

Mariam Elnour

List of Publications by Year in descending order

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9
papers

268
citations

1478505

6
h-index

1720034

7
g-index

9
all docs

9
docs citations

9
times ranked

135
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel Actuator Fault Diagnosis Framework for Multizone HVAC Systems Using 2-D Convolutional Neural Networks. IEEE Transactions on Automation Science and Engineering, 2022, 19, 1985-1996.	5.2	7
2	Performance and energy optimization of building automation and management systems: Towards smart sustainable carbon-neutral sports facilities. Renewable and Sustainable Energy Reviews, 2022, 162, 112401.	16.4	48
3	Neural network-based model predictive control system for optimizing building automation and management systems of sports facilities. Applied Energy, 2022, 318, 119153.	10.1	53
4	Application of data-driven attack detection framework for secure operation in smart buildings. Sustainable Cities and Society, 2021, 69, 102816.	10.4	33
5	HVAC system attack detection dataset. Data in Brief, 2021, 37, 107166.	1.0	4
6	Sensor data validation and fault diagnosis using Auto-Associative Neural Network for HVAC systems. Journal of Building Engineering, 2020, 27, 100935.	3.4	50
7	A Dual-Isolation-Forests-Based Attack Detection Framework for Industrial Control Systems. IEEE Access, 2020, 8, 36639-36651.	4.2	64
8	Sensor Fault Diagnosis of Multi-Zone HVAC Systems Using Auto-Associative Neural Network. , 2019, , .		1
9	Multi-zone HVAC control system design using feedback linearization. , 2017, , .		8