

Ravindranath Tagore Yadlapalli

List of Publications by Year in descending order

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24
papers

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24
all docs

24
docs citations

24
times ranked

62
citing authors

#	ARTICLE	IF	CITATIONS
1	Super capacitors for energy storage: Progress, applications and challenges. Journal of Energy Storage, 2022, 49, 104194.	8.1	82
2	A review on energy efficient technologies for electric vehicle applications. Journal of Energy Storage, 2022, 50, 104212.	8.1	41
3	Advancements in energy efficient GaN power devices and power modules for electric vehicle applications: a review. International Journal of Energy Research, 2021, 45, 12638-12664.	4.5	32
4	An overview of energy efficient solid state LED driver topologies. International Journal of Energy Research, 2020, 44, 612-630.	4.5	15
5	Efficiency analysis of maximum power point tracking techniques for photovoltaic systems under variable conditions. International Journal of Innovative Computing and Applications, 2018, 9, 230.	0.2	13
6	Modelling, simulation and control of a fuel cell-powered laptop computer voltage regulator module. International Journal of Hydrogen Energy, 2019, 44, 11012-11019.	7.1	10
7	A fast-response sliding-mode controller for quadratic buck converter. International Journal of Power Electronics, 2014, 6, 103.	0.2	9
8	An efficient sliding-mode current controller with reduced flickering for quadratic buck converter used as LED lamp driver. International Journal of Power Electronics, 2014, 6, 345.	0.2	6
9	Efficiency analysis of Quadratic buck converter for LED lamp driver applications. , 2017, , .		6
10	Dynamic analysis of solar powered two-stage dc-dc converter with MPPT and voltage regulation. International Journal of Dynamics and Control, 2022, 10, 1745-1759.	2.5	5
11	Advancements in power conditioning units for electric vehicle applications: a review. International Journal of Electric and Hybrid Vehicles, 2021, 13, 81.	0.3	4
12	Dynamic performance comparison of Quadratic buck converter with analog and Digital average current-mode controllers. , 2017, , .		2
13	Modelling, design and implementation of quadratic buck converter for low power applications. International Journal of Power Electronics, 2020, 11, 322.	0.2	2
14	Efficiency analysis of maximum power point tracking techniques for photovoltaic systems under variable conditions. International Journal of Innovative Computing and Applications, 2018, 9, 230.	0.2	2
15	Development of fuzzy logic controller for improved interline unified power quality conditioner. International Journal of Innovative Computing and Applications, 2019, 10, 86.	0.2	1
16	Implementation of fuzzy logic controller-based quadratic buck converter for LED lamp driver applications. International Journal of Innovative Computing and Applications, 2020, 11, 159.	0.2	1
17	Analysis, design and implementation of a fixed frequency PWM-based sliding-mode controller for quadratic buck converter. International Journal of Power Electronics, 2021, 13, 66.	0.2	1
18	Modeling and Control of Hybrid Power Sourced High Gain DC-DC Converter. Journal of Engineering Science and Technology Review, 2021, 14, 119-127.	0.4	1

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19	Advancements in power conditioning units for electric vehicle applications: a review. International Journal of Electric and Hybrid Vehicles, 2021, 13, 81.	0.3	1
20	Analysis, design and implementation of a fixed frequency PWM-based sliding-mode controller for quadratic buck converter. International Journal of Power Electronics, 2021, 13, 66.	0.2	0
21	Development of fuzzy logic controller for improved interline unified power quality conditioner. International Journal of Innovative Computing and Applications, 2019, 10, 86.	0.2	0
22	Modelling, design and implementation of quadratic buck converter for low power applications. International Journal of Power Electronics, 2020, 11, 322.	0.2	0
23	Implementation of fuzzy logic controller-based quadratic buck converter for LED lamp driver applications. International Journal of Innovative Computing and Applications, 2020, 11, 159.	0.2	0
24	Fuzzy logic control based high step up converter for electric vehicle applications. International Journal of Innovative Computing and Applications, 2022, 13, 41.	0.2	0