Mehdi Neshat

List of Publications by Year
in descending order

25	408	687363 13	752698 20
papers	citations	h-index	g-index

27	27	27	211
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Layout optimisation of offshore wave energy converters using a novel multi-swarm cooperative algorithm with backtracking strategy: A case study from coasts of Australia. Energy, 2022, 239, 122463.	8.8	31
2	A Numerical Methodology to Predict the Maximum Power Output of Tidal Stream Arrays. Sustainability, 2022, 14, 1664.	3.2	4
3	A Novel Hybrid Sine Cosine Algorithm and Pattern Search for Optimal Coordination of Power System Damping Controllers. Sustainability, 2022, 14, 541.	3.2	35
4	Marine Online Platforms of Services to Public End-Usersâ€"The Innovation of the ODYSSEA Project. Remote Sensing, 2022, 14, 572.	4.0	3
5	Flow Discharge Prediction Study Using a CFD-Based Numerical Model and Gene Expression Programming. Water (Switzerland), 2022, 14, 650.	2.7	5
6	A Comparative State-of-the-Art Constrained Metaheuristics Framework for TRUSS Optimisation on Shape and Sizing. Mathematical Problems in Engineering, 2022, 2022, 1-13.	1.1	6
7	Quaternion convolutional long short-term memory neural model with an adaptive decomposition method for wind speed forecasting: North aegean islands case studies. Energy Conversion and Management, 2022, 259, 115590.	9.2	34
8	Optimization of hydraulic power take-off system settings for point absorber wave energy converter. Renewable Energy, 2022, 194, 938-954.	8.9	18
9	Wave power forecasting using an effective decomposition-based convolutional Bi-directional model with equilibrium Nelder-Mead optimiser. Energy, 2022, 256, 124623.	8.8	21
10	A Comparative Study of Metaheuristic Algorithms for Wave Energy Converter Power Take-Off Optimisation: A Case Study for Eastern Australia. Journal of Marine Science and Engineering, 2021, 9, 490.	2.6	19
11	A Combined Fuzzy GMDH Neural Network and Grey Wolf Optimization Application for Wind Turbine Power Production Forecasting Considering SCADA Data. Energies, 2021, 14, 3459.	3.1	20
12	GTOPX space mission benchmarks. SoftwareX, 2021, 14, 100666.	2.6	3
13	Multi-Mode Wave Energy Converter Design Optimisation Using an Improved Moth Flame Optimisation Algorithm. Energies, 2021, 14, 3737.	3.1	15
14	Exploring Wind Energy Potential as a Driver of Sustainable Development in the Southern Coasts of Iran: The Importance of Wind Speed Statistical Distribution Model. Sustainability, 2021, 13, 7702.	3.2	14
15	Wind turbine power output prediction using a new hybrid neuro-evolutionary method. Energy, 2021, 229, 120617.	8.8	66
16	Optimization of Multilevel Inverters Using Novelty-driven Multi-verse Optimization Algorithm. , 2021, , .		0
17	Power Output Prediction of Wave Farms Using Fully Connected Networks. , 2021, , .		0
18	Comparative Study of Oscillating Surge Wave Energy Converter Performance: A Case Study for Southern Coasts of the Caspian Sea. Sustainability, 2021, 13, 10932.	3.2	13

#	Article	IF	Citations
19	A Comprehensive Thermoeconomic Evaluation and Multi-Criteria Optimization of a Combined MCFC/TEG System. Sustainability, 2021, 13, 13187.	3.2	0
20	A Parametric Study of Wave Energy Converter Layouts in Real Wave Models. Energies, 2020, 13, 6095.	3.1	18
21	A New Bi-Level Optimisation Framework for Optimising a Multi-Mode Wave Energy Converter Design: A Case Study for the Marettimo Island, Mediterranean Sea. Energies, 2020, 13, 5498.	3.1	19
22	A hybrid cooperative co-evolution algorithm framework for optimising power take off and placements of wave energy converters. Information Sciences, 2020, 534, 218-244.	6.9	37
23	Optimisation of large wave farms using a multi-strategy evolutionary framework. , 2020, , .		4
24	A detailed comparison of meta-heuristic methods for optimising wave energy converter placements. , 2018, , .		14
25	Cascaded H-bridge multilevel inverters optimization using adaptive grey wolf optimizer with local search. Electrical Engineering, 0, , 1.	2.0	6