

Hyo-Sung Kim

List of Publications by Year in descending order

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Version: 2024-02-01

14
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1684188

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14
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14
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14
times ranked

253
citing authors

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