Chan Chok You

List of Publications by Year
in descending order

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19	533	686830	839053
papers	citations	13	18
		h-index	g-index

19	19	19	447
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Nonlinear Control for DCâ€“DC Power Converters. IEEE Transactions on Power Electronics, 2007, 22, 216-222.	5.4	101
2	Design of Fixed-Frequency Pulsewidth-Modulation-Based Sliding-Mode Controllers for the Quadratic Boost Converter. IEEE Transactions on Circuits and Systems II: Express Briefs, 2017, 64, 51-55.	2.2	56
3	An Improved PWM-Based Sliding-Mode Controller for a DCâ€“DC Cascade Boost Converter. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 1639-1643.	2.2	52
4	Adaptive Current-Mode Control of a High Step-Up DCâ€“DC Converter. IEEE Transactions on Power Electronics, 2017, 32, 7297-7305.	5.4	49
5	Investigation of currentâ€mode controlled cascade boost converter systems: dynamics and stability issues. IET Power Electronics, 2016, 9, 911-920.	1.5	37
6	Investigation of a Voltage-Mode Controller for a dc-dc Multilevel Boost Converter. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 908-912.	2.2	33
7	An Adaptive Dual-Loop Lyapunov-Based Control Scheme for a Single-Phase UPS Inverter. IEEE Transactions on Power Electronics, 2020, 35, 8886-8891.	5.4	32
8	A Modified Hysteresis-Modulation-Based Sliding Mode Control for Improved Performance in Hybrid DCâ€“DC Boost Converter. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 1683-1687.	2.2	27
9	A Normalized Output Error-Based Sliding-Mode Controller for the DCâ€“DC Cascade Boost Converter. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 92-96.	2.2	24
10	Comparative study of currentâ€mode controllers for the positive output elementary Luo converter via stateâ€space and frequency response approaches. IET Power Electronics, 2015, 8, 1137-1145.	1.5	23
11	Improved output feedback controller design for the superâ€lift reâ€lift Luo converter. IET Power Electronics, 2017, 10, 1147-1155.	1.5	20
12	Adaptive Sliding-Mode Control of a Novel Buck-Boost Converter Based on Zeta Converter. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1307-1311.	2.2	17
13	A Simplified Output Feedback Controller for the DC-DC Boost Power Converter. Electronics (Switzerland), 2021, 10, 493.	1.8	17
14	Design and implementation of an output feedback controller for the Cuk converter. , 2015, , .		14
15	Analysis and passivity-based control of zero-voltage-transition PWM converters. IEEE Transactions on Power Electronics, 2002, 17, 633-640.	5.4	11
16	Modified voltageâ€mode controller for the quadratic boost converter with improved output performance. IET Power Electronics, 2018, 11, 2222-2231.	1.5	11
17	A Modified Fixed Current-Mode Controller for Improved Performance in Quadratic Boost Converters. IEEE Transactions on Circuits and Systems II: Express Briefs, 2020, 67, 2014-2018.	2.2	5
18	Power Factor Correction Based on Adaptive Modified Current-Mode Control Approach. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1462-1466.	2.2	3

#	Article	IF	Citations
19	An Improved Voltage-Mode Controller for the Quadratic Boost Converter. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 454-458.	2.2	1