

Cheng-I Chen

List of Publications by Year in descending order

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742
citing authors

#	ARTICLE	IF	CITATIONS
1	Voltage Restoration Control for Microgrid With Recurrent Wavelet Petri Fuzzy Neural Network. IEEE Access, 2022, 10, 12510-12529.	4.2	10
2	Regulated Two-Dimensional Deep Convolutional Neural Network-Based Power Quality Classifier for Microgrid. Energies, 2022, 15, 2532.	3.1	7
3	Voltage Stabilization Control for Microgrid With Asymmetric Membership Function-Based Wavelet Petri Fuzzy Neural Network. IEEE Transactions on Smart Grid, 2021, 12, 3731-3741.	9.0	17
4	Voltage Regulation Using Recurrent Wavelet Fuzzy Neural Network-Based Dynamic Voltage Restorer. Energies, 2020, 13, 6242.	3.1	6
5	Wavelet Energy Fuzzy Neural Network-Based Fault Protection System for Microgrid. Energies, 2020, 13, 1007.	3.1	8
6	Detection of mechanical resonance frequencies for interior permanent magnet synchronous motor servo drives based on wavelet multiresolution filter. Journal of Engineering, 2020, 2020, 827-833.	1.1	2
7	Adaptive Frequency-Based Reference Compensation Current Control Strategy of Shunt Active Power Filter for Unbalanced Nonlinear Loads. Energies, 2019, 12, 3080.	3.1	9
8	Application of Adaptive Model-Based Scheme for Harmonic Diagnosis and Compensation of Grid-Connected Converters. IEEE Transactions on Industrial Electronics, 2018, 65, 770-777.	7.9	6
9	ADALINE-Based Shunt Active Power Filter for Power Quality Modification of Power System. , 2018, , .		3
10	Integrated Power-Quality Monitoring Mechanism for Microgrid. IEEE Transactions on Smart Grid, 2018, 9, 6877-6885.	9.0	19
11	A DC-DC boost converter with high voltage gain for distributed generation. , 2016, , .		8
12	Signal Reconstruction Based on Newton's Forward Divided Difference for SCADA of Wide-Area Intelligent Energy System. , 2016, , .		0
13	The error analysis in GM(1,1) model via fractional power of grey generating. , 2015, , .		0
14	Design of programmable power-quality signal generator for power disturbance testing of consumer electronics. , 2015, , .		0
15	A Neural-Network-Based Data-Driven Nonlinear Model on Time- and Frequency-Domain Voltageâ€“Current Characterization for Power-Quality Study. IEEE Transactions on Power Delivery, 2015, 30, 1577-1584.	4.3	33
16	Intelligent Identification of Voltage Variation Events Based on IEEE Std 1159-2009 for SCADA of Distributed Energy System. IEEE Transactions on Industrial Electronics, 2015, 62, 2604-2611.	7.9	31
17	Design of neural network-based phasor measurement unit for monitoring of power system. , 2014, , .		2
18	Comparative Study of Harmonic and Interharmonic Estimation Methods for Stationary and Time-Varying Signals. IEEE Transactions on Industrial Electronics, 2014, 61, 397-404.	7.9	128

#	ARTICLE	IF	CITATIONS
19	An Accurate Solution Procedure for Calculation of Voltage Flicker Components. IEEE Transactions on Industrial Electronics, 2014, 61, 2370-2377.	7.9	21
20	An Efficient Prony-Based Solution Procedure for Tracking of Power System Voltage Variations. IEEE Transactions on Industrial Electronics, 2013, 60, 2681-2688.	7.9	37
21	Prony-based technique for voltage envelope extraction and estimation of instantaneous flicker level. , 2013, , .		0
22	A Two-Stage Solution Procedure for Digital Power Metering According to IEEE Standard 1459-2010 in Single-Phase System. IEEE Transactions on Industrial Electronics, 2013, 60, 5550-5557.	7.9	16
23	A high-resolution technique for flicker measurement in power quality monitoring. , 2013, , .		5
24	Design of Measurement System Based on Signal Reconstruction for Analysis and Protection of Distributed Generations. IEEE Transactions on Industrial Electronics, 2013, 60, 1652-1658.	7.9	13
25	A Phasor Estimator for Synchronization Between Power Grid and Distributed Generation System. IEEE Transactions on Industrial Electronics, 2013, 60, 3248-3255.	7.9	23
26	A Calibration Test Platform of Power Quality Instruments for Grid Integration of Wind Energy System. IEEE Transactions on Industrial Electronics, 2013, 60, 2874-2880.	7.9	7
27	A Neural-Network-Based Method of Modeling Electric Arc Furnace Load for Power Engineering Study. IEEE Transactions on Power Systems, 2010, 25, 138-146.	6.5	66
28	An Accurate Time-Domain Procedure for Harmonics and Interharmonics Detection. IEEE Transactions on Power Delivery, 2010, 25, 1787-1795.	4.3	77
29	Radial-Basis-Function-Based Neural Network for Harmonic Detection. IEEE Transactions on Industrial Electronics, 2010, 57, 2171-2179.	7.9	157
30	Review and comments on applications of harmonic indices. , 2009, , .		3
31	An efficient Prony's method for time-varying power system harmonic estimation. , 2009, , .		4
32	A Two-Stage ADALINE for Harmonics and Interharmonics Measurement. IEEE Transactions on Industrial Electronics, 2009, 56, 2220-2228.	7.9	127