

Jaeho Choi

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

199
citations

1478505

6
h-index

1588992

8
g-index

35
all docs

35
docs citations

35
times ranked

178
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact Analysis of Wind Farms in the Jeju Island Power System. IEEE Systems Journal, 2012, 6, 134-139.	4.6	41
2	SOC estimation of LiPB batteries using Extended Kalman Filter based on high accuracy electrical model. , 2011, , .		27
3	High-frequency DC link inverter for grid-connected photovoltaic system. , 0, , .		13
4	Seamless Grid Synchronization of a Proportional+Resonant Control-Based Voltage Controller Considering Non-Linear Loads under Islanded Mode. Energies, 2017, 10, 1514.	3.1	13
5	Integrated Photovoltaic Inverters Based on Unified Power Quality Conditioner with Voltage Compensation for Submarine Distribution System. Energies, 2018, 11, 2927.	3.1	11
6	Output Voltage Regulation for Harmonic Compensation under Islanded Mode of Microgrid. Journal of Power Electronics, 2017, 17, 464-475.	1.5	8
7	Analysis and Solution for Operations of Overcurrent Relay in Wind Power System. Energies, 2016, 9, 458.	3.1	7
8	A Study on the Power Generation Prediction Model Considering Environmental Characteristics of Floating Photovoltaic System. Applied Sciences (Switzerland), 2020, 10, 4526.	2.5	7
9	P+ multiple resonant control for output voltage regulation of microgrid with unbalanced and nonlinear loads. , 2014, , .		6
10	Stability enhancement of hybrid diesel generator and photovoltaic generator based on droop control. , 2015, , .		6
11	PR based indirect current control for seamless transfer of grid-connected inverter. , 2016, , .		6
12	PR based output voltage regulation for harmonic compensation under islanded mode of microgrid with magnitude restoration. , 2017, , .		6
13	Phase Shift Modulation and DC-Linkâ€™s Voltage Balancing Control for a DAB DC-DC Converter. , 2018, , .		6
14	PV Source Inverter with Voltage Compensation for Weak Grid Based on UPQC Configuration. , 2018, , .		6
15	Speed sensorless fuzzy MPPT control of grid-connected PMSC for wind power generation. , 2012, , .		4
16	6MVA single-phase APF for high speed train line in Korea. , 2014, , .		4
17	Optimized control strategy for hybrid energy system. , 2015, , .		4
18	Voltage disturbance generator with phase jump for the test of microgrid. , 2010, , .		3

#	ARTICLE	IF	CITATIONS
19	PR control based cascaded current and voltage control for seamless transfer of microgrid. , 2015, , .		3
20	Harmonics compensation for grid-connected inverter caused by local nonlinear load. , 2017, , .		3
21	Indirect Current Control for Seamless Transfer of Utility Interactive Inverter. , 2018, , .		3
22	Switching loss reduction modulation scheme based inverter for electric vehicle. , 2013, , .		2
23	Enhanced operating scheme of ESS for DC transit system. , 2016, , .		2
24	Single-Phase 13-Level Power Conditioning System for Peak Power Reduction of a High-Speed Railway Substation. Energies, 2019, 12, 4405.	3.1	2
25	Comparative study of PI and fuzzy controller for rotor side converter of DFIG. , 2012, , .		1
26	Consideration of Reactor Installation to Mitigate Voltage Rise Caused by the Connection of a Renewable Energy Generator. Energies, 2017, 10, 344.	3.1	1
27	Seamless Mode Transfer Technique for Parallel Grid-Connected Inverters. , 2018, , .		1
28	DVR Control Based on Stationary Reference Frame for Unbalanced Voltage Sag Compensation. , 2018, , .		1
29	Multiloop PR+P Controller of Integrated BESS-DVR for Power Quality Improvement. , 2019, , .		1
30	Control Strategy for Optimizing Energy Management in Microgrid System Using Adaptive Control. , 2019, , .		1
31	Indirect digital control of three-phase DC/AC inverter. , 2010, , .		0
32	PSiM based establishment of driving strategy and dynamic analysis for input split type HEV. , 2012, , .		0
33	Modeling and simulation of hybrid energy system for smart green building. , 2014, , .		0
34	Coordination of over current relay for sudden rise of input energy in renewable power system. , 2015, , .		0
35	Control Algorithm Design and Implementation of Solid State Transformer. , 2019, , .		0