Hamidreza Jahangir

List of Publications by Year
in descending order

17 papers	**582** citations	1040056 **9** h-index	1474206 **9** g-index
17 all docs	**17** docs citations	**17** times ranked	**491** citing authors

#	Article	IF	Citations
1	A Novel Cross-Case Electric Vehicle Demand Modeling Based on 3D Convolutional Generative Adversarial Networks. IEEE Transactions on Power Systems, 2022, 37, 1173-1183.	6.5	10
2	Deep Learning-Based Forecasting Approach in Smart Grids With Microclustering and Bidirectional LSTM Network. IEEE Transactions on Industrial Electronics, 2021, 68, 8298-8309.	7.9	104
3	Optimal bidding strategy of a virtual power plant in day-ahead energy and frequency regulation markets: A deep learning-based approach. International Journal of Electrical Power and Energy Systems, 2021, 127, 106646.	5.5	78
4	Plug-in electric vehicles demand modeling in smart grids. , 2021, , .		2
5	Optimal participation of a virtual power plant in electricity market considering renewable energy: A deep learning-based approach. Sustainable Energy, Grids and Networks, 2021, 26, 100448.	3.9	35
6	Virtual power plant performance strategy in the DA and RT market under uncertainties. , 2021, , .		0
7	A Novel Electricity Price Forecasting Approach Based on Dimension Reduction Strategy and Rough Artificial Neural Networks. IEEE Transactions on Industrial Informatics, 2020, 16, 2369-2381.	11.3	83
8	Plug-in Electric Vehicle Behavior Modeling in Energy Market: A Novel Deep Learning-Based Approach With Clustering Technique. IEEE Transactions on Smart Grid, 2020, 11, 4738-4748.	9.0	62
9	Short-term wind speed forecasting framework based on stacked denoising auto-encoders with rough ANN. Sustainable Energy Technologies and Assessments, 2020, 38, 100601.	2.7	51
10	Why Electric Vehicles?. , 2020, , 1-20.		1
11	Artificial Intelligence-based Approach For Electric Vehicle Travel Behavior Modeling. , 2020, , 21-46.		2
12	Optimal Charging of Plug-In Electric Vehicle: Considering Travel Behavior Uncertainties and Battery Degradation. Applied Sciences (Switzerland), 2019, 9, 3420.	2.5	17
13	Charging demand of Plug-in Electric Vehicles: Forecasting travel behavior based on a novel Rough Artificial Neural Network approach. Journal of Cleaner Production, 2019, 229, 1029-1044.	9.3	124
14	Optimal droop parameter adjustments for an islanded micro-grid considering unexpected perturbation in load demand In the presence of energy storages. , 2018, , .		0
15	Travel behavior and System Objectives Uncertainties In Electric Vehicle Optimal Charging. , 2018, , .		0
16	Multi-objective sizing of grid-connected micro-grid using Pareto front solutions. , 2015, , .		4
17	Optimal design of stand-alone microgrid resources based on proposed Monte-Carlo simulation. , 2015, , .		9