

Hyo-Sung Kim

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

275
citations

1684188

5
h-index

1372567

10
g-index

14
all docs

14
docs citations

14
times ranked

253
citing authors

#	ARTICLE	IF	CITATIONS
1	Indirect Current Control Algorithm for Utility Interactive Inverters in Distributed Generation Systems. IEEE Transactions on Power Electronics, 2008, 23, 1342-1347.	7.9	163
2	Optimal design of LCL filter in grid-connected inverters. IET Power Electronics, 2019, 12, 1774-1782.	2.1	28
3	Arc Voltage and Current Characteristics in Low-Voltage Direct Current. Energies, 2018, 11, 2511.	3.1	18
4	Analysis on output LC filters for PWM inverters. , 2009, , .		15
5	Modeling for Series Arc of DC Circuit Breaker. IEEE Transactions on Industry Applications, 2019, 55, 1202-1207.	4.9	14
6	300V DC feed system for Internet data center. , 2011, , .		13
7	Development of DC Circuit Breaker using Magnet Arc Extinguisher. The Transactions of the Korean Institute of Power Electronics, 2012, 17, 21-26.	0.1	10
8	Novel DC Circuit Breaker Using Magnet-Extinguisher and Free-Wheel Diode. Journal of Electrical Engineering and Technology, 2019, 14, 497-503.	2.0	5
9	Capacitor Commutation Method for MVDC Hybrid Circuit Breakers. Designs, 2021, 5, 28.	2.4	3
10	Gate Drive Controller for Low Voltage DC Hybrid Circuit Breaker. Energies, 2021, 14, 1753.	3.1	2
11	Aging Characteristics of Contact Electrodes of Low Voltage DC Switches. Energies, 2021, 14, 6838.	3.1	2
12	Extinguishment distance estimation method of DC breaking arc occurring under Low Voltage DC conditions. , 2019, , .		1
13	Modeling and Estimation of Break Arc Extinction Distance in Low Voltage DC Systems. Energies, 2021, 14, 6646.	3.1	1
14	Arc Safe Operation Area of Low Voltage DC System. , 2021, , .		0