

# Kobaku Tarakanath

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4344975/publications.pdf>

Version: 2024-02-01

7  
papers

158  
citations

1937685

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1872680

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7  
docs citations

7  
times ranked

131  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Evaluation of Internal Model Control Scheme on a DC-DC Boost Converter Exhibiting Nonminimum Phase Behavior. IEEE Transactions on Power Electronics, 2017, 32, 8880-8891.	7.9	88
2	Quantitative Feedback Design-Based Robust PID Control of Voltage Mode Controlled DC-DC Boost Converter. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 286-290.	3.0	38
3	Experimental Verification of Robust PID Controller Under Feedforward Framework for a Nonminimum Phase DC-DC Boost Converter. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 3373-3383.	5.4	20
4	Design of Robust PID Controller Using PSO-Based Automated QFT for Nonminimum Phase Boost Converter. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 4854-4858.	3.0	7
5	Improved Set-Point Tracking and Disturbance Rejection of DC-DC Converters Using Voltage-Mode Digital Control. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 3276-3286.	5.4	2
6	Quantitative synthesis to tracking error problem based on nominal sensitivity formulation. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, , 1-1.	3.0	2
7	Design and experimental validation of robust PID control for a power converter in a DC microgrid application. , 2022, , 89-114.		1