

Guihua Mao

List of Publications by Year in descending order

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8
papers

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1684188

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times ranked

122
citing authors

#	ARTICLE	IF	CITATIONS
1	Transient Performance Improvement of Digital Average Current Controlled Multiphase Interleaved Buck Converter. , 2022, , .		1
2	Small-Signal Modeling and Cross-Regulation Suppressing for Current-Mode Controlled Single-Inductor Dual-Output DC-DC Converters. IEEE Transactions on Industrial Electronics, 2021, 68, 5744-5755.	7.9	18
3	Digital Average-Ripple-Based Control Techniques for Switching Converters With Fast Transient Performance. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 89-101.	5.4	7
4	A Global Maximum Power Point Tracking Algorithm for Photovoltaic Systems Under Partially Shaded Conditions Using Modified Maximum Power Trapezium Method. IEEE Transactions on Industrial Electronics, 2021, 68, 370-380.	7.9	43
5	Improved Digital Average Voltage Control for Switching Converter With Capacitor Current Compensation. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 3197-3201.	3.0	2
6	Digital Valley $V^{2\prime}$ Control for Boost Converter With Fast Load-Transient Performance. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 2089-2093.	3.0	11
7	Unified discrete-time modelling and dynamical behaviour analysis of current mode controlled tri-state dc-dc converters. IET Power Electronics, 2019, 12, 51-60.	2.1	2
8	Digital Average Voltage/Digital Average Current Predictive Control for Switching DC-DC Converters. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2018, 6, 1819-1830.	5.4	19