

Konstantinos Papastergiou

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

263
citations

1937685

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1872680

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g-index

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all docs

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docs citations

15
times ranked

244
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy flow control in a modular DC-DC converter with energy recovery. , 2021, , .		4
2	On dimensioning the fundamental brick for a scalable DC-DC converter with energy recovery. , 2021, , .		3
3	IGBT Power Stack Integrity Assessment Method for High-Power Magnet Supplies. IEEE Transactions on Power Electronics, 2019, 34, 11228-11240.	7.9	3
4	On V_{ce} Method: <i>In Situ</i> Temperature Estimation and Aging Detection of High-Current IGBT Modules Used in Magnet Power Supplies for Particle Accelerators. IEEE Transactions on Industrial Electronics, 2019, 66, 551-560.	7.9	25
5	Figures of merit for the evaluation of regenerative power converters. , 2016, , .		4
6	Control strategies for 2-quadrant converter used in grid power flow control. , 2015, , .		1
7	Power converter topologies with energy recovery and grid power limitation for inductive load applications. , 2015, , .		4
8	Heat sink design considerations in medium power electronic applications with long power cycles. , 2015, , .		4
9	DC-breaker for a multi-megawatt Battery Energy Storage System. , 2014, , .		17
10	Design of a Modular Multilevel Converter as an Active Front-End for a magnet supply application. , 2014, , .		3
11	Financial analysis of utility scale photovoltaic plants with battery energy storage. Energy Policy, 2013, 63, 139-146.	8.8	27
12	Dynamic energy storage for smart grids. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2011, 31, 279-293.	0.9	1
13	An Airborne Radar Power Supply With Contactless Transfer of Energyâ€™Part I: Rotating Transformer. IEEE Transactions on Industrial Electronics, 2007, 54, 2874-2884.	7.9	117
14	An Airborne Radar Power Supply With Contactless Transfer of Energyâ€™Part II: Converter Design. IEEE Transactions on Industrial Electronics, 2007, 54, 2885-2893.	7.9	49
15	Evaluating the Effects of High Penetrations of Roof-Top Wind Turbines on Secondary Distribution Circuits. , 2006, , .		1