

# Farshid Keynia

## List of Publications by Year in descending order

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Version: 2024-02-01

62  
papers

3,679  
citations

147566

31  
h-index

143772

57  
g-index

62  
all docs

62  
docs citations

62  
times ranked

2992  
citing authors

#	ARTICLE	IF	CITATIONS
1	Air pollution forecasting application based on deep learning model and optimization algorithm. Clean Technologies and Environmental Policy, 2022, 24, 607-621.	2.1	44
2	Wild horse optimizer: a new meta-heuristic algorithm for solving engineering optimization problems. Engineering With Computers, 2022, 38, 3025-3056.	3.5	150
3	A new financial loss/gain wind power forecasting method based on deep machine learning algorithm by using energy storage system. IET Generation, Transmission and Distribution, 2022, 16, 851-868.	1.4	4
4	Hunterâ€“prey optimization: algorithm and applications. Soft Computing, 2022, 26, 1279-1314.	2.1	93
5	A Mediterranean Sea Offshore Wind classification using MERRA-2 and machine learning models. Renewable Energy, 2022, 190, 156-166.	4.3	23
6	A budget allocation and programming-based RCM approach to improve the reliability of power distribution networks. Energy Reports, 2022, 8, 5591-5602.	2.5	4
7	Short-term electricity load and price forecasting by a new optimal LSTM-NN based prediction algorithm. Electric Power Systems Research, 2021, 192, 106995.	2.1	125
8	OWMA: An improved self-regulatory woodpecker mating algorithm using opposition-based learning and allocation of local memory for solving optimization problems. Journal of Intelligent and Fuzzy Systems, 2021, 40, 919-946.	0.8	16
9	HSCWMA: A New Hybrid SCA-WMA Algorithm for Solving Optimization Problems. International Journal of Information Technology and Decision Making, 2021, 20, 775-808.	2.3	11
10	Interval prediction algorithm and optimal scenario making model for wind power producers bidding strategy. Optimization and Engineering, 2021, 22, 1807-1829.	1.3	8
11	Asset management and maintenance programming for power distribution systems: A review. IET Generation, Transmission and Distribution, 2021, 15, 2287-2297.	1.4	20
12	A new population initialisation method based on the Pareto 80/20 rule for metaâ€“heuristic optimisation algorithms. IET Software, 2021, 15, 323-347.	1.5	3
13	A Combined Fuzzy GMDH Neural Network and Grey Wolf Optimization Application for Wind Turbine Power Production Forecasting Considering SCADA Data. Energies, 2021, 14, 3459.	1.6	20
14	A new optimization method based on COOT bird natural life model. Expert Systems With Applications, 2021, 183, 115352.	4.4	206
15	A new optimal energy storage system model for wind power producers based on long short term memory and Coot Bird Search Algorithm. Journal of Energy Storage, 2021, 44, 103401.	3.9	16
16	Optimal Planning for the Development of Power System in Respect to Distributed Generations Based on the Binary Dragonfly Algorithm. Applied Sciences (Switzerland), 2020, 10, 4795.	1.3	12
17	A new <sc>indexâ€“based</sc> method for optimal <sc>DG</sc> placement in distribution networks. Engineering Reports, 2020, 2, e12243.	0.9	28
18	Short-term electricity price and load forecasting in isolated power grids based on composite neural network and gravitational search optimization algorithm. Applied Energy, 2020, 277, 115503.	5.1	122

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19	Cooperative Spectrum Sensing Meets Machine Learning: Deep Reinforcement Learning Approach. IEEE Communications Letters, 2020, 24, 1459-1462.	2.5	51
20	Mid-term electricity load forecasting by a new composite method based on optimal learning MLP algorithm. IET Generation, Transmission and Distribution, 2020, 14, 845-852.	1.4	37
21	A two-stage stochastic programming framework for risk-based day-ahead operation of a virtual power plant. International Transactions on Electrical Energy Systems, 2020, 30, e12255.	1.2	18
22	A new short-term wind speed forecasting method based on fine-tuned LSTM neural network and optimal input sets. Energy Conversion and Management, 2020, 213, 112824.	4.4	183
23	Intelligent method to cryptocurrency price variation forecasting. Journal of Engineering, 2020, 2020, 745-750.	0.6	1
24	Renewable Energies Generation and Carbon Dioxide Emission Forecasting in Microgrids and National Grids using GRNN-GWO Methodology. Energy Procedia, 2019, 159, 154-159.	1.8	61
25	A novel composite neural network based method for wind and solar power forecasting in microgrids. Applied Energy, 2019, 251, 113353.	5.1	67
26	Hybrid intelligent strategy for multifactor influenced electrical energy consumption forecasting. Energy Sources, Part B: Economics, Planning and Policy, 2019, 14, 341-358.	1.8	22
27	A new model for reliability-centered maintenance prioritisation of distribution feeders. Energy, 2019, 171, 701-709.	4.5	46
28	A new short-term energy price forecasting method based on wavelet neural network. International Journal of Mathematics in Operational Research, 2019, 14, 1.	0.1	10
29	A new short-term energy price forecasting method based on wavelet neural network. International Journal of Mathematics in Operational Research, 2019, 14, 1.	0.1	2
30	A Dataset-Independent Model for Estimating Software Development Effort Using Soft Computing Techniques. Applied Computer Science, 2019, 24, 82-93.	0.3	4
31	Mid-Term Load Power Forecasting Considering Environment Emission using a Hybrid Intelligent Approach. , 2018, , .		5
32	Two-layer volt/var/total harmonic distortion control in distribution network based on PVs output and load forecast errors. IET Generation, Transmission and Distribution, 2017, 11, 2130-2137.	1.4	14
33	Lifetime efficiency index model for optimal maintenance of power substation equipment based on cuckoo optimisation algorithm. IET Generation, Transmission and Distribution, 2017, 11, 2787-2795.	1.4	9
34	An evolutionary hybrid method to predict pistachio price. Complex & Intelligent Systems, 2017, 3, 121-132.	4.0	1
35	Designing of customer and employee churn prediction model based on data mining method and neural predictor. , 2017, , .		31
36	The Prediction of the Risk Level of Pulmonary Embolism and Deep Vein Thrombosis through Artificial Neural Network. Acta Informatica Medica, 2016, 24, 354.	0.5	17

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37	Feeder reconfiguration and capacitor allocation in the presence of non-linear loads using new P&PSO algorithm. IET Generation, Transmission and Distribution, 2016, 10, 2316-2326.	1.4	42
38	A new intelligent heuristic combined method for short-term electricity price forecasting in deregulated markets. Australian Journal of Electrical and Electronics Engineering, 2016, 13, 258-267.	0.7	3
39	Generation expansion planning by considering energy-efficiency programs in a competitive environment. International Journal of Electrical Power and Energy Systems, 2016, 80, 109-118.	3.3	28
40	Scrutiny of multifarious particle swarm optimization for finding the optimal size of a PV/wind/battery hybrid system. Renewable Energy, 2015, 80, 552-563.	4.3	159
41	A new short-term load forecast method based on neuro-evolutionary algorithm and chaotic feature selection. International Journal of Electrical Power and Energy Systems, 2014, 62, 862-867.	3.3	73
42	A new cascade NN based method to short-term load forecast in deregulated electricity market. Energy Conversion and Management, 2013, 71, 76-83.	4.4	79
43	A new feature selection algorithm and composite neural network for electricity price forecasting. Engineering Applications of Artificial Intelligence, 2012, 25, 1687-1697.	4.3	54
44	Wind Power Prediction by a New Forecast Engine Composed of Modified Hybrid Neural Network and Enhanced Particle Swarm Optimization. IEEE Transactions on Sustainable Energy, 2011, 2, 265-276.	5.9	245
45	Short-term wind power forecasting using ridgelet neural network. Electric Power Systems Research, 2011, 81, 2099-2107.	2.1	105
46	A new hybrid iterative method for short-term wind speed forecasting. European Transactions on Electrical Power, 2011, 21, 581-595.	1.0	33
47	A new prediction strategy for price spike forecasting of day-ahead electricity markets. Applied Soft Computing Journal, 2011, 11, 4246-4256.	4.1	60
48	A New Neural Network Approach to Short Term Load Forecasting of Electrical Power Systems. Energies, 2011, 4, 488-503.	1.6	66
49	Application of a new hybrid neuro-evolutionary system for day-ahead price forecasting of electricity markets. Applied Soft Computing Journal, 2010, 10, 784-792.	4.1	47
50	Short-Term Load Forecast of Microgrids by a New Bilevel Prediction Strategy. IEEE Transactions on Smart Grid, 2010, 1, 286-294.	6.2	246
51	Electricity market price spike analysis by a hybrid data model and feature selection technique. Electric Power Systems Research, 2010, 80, 318-327.	2.1	55
52	A new spinning reserve requirement forecast method for deregulated electricity markets. Applied Energy, 2010, 87, 1870-1879.	5.1	29
53	Day-ahead electricity price forecasting by modified relief algorithm and hybrid neural network. IET Generation, Transmission and Distribution, 2010, 4, 432.	1.4	125
54	Day-ahead price forecasting of electricity markets by a new feature selection algorithm and cascaded neural network technique. Energy Conversion and Management, 2009, 50, 2976-2982.	4.4	60

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55	Short-term load forecasting of power systems by combination of wavelet transform and neuro-evolutionary algorithm. Energy, 2009, 34, 46-57.	4.5	270
56	Day-Ahead Price Forecasting of Electricity Markets by Mutual Information Technique and Cascaded Neuro-Evolutionary Algorithm. IEEE Transactions on Power Systems, 2009, 24, 306-318.	4.6	207
57	Day ahead price forecasting of electricity markets by a mixed data model and hybrid forecast method. International Journal of Electrical Power and Energy Systems, 2008, 30, 533-546.	3.3	136
58	Mid-term load forecasting of power systems by a new prediction method. Energy Conversion and Management, 2008, 49, 2678-2687.	4.4	63
59	Electricity price forecasting with a new feature selection algorithm. Journal of Energy Markets, 2008, 1, 47-63.	0.2	4
60	An optimal design to provide combined cooling, heating, and power of residential buildings. International Journal of Modelling and Simulation, 0, , 1-16.	2.3	6
61	Sampling in weighted social networks using a levy flight-based learning automata. Journal of Supercomputing, 0, , 1.	2.4	0
62	A new index-based hyper-heuristic algorithm for global optimisation problems. IET Software, 0, , .	1.5	0