deep Learning Approach. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 4482.	1.3	6
6	Machine learning and deep learning-driven methods for predicting ambient particulate matters levels: A case study. <i>Concurrency Computation Practice and Experience</i> , 2022, 34, .	1.4	5
7	Desertification Detection Using an Improved Variational Autoencoder-Based Approach Through ETM-Landsat Satellite Data. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 202-213.	2.3	22
8	Linear latent variable regression (LVR)-based process monitoring. , 2021, , 19-70.		4
9	Nonlinear latent variable regression methods. , 2021, , 119-154.		0
10	Unsupervised deep learning-based process monitoring methods. , 2021, , 193-223.		6
11	Unsupervised recurrent deep learning scheme for process monitoring. , 2021, , 225-253.		5
12	Integrated Multiple Directed Attention-Based Deep Learning for Improved Air Pollution Forecasting. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-15.	2.4	44
13	Building Roof Superstructures Classification From Imbalanced and Low Density Airborne LiDAR Point Cloud. <i>IEEE Sensors Journal</i> , 2021, 21, 14960-14976.	2.4	8
14	Efficient Deep Learning-driven Approach for PM2.5 Forecasting at Different Locations in Spain. , 2021, , .		2
15	Comparative study of machine learning methods for COVID-19 transmission forecasting. <i>Journal of Biomedical Informatics</i> , 2021, 118, 103791.	2.5	97
16	A deep attention-driven model to forecast solar irradiance. , 2021, , .		1
17	Forecasting emergency department overcrowding: A deep learning framework. <i>Chaos, Solitons and Fractals</i> , 2020, 139, 110247.	2.5	32
18	Deep learning methods for forecasting COVID-19 time-Series data: A Comparative study. <i>Chaos, Solitons and Fractals</i> , 2020, 140, 110121.	2.5	321

#	ARTICLE	IF	CITATIONS
19	Short-Term Forecasting of Photovoltaic Solar Power Production Using Variational Auto-Encoder Driven Deep Learning Approach. Applied Sciences (Switzerland), 2020, 10, 8400.	1.3	66
20	Monitoring Influent Conditions of Wastewater Treatment Plants by Nonlinear Data-Based Techniques. IEEE Access, 2019, 7, 108827-108837.	2.6	27
21	Deep learning approach for sustainable WWTP operation: A case study on data-driven influent conditions monitoring. Sustainable Cities and Society, 2019, 50, 101670.	5.1	48
22	An unsupervised monitoring procedure for detecting anomalies in photovoltaic systems using a one-class Support Vector Machine. Solar Energy, 2019, 179, 48-58.	2.9	95
23	Unsupervised obstacle detection in driving environments using deep-learning-based stereovision. Robotics and Autonomous Systems, 2018, 100, 287-301.	3.0	65
24	Obstacle Detection for Intelligent Transportation Systems Using Deep Stacked Autoencoder and k -Nearest Neighbor Scheme. IEEE Sensors Journal, 2018, 18, 5122-5132.	2.4	69
25	Detecting Abnormal Ozone Measurements With a Deep Learning-Based Strategy. IEEE Sensors Journal, 2018, 18, 7222-7232.	2.4	43
26	Wastewater treatment plant monitoring via a deep learning approach. , 2018, , .		5
27	Statistical monitoring of a wastewater treatment plant: A case study. Journal of Environmental Management, 2018, 223, 807-814.	3.8	54
28	Reliable detection of abnormal ozone measurements using an air quality sensors network. , 2018, , .		5