

# Mehdi Neshat

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

408  
citations

687363

13  
h-index

752698

20  
g-index

27  
all docs

27  
docs citations

27  
times ranked

211  
citing authors

#	ARTICLE	IF	CITATIONS
1	Wind turbine power output prediction using a new hybrid neuro-evolutionary method. Energy, 2021, 229, 120617.	8.8	66
2	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
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	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
5	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
6	Wave power forecasting using an effective decomposition-based convolutional Bi-directional model with equilibrium Nelder-Mead optimiser. Energy, 2022, 256, 124623.	8.8	21
7	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
8	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
9	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
10	A Parametric Study of Wave Energy Converter Layouts in Real Wave Models. Energies, 2020, 13, 6095.	3.1	18
11	Optimization of hydraulic power take-off system settings for point absorber wave energy converter. Renewable Energy, 2022, 194, 938-954.	8.9	18
12	Multi-Mode Wave Energy Converter Design Optimisation Using an Improved Moth Flame Optimisation Algorithm. Energies, 2021, 14, 3737.	3.1	15
13	A detailed comparison of meta-heuristic methods for optimising wave energy converter placements. , 2018, , .		14
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	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
16	Cascaded H-bridge multilevel inverters optimization using adaptive grey wolf optimizer with local search. Electrical Engineering, 0, , 1.	2.0	6
17	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
18	Flow Discharge Prediction Study Using a CFD-Based Numerical Model and Gene Expression Programming. Water (Switzerland), 2022, 14, 650.	2.7	5

#	ARTICLE	IF	CITATIONS
19	Optimisation of large wave farms using a multi-strategy evolutionary framework. , 2020, , .		4
20	A Numerical Methodology to Predict the Maximum Power Output of Tidal Stream Arrays. Sustainability, 2022, 14, 1664.	3.2	4
21	GTOPX space mission benchmarks. SoftwareX, 2021, 14, 100666.	2.6	3
22	Marine Online Platforms of Services to Public End-Usersâ€™The Innovation of the ODYSSEA Project. Remote Sensing, 2022, 14, 572.	4.0	3
23	Optimization of Multilevel Inverters Using Novelty-driven Multi-verse Optimization Algorithm. , 2021, , .		0
24	Power Output Prediction of Wave Farms Using Fully Connected Networks. , 2021, , .		0
25	A Comprehensive Thermo-economic Evaluation and Multi-Criteria Optimization of a Combined MCFC/TEG System. Sustainability, 2021, 13, 13187.	3.2	0