

# Bapayya Naidu Kommula

## List of Publications by Year in descending order

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14  
papers

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1478505

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	An integrated converter topology for torque ripple minimization in BLDC motor using an ITSA technique. Journal of Ambient Intelligence and Humanized Computing, 2022, 13, 2289-2308.	4.9	8
2	An efficient integration and control approach to increase the conversion efficiency of high-current low-voltage DC/DC converter. Energy Systems, 2022, 13, 939-958.	3.0	16
3	Design of MFA-PSO based fractional order PID controller for effective torque controlled BLDC motor. Sustainable Energy Technologies and Assessments, 2022, 49, 101644.	2.7	8
4	An Effective Sustainable Control of Brushless DC Motor using Firefly Algorithm " Artificial Neural Network based FOPID Controller. Sustainable Energy Technologies and Assessments, 2022, 52, 102097.	2.7	7
5	A Comparative Analysis of Zeta and Bridgeless LLO PFC Converters FedblDC Motors with PI-Controller. , 2022, , .		0
6	Efficient energy management of hybrid renewable energy sources based smart grid system using a hybrid IDEACFA technique. International Transactions on Electrical Energy Systems, 2021, 31, e12833.	1.9	3
7	Maximum Power Point Tracking for Photovoltaic Brushless DC Motor Connected Water Pumping System Based on GBDT-BOA Technique. , 2021, , .		0
8	Direct instantaneous torque control of Brushless DC motor using firefly Algorithm based fractional order PID controller. Journal of King Saud University, Engineering Sciences, 2020, 32, 133-140.	2.0	44
9	A novel single input double output (SIDO) converter for torque ripple minimization in solar powered BLDC motor. International Journal of Renewable Energy Development, 2019, 8, 161-168.	2.4	6
10	A novel scheme for torque ripple minimization of BLDC motor used in solar air conditioner. Electrical Engineering, 2018, 100, 2473-2483.	2.0	9
11	PFC based SEPIC converter fed BLDC motor with torque ripple minimization approach. , 2017, , .		8
12	A novel torque ripple minimization scheme for solar powered BLDC motor. , 2017, , .		9
13	Mathematical modeling and fuzzy logic control of a brushless DC motor employed in automobile and industrial applications. , 2016, , .		10
14	Performance evaluation of Hybrid Fuzzy PI speed controller for Brushless DC motor for Electric vehicle application. , 2015, , .		22