

Qing Gu

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

168
citations

2258059

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2550090

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all docs

13
docs citations

13
times ranked

187
citing authors

#	ARTICLE	IF	CITATIONS
1	Current Stress Minimization of Dual-Active-Bridge DC-DC Converter Within the Whole Operating Range. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2019, 7, 129-142.	5.4	86
2	Design-Oriented Comprehensive Time-Domain Model for CLLC Class Isolated Bidirectional DC-DC Converter for Various Operation Modes. IEEE Transactions on Power Electronics, 2020, 35, 3491-3505.	7.9	34
3	Startup Strategy With Constant Peak Transformer Current for Solid-State Transformer in Distribution Network. IEEE Transactions on Industry Applications, 2019, 55, 1740-1751.	4.9	11
4	Active Selection of Current Commutation Loop for Hybrid Three-Level Dual Active Bridge DC-DC Converter with TPS Control. , 2019, , .		10
5	An accurate stray loss calculation method of squirrel-cage induction motors for efficiency optimization. , 2015, , .		8
6	Design analysis of direct-driven PMSG in wind turbine application. , 2016, , .		5
7	Experimental research on stray inductance extraction of planar bus bars based on HVIGBT dynamic characteristics. , 2014, , .		4
8	Startup strategy with constant peak transformer current for hybrid multilevel energy router. , 2017, , .		4
9	Finite-state-machine model of boundary control for dual-active-bridge converter. , 2017, , .		3
10	Current Stress Optimization and Efficiency Increase of DAB with Triple-Phase-Shift Control Based on 2-Dimensional Ergodicity Method. , 2018, , .		2
11	Power losses of Si/SiC semiconductors in medium voltage energy router sub-modules with hybrid topology. , 2017, , .		1
12	Iron loss evaluation and comparison in application of reduced common mode voltage PWM methods. , 2015, , .		0
13	Application research of passive-network-based high power factor rectifier in variable frequency avionics system. , 2016, , .		0