

# Qichen Yang

## List of Publications by Year in descending order

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15  
papers

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1937685

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docs citations

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times ranked

361  
citing authors

#	ARTICLE	IF	CITATIONS
1	Capacitor Voltage Ripple Suppression of the Switched Capacitor Modular Multilevel Converter. , 2021, , .		1
2	Designing the Insulation System for Motors in Electrified Aircraft: Optimization, Partial Discharge Issues and Use of Advanced Materials. Materials, 2021, 14, 7555.	2.9	12
3	An AC-AC Modular Multilevel Converter-Based Partially Rated Solid-State Transformer. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2019, 7, 2271-2280.	5.4	4
4	Analysis of the Modular Multilevel Converter under Single Open-Circuit Fault in the Upper Active Switch of a Submodule. , 2019, , .		5
5	Sliding Mode Control of the Modular Multilevel Converter. IEEE Transactions on Industrial Electronics, 2019, 66, 887-897.	7.9	64
6	Sliding mode control of the modular multilevel converter. , 2018, , .		2
7	Hybrid Modular Multilevel Converter Configurations for Low-Frequency Operation. , 2018, , .		1
8	An AC-AC Modular Multilevel Converter-Based Partially-Rated Solid-State Transformer for Power Flow Control. , 2018, , .		0
9	A post-fault strategy to control the AC-AC modular multilevel converter under input-side line-to-ground fault. , 2017, , .		0
10	Active thermal loading control of the modular multilevel converter by a multi-objective optimization method. , 2017, , .		8
11	Analysis of thermal cycling stress on semiconductor devices of the Modular Multilevel Converter for drive applications. , 2016, , .		8
12	Control of the AC-AC modular multilevel converter under submodule failure. , 2016, , .		1
13	Analysis, Detection, and Location of Open-Switch Submodule Failures in a Modular Multilevel Converter. IEEE Transactions on Power Delivery, 2016, 31, 155-164.	4.3	111
14	A Postfault Strategy to Control the Modular Multilevel Converter Under Submodule Failure. IEEE Transactions on Power Delivery, 2016, 31, 2453-2463.	4.3	48
15	SubModule failure detection methods for the modular multilevel converter. , 2015, , .		3