

# Niraj Rana

## List of Publications by Year in descending order

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10  
papers

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citations

1684188

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1720034

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docs citations

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times ranked

177  
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance Investigation of Closed-Loop Dual Phase Interleaved Buck-Boost Converter With Dragonfly Optimized Type-III Controller. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 1472-1476.	3.0	2
2	Modeling, Analysis and Implementation of an Improved Interleaved Buck-Boost Converter. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 2588-2592.	3.0	14
3	Closed-loop control and performance analysis of a high-gain buck-boost converter with optimized Type III controller. International Transactions on Electrical Energy Systems, 2020, 30, e12158.	1.9	2
4	Development of an Improved Input-Parallel Output-Series Buck-Boost Converter and Its Closed-Loop Control. IEEE Transactions on Industrial Electronics, 2020, 67, 6428-6438.	7.9	41
5	An Improved Buck-Boost Converter Suitable for PV Application. , 2020, , .		3
6	Interleaved Tri-state Buck-Boost Converter with Fast Transient Response and Lower Ripple. , 2019, , .		4
7	A Novel Interleaved Tri-State Boost Converter With Lower Ripple and Improved Dynamic Response. IEEE Transactions on Industrial Electronics, 2018, 65, 5456-5465.	7.9	47
8	Development of an Improved Tristate Buck-Boost Converter With Optimized Type-3 Controller. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2018, 6, 400-415.	5.4	22
9	An Improved Interleaved Boost Converter With PSO-Based Optimal Type-III Controller. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2017, 5, 323-337.	5.4	78
10	Design and fabrication of closed loop Two-Phase Interleaved Boost Converter with Type-III controller. , 2016, , .		21