

Seon-Ju Ahn

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8613545/publications.pdf>

Version: 2024-02-01

43
papers

1,124
citations

623574

14
h-index

395590

33
g-index

43
all docs

43
docs citations

43
times ranked

1221
citing authors

#	ARTICLE	IF	CITATIONS
1	Power-Sharing Method of Multiple Distributed Generators Considering Control Modes and Configurations of a Microgrid. IEEE Transactions on Power Delivery, 2010, 25, 2007-2016.	2.9	263
2	Power Scheduling of Distributed Generators for Economic and Stable Operation of a Microgrid. IEEE Transactions on Smart Grid, 2013, 4, 398-405.	6.2	218
3	Operation Schemes of Smart Distribution Networks With Distributed Energy Resources for Loss Reduction and Service Restoration. IEEE Transactions on Smart Grid, 2013, 4, 367-374.	6.2	116
4	Coordinated Control of a DG and Voltage Control Devices Using a Dynamic Programming Algorithm. IEEE Transactions on Power Systems, 2013, 28, 42-51.	4.6	99
5	A Modified Sag Characterization Using Voltage Tolerance Curve for Power Quality Diagnosis. IEEE Transactions on Power Delivery, 2005, 20, 2638-2643.	2.9	37
6	Simulation and Analysis of Existing MPPT Control Methods in a PV Generation System. Journal of International Council on Electrical Engineering, 2011, 1, 446-451.	0.4	36
7	Optimal Scheduling and Real-Time Control Schemes of Battery Energy Storage System for Microgrids Considering Contract Demand and Forecast Uncertainty. Energies, 2018, 11, 1371.	1.6	32
8	Development of a network-based power quality diagnosis system. Electric Power Systems Research, 2007, 77, 1086-1094.	2.1	27
9	Voltage Control Scheme with Distributed Generation and Grid Connected Converter in a DC Microgrid. Energies, 2014, 7, 6477-6491.	1.6	27
10	Power Sharing Method for a Grid connected Microgrid with Multiple Distributed Generators. Journal of Electrical Engineering and Technology, 2012, 7, 459-467.	1.2	27
11	Single line-to-ground fault location based on unsynchronized phasors in automated ungrounded distribution systems. Electric Power Systems Research, 2012, 86, 151-157.	2.1	23
12	Real-Time Wavelet-Based Coordinated Control of Hybrid Energy Storage Systems for Denoising and Flattening Wind Power Output. Energies, 2014, 7, 6620-6644.	1.6	20
13	DC Microgrid Operational Method for Enhanced Service Reliability Using DC Bus Signaling. Journal of Electrical Engineering and Technology, 2015, 10, 452-464.	1.2	18
14	Power Sharing and Frequency Control of an Autonomous Microgrid Considering the Dynamic Characteristics of Distributed Generations. Journal of International Council on Electrical Engineering, 2012, 2, 39-44.	0.4	14
15	Three-Phase Steady-State Models for a Distributed Generator Interfaced via a Current-Controlled Voltage-Source Converter. IEEE Transactions on Smart Grid, 2016, 7, 1694-1702.	6.2	13
16	Fundamental Frequency Estimation in Power Systems Using Complex Prony Analysis. Journal of Electrical Engineering and Technology, 2011, 6, 154-160.	1.2	13
17	Adaptive Protection Method of Distribution Networks Using the Sensitivity Analysis for Changed Network Topologies Based on Base Network Topology. IEEE Access, 2020, 8, 148169-148180.	2.6	12
18	Evaluation of the Effects of Nationwide Conservation Voltage Reduction on Peak-Load Shaving Using SOMAS Data. Energies, 2013, 6, 6322-6334.	1.6	10

#	ARTICLE	IF	CITATIONS
19	Voltage and Reactive Power Optimization Using a Simplified Linear Equations at Distribution Networks with DG. <i>Energies</i> , 2020, 13, 3334.	1.6	10
20	Optimal SoC Balancing Control for Lithium-Ion Battery Cells Connected in Series. <i>Energies</i> , 2021, 14, 2875.	1.6	10
21	A New Approach to Determine the Direction and Cause of Voltage Sag. <i>Journal of Electrical Engineering and Technology</i> , 2008, 3, 300-307.	1.2	10
22	EMS-Data-Based Load Modeling to Evaluate the Effect of Conservation Voltage Reduction at a National Level. <i>Energies</i> , 2013, 6, 3692-3705.	1.6	9
23	Synchronization of Low-Frequency Oscillation in Power Systems. <i>Energies</i> , 2017, 10, 558.	1.6	8
24	Formulation and Analysis of an Approximate Expression for Voltage Sensitivity in Radial DC Distribution Systems. <i>Energies</i> , 2015, 8, 9296-9319.	1.6	7
25	Fault Location Method Using Phasor Measurement Units and Short Circuit Analysis for Power Distribution Networks. <i>Energies</i> , 2020, 13, 1294.	1.6	7
26	Analysis of Low Frequency Oscillation Using the Multi-Interval Parameter Estimation Method on a Rolling Blackout in the KEPCO System. <i>Energies</i> , 2017, 10, 484.	1.6	6
27	Estimation of Conservation Voltage Reduction Factors Using Measurement Data of KEPCO System. <i>Energies</i> , 2017, 10, 2148.	1.6	6
28	Voltage Estimation Method for Power Distribution Networks Using High-Precision Measurements. <i>Energies</i> , 2020, 13, 2385.	1.6	6
29	On Stability of Perturbed Nonlinear Switched Systems with Adaptive Reinforcement Learning. <i>Energies</i> , 2020, 13, 5069.	1.6	5
30	The Coordinate Control Method of LTC Transformer and Capacitor Banks at Distribution Substation. <i>Journal of Electrical Engineering and Technology</i> , 2012, 7, 320-329.	1.2	5
31	Short-Term Cooperative Operational Scheme of Distribution System with High Hosting Capacity of Renewable-Energy-Based Distributed Generations. <i>Energies</i> , 2021, 14, 6340.	1.6	5
32	A Vector-Controlled Distributed Generator Model for a Power Flow Based on a Three-Phase Current Injection Method. <i>Energies</i> , 2013, 6, 4269-4287.	1.6	4
33	Heuristic Coordinated Voltage Control Schemes in Distribution Network with Distributed Generations. <i>Energies</i> , 2020, 13, 2849.	1.6	4
34	Development of Power Quality Management System with Power Quality Diagnosis Functions. <i>Journal of Electrical Engineering and Technology</i> , 2006, 1, 28-34.	1.2	4
35	Detection of Open Conductor Fault Using Multiple Measurement Factors of Feeder RTUs in Power Distribution Networks With DGs. <i>IEEE Access</i> , 2021, 9, 143564-143579.	2.6	4
36	Development and test of conservation voltage reduction application for Korean Smart Distribution Management System. , 2015, . , .		3

#	ARTICLE	IF	CITATIONS
37	A Conservation Voltage Reduction Scheme for a Distribution Systems with Intermittent Distributed Generators. <i>Energies</i> , 2016, 9, 666.	1.6	3
38	A New Power Sharing Scheme of Multiple Microgrids and an Iterative Pairing-Based Scheduling Method. <i>Energies</i> , 2020, 13, 1605.	1.6	2
39	Efficient Day-Ahead Scheduling Voltage Control Scheme of ULTC and Var of Distributed Generation in Distribution System. <i>IEEE Access</i> , 2021, 9, 157222-157235.	2.6	1
40	Development of simulation platform of distribution systems with DGs and SVR for voltage control studies. , 2013, , .		0
41	Development and Verification of Campus Microgrid Energy Management System. , 2019, , .		0
42	Real Time Simulation of Distribution System with Distributed Energy Resources. <i>Journal of Clean Energy Technologies</i> , 2015, 3, 57-61.	0.1	0
43	MILP-Based Service Restoration Method Utilizing Both Existing Infrastructure and DERs in Active Distribution Networks. <i>IEEE Access</i> , 2022, 10, 36477-36489.	2.6	0