

# Feng Zhang

## List of Publications by Year in descending order

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1163117

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Fault Diagnosis for Multilevel Converters Based on an Affine-Invariant Riemannian Metric Autoencoder. IEEE Transactions on Industrial Informatics, 2023, 19, 2619-2628.	11.3	1
2	Full Life-Cycle Optimal Battery Scheduling for Maximal Lifetime Value Considering Degradation. IEEE Transactions on Energy Conversion, 2022, 37, 1379-1393.	5.2	5
3	Lightning Performance Evaluation of Transmission Line Based on Data-Driven Lightning Identification, Tracking, and Analysis. IEEE Transactions on Electromagnetic Compatibility, 2021, 63, 160-171.	2.2	12
4	Energy-saving optimization strategy of multi-train metro timetable based on dual decision variables: A case study of Shanghai Metro line one. Journal of Rail Transport Planning and Management, 2021, 17, 100234.	1.4	14
5	Resilience-Oriented Transmission Line Fragility Modeling and Real-Time Risk Assessment of Thunderstorms. IEEE Transactions on Power Delivery, 2021, 36, 2363-2373.	4.3	18
6	A Deep Reinforcement Learning Approach for the Energy-Aimed Train Timetable Rescheduling Problem Under Disturbances. IEEE Transactions on Transportation Electrification, 2021, 7, 3096-3109.	7.8	19
7	A Real-Time Train Timetable Rescheduling Method Based on Deep Learning for Metro Systems Energy Optimization under Random Disturbances. Journal of Advanced Transportation, 2020, 2020, 1-14.	1.7	8
8	A novel control strategy for parallel operation of multi-inverters in low-voltage microgrids. Energy Reports, 2020, 6, 1212-1220.	5.1	2
9	Application of a Deep Deterministic Policy Gradient Algorithm for Energy-Aimed Timetable Rescheduling Problem. Energies, 2019, 12, 3461.	3.1	17
10	A Real-Time Timetable Rescheduling Method for Metro System Energy Optimization under Dwell-Time Disturbances. Journal of Advanced Transportation, 2019, 2019, 1-11.	1.7	6
11	Series AC Arc Fault Detection Method Based on Hybrid Time and Frequency Analysis and Fully Connected Neural Network. IEEE Transactions on Industrial Informatics, 2019, 15, 6210-6219.	11.3	56
12	A New Methodology for Identifying Arc Fault by Sparse Representation and Neural Network. IEEE Transactions on Instrumentation and Measurement, 2018, 67, 2526-2537.	4.7	82
13	A novel diagnostic algorithm for AC series arcing based on correlation analysis of high-frequency component of wavelet. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2017, 36, 271-288.	0.9	8
14	An Integrated Energy-Efficient Operation Methodology for Metro Systems Based on a Real Case of Shanghai Metro Line One. Energies, 2014, 7, 7305-7329.	3.1	46
15	Identification method for low-voltage Arc fault based on the loose combination of wavelet transformation and neural network. , 2012, , .		4
16	A novel two dimensional curve interpolation algorithm with temporal field. , 2010, , .		0
17	Image recognition via discrete Hopfield neural network. , 2010, , .		2
18	Contour recognition based on associative memory. , 2010, , .		0