

Zhe Song

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

2,353
citations

304602

22
h-index

414303

32
g-index

37
all docs

37
docs citations

37
times ranked

2222
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Enhancing the generalizability of predictive models with synergy of data and physics. Measurement Science and Technology, 2022, 33, 034002. | 1.4 | 2 |
| 2 | Editorial: Engineering Applications of Neurocomputing. Frontiers in Neurorobotics, 2022, 16, 839505. | 1.6 | 0 |
| 3 | Wind Power Curve Data Cleaning by Image Thresholding Based on Class Uncertainty and Shape Dissimilarity. IEEE Transactions on Sustainable Energy, 2021, 12, 1383-1393. | 5.9 | 24 |
| 4 | A comparative study of the data-driven day-ahead hourly provincial load forecasting methods: From classical data mining to deep learning. Renewable and Sustainable Energy Reviews, 2020, 119, 109632. | 8.2 | 47 |
| 5 | Data-driven building load profiling and energy management. Sustainable Cities and Society, 2019, 49, 101587. | 5.1 | 29 |
| 6 | Wind turbine health state monitoring based on a Bayesian data-driven approach. Renewable Energy, 2018, 125, 172-181. | 4.3 | 46 |
| 7 | Day-ahead Prediction of Bi-hourly Solar Radiance with a Markov Switch Approach. , 2018, , . | | 0 |
| 8 | Formulation and Analysis of Grid and Coordinate Models for Planning Wind Farm Layouts. IEEE Access, 2017, 5, 1810-1819. | 2.6 | 18 |
| 9 | Day-Ahead Prediction of Bihourly Solar Radiance With a Markov Switch Approach. IEEE Transactions on Sustainable Energy, 2017, 8, 1536-1547. | 5.9 | 36 |
| 10 | A novel global maximum power point tracking method for PV system using Jaya algorithm. , 2017, , . | | 20 |
| 11 | The decision model of 3-dimensional wind farm layout design. Renewable Energy, 2016, 85, 248-258. | 4.3 | 34 |
| 12 | Data-Driven Wind Turbine Power Generation Performance Monitoring. IEEE Transactions on Industrial Electronics, 2015, 62, 6627-6635. | 5.2 | 74 |
| 13 | An agent-based model to study the market dynamics of perpetual and subscription licensing. Journal of the Operational Research Society, 2015, 66, 845-857. | 2.1 | 5 |
| 14 | Short-term wind speed forecasting with Markov-switching model. Applied Energy, 2014, 130, 103-112. | 5.1 | 98 |
| 15 | Very short-term wind speed forecasting with Bayesian structural break model. Renewable Energy, 2013, 50, 637-647. | 4.3 | 123 |
| 16 | Scheduling electric power production at a wind farm. European Journal of Operational Research, 2013, 224, 227-238. | 3.5 | 20 |
| 17 | Chinese Perception of Justice in Integrative Negotiation in Stranger and Acquaintance Contexts. Social Behavior and Personality, 2012, 40, 845-854. | 0.3 | 2 |
| 18 | Mining Markov chain transition matrix from wind speed time series data. Expert Systems With Applications, 2011, 38, 10229-10239. | 4.4 | 40 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Numerical investigation on porous media heat transfer in a solar tower receiver. Renewable Energy, 2011, 36, 1138-1144. | 4.3 | 75 |
| 20 | A heuristic model for scheduling wind turbines. , 2011, , . | | 0 |
| 21 | Mining Pareto-optimal modules for delayed product differentiation. European Journal of Operational Research, 2010, 201, 123-128. | 3.5 | 15 |
| 22 | Dynamic control of wind turbines. Renewable Energy, 2010, 35, 456-463. | 4.3 | 67 |
| 23 | Power optimization of wind turbines with data mining and evolutionary computation. Renewable Energy, 2010, 35, 695-702. | 4.3 | 62 |
| 24 | Design of wind farm layout for maximum wind energy capture. Renewable Energy, 2010, 35, 685-694. | 4.3 | 392 |
| 25 | Multiobjective Optimization of Temporal Processes. IEEE Transactions on Systems, Man, and Cybernetics, 2010, 40, 845-856. | 5.5 | 23 |
| 26 | Sensor Fault Detection in Power Plants. Journal of Energy Engineering - ASCE, 2009, 135, 127-137. | 1.0 | 17 |
| 27 | Optimization of Temporal Processes: A Model Predictive Control Approach. IEEE Transactions on Evolutionary Computation, 2009, 13, 169-179. | 7.5 | 20 |
| 28 | Wind farm power prediction: a dataâ€mining approach. Wind Energy, 2009, 12, 275-293. | 1.9 | 131 |
| 29 | Models for monitoring wind farm power. Renewable Energy, 2009, 34, 583-590. | 4.3 | 180 |
| 30 | On-line monitoring of power curves. Renewable Energy, 2009, 34, 1487-1493. | 4.3 | 194 |
| 31 | Short-Term Prediction of Wind Farm Power: A Data Mining Approach. IEEE Transactions on Energy Conversion, 2009, 24, 125-136. | 3.7 | 342 |
| 32 | Anticipatory Control of Wind Turbines With Data-Driven Predictive Models. IEEE Transactions on Energy Conversion, 2009, 24, 766-774. | 3.7 | 54 |
| 33 | Improving Combustion Performance by Online Learning. Energy Systems, 2009, , 131-148. | 0.5 | 0 |
| 34 | Clustering-Based Performance Optimization of the Boilerâ€Turbine System. IEEE Transactions on Energy Conversion, 2008, 23, 651-658. | 3.7 | 27 |
| 35 | Planning Product Configurations Based on Sales Data. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2007, 37, 602-609. | 3.3 | 22 |
| 36 | Constraint-Based Control of Boiler Efficiency: A Data-Mining Approach. IEEE Transactions on Industrial Informatics, 2007, 3, 73-83. | 7.2 | 52 |

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|----|--|-----|-----------|
| 37 | Combustion Efficiency Optimization and Virtual Testing: A Data-Mining Approach. IEEE Transactions on Industrial Informatics, 2006, 2, 176-184. | 7.2 | 62 |