

Fang Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7540205/publications.pdf>

Version: 2024-02-01

41
papers

1,025
citations

516710

16
h-index

414414

32
g-index

41
all docs

41
docs citations

41
times ranked

1210
citing authors

#	ARTICLE	IF	CITATIONS
1	Harmonic Resonance Characteristic of Large-Scale PV Plant: Modelling, Analysis, and Engineering Case. IEEE Transactions on Power Delivery, 2022, 37, 2359-2368.	4.3	14
2	A New Push-Pull DC/DC Converter Topology With Complementary Active Clamped. IEEE Transactions on Industrial Electronics, 2022, 69, 6445-6449.	7.9	4
3	Bidirectional Gated Recurrent Unit-Based Lower Upper Bound Estimation Method for Wind Power Interval Prediction. IEEE Transactions on Artificial Intelligence, 2022, 3, 461-469.	4.7	8
4	A new criterion of asymptotic stability for Hopfield neural networks with time-varying delay. Vestnik Irkutskogo Gosudarstvennogo Tehniceskogo Universiteta, 2022, 25, 753-761.	0.2	0
5	Identification of Mode Shapes Based on Ambient Signals and the IA-VMD Method. Applied Sciences (Switzerland), 2021, 11, 530.	2.5	0
6	A Compact-design Oriented Shipboard Power Supply System with Transformer Integrated Filtering Method. IEEE Transactions on Power Electronics, 2021, , 1-1.	7.9	5
7	An LLC-Based Battery Equalizer with Inherent Current Limitation. IEEE Transactions on Power Electronics, 2021, , 1-1.	7.9	5
8	A Control Method for IPMSM Based on Active Disturbance Rejection Control and Model Predictive Control. Mathematics, 2021, 9, 760.	2.2	9
9	A Novel Ultra-Short-Term PV Power Forecasting Method Based on DBN-Based Takagi-Sugeno Fuzzy Model. Energies, 2021, 14, 6447.	3.1	7
10	A Dynamic Analysis of Energy Storage With Renewable and Diesel Generation Using Volterra Equations. IEEE Transactions on Industrial Informatics, 2020, 16, 3451-3459.	11.3	61
11	Machine Learning for Energy Systems. Energies, 2020, 13, 4708.	3.1	8
12	Nonlinear Systems of Volterra Equations with Piecewise Smooth Kernels: Numerical Solution and Application for Power Systems Operation. Mathematics, 2020, 8, 1257.	2.2	13
13	Toward Zero-Emission Hybrid AC/DC Power Systems with Renewable Energy Sources and Storages: A Case Study from Lake Baikal Region. Energies, 2020, 13, 1226.	3.1	31
14	New Stability Analysis Results for Linear System with Two Additive Time-Varying Delay Components. Complexity, 2020, 2020, 1-12.	1.6	0
15	Recurrent Neural Networks Application to Forecasting with Two Cases: Load and Pollution. Advances in Intelligent Systems and Computing, 2020, , 369-378.	0.6	4
16	A Comprehensive Survey of Accurate and Efficient Aggregation Modeling for High Penetration of Large-Scale Wind Farms in Smart Grid. Applied Sciences (Switzerland), 2019, 9, 769.	2.5	9
17	Robust LFC Strategy for Wind Integrated Time-Delay Power System Using EID Compensation. Energies, 2019, 12, 3223.	3.1	9
18	Transient Rotor Angle Stability Prediction Based on Deep Belief Network and Long Short-term Memory Network. IFAC-PapersOnLine, 2019, 52, 176-181.	0.9	6

#	ARTICLE	IF	CITATIONS
19	Air Pollution Forecasting Using a Deep Learning Model Based on 1D Convnets and Bidirectional GRU. IEEE Access, 2019, 7, 76690-76698.	4.2	182
20	Impact of uncertainty and correlation on operation of micro-integrated energy system. International Journal of Electrical Power and Energy Systems, 2019, 112, 262-271.	5.5	31
21	Multi-DFIG aggregated model based SSR analysis considering wind spatial distribution. IET Renewable Power Generation, 2019, 13, 549-554.	3.1	18
22	Wind Speed and Power Ultra Short-Term Robust Forecasting Based on Takagi-Sugeno Fuzzy Model. Energies, 2019, 12, 3551.	3.1	31
23	Energy balancing using charge/discharge storages control and load forecasts in a renewable-energy-based grids. , 2019, , .		13
24	Cooperative Operation of DG Inverters and a RIHAF for Power Quality Improvement in an Integrated Transformer-Structured Grid-Connected Microgrid. IEEE Transactions on Industry Applications, 2019, 55, 1157-1170.	4.9	15
25	Flexible Voltage Control Strategy Considering Distributed Energy Storages for DC Distribution Network. IEEE Transactions on Smart Grid, 2019, 10, 163-172.	9.0	124
26	An Asymmetrical Connection Balance Transformer-Based Hybrid Railway Power Conditioning System With Cost-Function Optimization. IEEE Transactions on Transportation Electrification, 2018, 4, 577-590.	7.8	22
27	A dynamic coordinated control strategy of WTC-ES combined system for short-term frequency support. Renewable Energy, 2018, 119, 1-11.	8.9	30
28	Fault-ride Through Control Strategy of Multi-terminal High Voltage DC Systems. IFAC-PapersOnLine, 2018, 51, 540-545.	0.9	1
29	Active disturbance rejection control based on EID compensation for LFC with communication delays. IFAC Journal of Systems and Control, 2018, 6, 25-32.	1.7	13
30	Equivalent input disturbance-based robust LFC strategy for power system with wind farms. IET Generation, Transmission and Distribution, 2018, 12, 4582-4588.	2.5	17
31	A Controllably Inductive Filtering Method With Transformer-Integrated Linear Reactor for Power Quality Improvement of Shipboard Power System. IEEE Transactions on Power Delivery, 2017, 32, 1817-1827.	4.3	31
32	A control architecture to coordinate DG inverters and a series-ZC-filtered hybrid active filter for power quality improvement in micro-grid. , 2017, , .		0
33	Voltage Stability Analysis and Sliding-Mode Control Method for Rectifier in DC Systems With Constant Power Loads. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2017, 5, 1621-1630.	5.4	47
34	A Virtual Impedance Comprehensive Control Strategy for the Controllably Inductive Power Filtering System. IEEE Transactions on Power Electronics, 2017, 32, 920-926.	7.9	65
35	Takagi-Sugeno fuzzy model-based approach considering multiple weather factors for the photovoltaic power short-term forecasting. IET Renewable Power Generation, 2017, 11, 1281-1287.	3.1	42
36	Novel delay-dependent robust stability criteria of hopfield neural networks with time-varying delay. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
37	A Two-Layer Active Disturbance Rejection Controller Design for Load Frequency Control of Interconnected Power System. IEEE Transactions on Power Systems, 2016, 31, 3320-3321.	6.5	110
38	Design and Implementation of Delay-Dependent Wide-Area Damping Control for Stability Enhancement of Power Systems. Power Systems, 2016, , 179-202.	0.5	3
39	Delay-dependent wide-area damping control for stability enhancement of HVDC/AC interconnected power systems. Control Engineering Practice, 2015, 37, 43-54.	5.5	25
40	Hybrid inductive and active filtering method for damping harmonic resonance in distribution network with non-linear loads. IET Power Electronics, 2015, 8, 1616-1624.	2.1	10
41	Stochastic stability analysis of Markovian jump systems with additive mode-dependent time-varying delays and partially known transition rates. International Journal of Systems Science, 0, , 1-12.	5.5	1