

# Shabari Nath

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/723876/publications.pdf>

Version: 2024-02-01

25  
papers

147  
citations

1684188

5  
h-index

1588992

8  
g-index

25  
all docs

25  
docs citations

25  
times ranked

57  
citing authors

#	ARTICLE	IF	CITATIONS
1	Minimizing Ripples of Inductor Currents in Coupled SIDO Boost Converter by Shift of Gate Pulses. IEEE Transactions on Power Electronics, 2020, 35, 1217-1226.	7.9	23
2	Comparing Performances of SIDO Buck Converters. , 2018, , .		21
3	Decoupled Average Current Control of Coupled Inductor Single-Input Dual-Output Buck Converter. IEEE Journal of Emerging and Selected Topics in Industrial Electronics, 2020, 1, 152-161.	3.9	20
4	Decoupled Voltage Mode Control of Coupled Inductor Single-Input Dual-Output Buck Converter. IEEE Transactions on Industry Applications, 2020, , 1-1.	4.9	16
5	Voltage Mode Control of Magnetically Coupled SIDO Buck Converter. , 2018, , .		9
6	Maximizing Ripple Cancellation in Input Current for SIDO Boost Converter by Design of Coupled Inductors. IEEE Journal of Emerging and Selected Topics in Industrial Electronics, 2021, 2, 409-419.	3.9	9
7	Replacing silicon IGBTs with SiC IGBTs in medium voltage wind energy conversion systems. , 2016, , .		8
8	Unaffected Dynamic Performance of Coupled SIDO Converters Due to Phase Shift. , 2019, , .		6
9	Effect of Mutual Coupling on CCM/DCM Boundary in Single Input Dual Output Boost Converter. , 2018, , .		5
10	Unified Model of Peak Current Mode Controlled Coupled SIDO Converters. IEEE Transactions on Industrial Electronics, 2022, 69, 11156-11164.	7.9	5
11	A simplified charge balancing algorithm for modular multilevel converter. , 2017, , .		3
12	Small Signal Model for Current Mode Control of Coupled Inductor SIDO Buck Converter. , 2019, , .		3
13	Effect of Coupling on Discontinuous Conduction Mode of Coupled Inductor SIDO Boost Converter. IEEE Transactions on Power Electronics, 2022, 37, 4991-5002.	7.9	3
14	Achieving Approximately Zero Ripples in Input Current of Coupled SIDO Boost Converter. IEEE Transactions on Industry Applications, 2022, 58, 3819-3829.	4.9	3
15	Unifying Inductor Current Ripples and Inductor Design in Coupled SIDO Converters by Forming Sectors of Duty Ratios. IEEE Transactions on Industry Applications, 2022, 58, 3830-3839.	4.9	3
16	Battery Charging of Smart Phones using Organic Solar Cells. , 2018, , .		2
17	Input Current Ripple Minimization in Coupled SIDO Boost Converter by Shift of Gate Pulses. , 2021, , .		2
18	Small Signal Model for Peak Current Controlled Coupled SIDO Buck Converters. , 2021, , .		2

#	ARTICLE	IF	CITATIONS
19	Input Voltage Feedforward and Feedback Control of Coupled Inductor SIDO Buck Converter. , 2020, , .		2
20	Inductor Current Ripples Minimization in Coupled Inductor Single Input Triple Output Boost Converter by Gate Pulse Shifting. , 2020, , .		1
21	Instability in Peak Current Mode Controlled Coupled SIDO Buck Converter. , 2020, , .		1
22	Effect of Shifting Gate Pulse on Average Currents in Coupled SIDO Boost Converter. , 2020, , .		0
23	Effect of Shifting Gate Pulse on Output Voltage Ripple in Coupled SIDO Boost Converter. , 2020, , .		0
24	Numerous Patterns of Inductor Currents in DCM of Coupled SIDO Boost Converter. , 2021, , .		0
25	Effect of Coupling on Input-Output Voltage relations in DCM of SIDO Boost Converters. , 2021, , .		0