

Vashist Bist

List of Publications by Year in descending order

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488
citing authors

#	ARTICLE	IF	CITATIONS
1	BLDC Motor Drive Based on Bridgeless Landsman PFC Converter With Single Sensor and Reduced Stress on Power Devices. IEEE Transactions on Industry Applications, 2018, 54, 625-635.	4.9	35
2	Unity Power Factor Operated PFC Converter Based Power Supply for Computers. Journal of the Institution of Engineers (India): Series B, 2018, 99, 49-60.	1.9	5
3	Power factor correction (PFC) converters feeding brushless DC motor drive. International Journal of Engineering, Science and Technology, 2016, 7, 65-75.	0.6	9
4	PFC converter based power quality improvement and ripple current minimization in BLDC motor drive. , 2016, , .		1
5	Improved Power Quality Switched-Mode Power Supply Using Buck-Boost Converter. IEEE Transactions on Industry Applications, 2016, 52, 5194-5202.	4.9	17
6	Power corrected bridgeless converter based switched mode power supply factor. IET Power Electronics, 2016, 9, 1684-1693.	2.1	3
7	A Power Quality Improved Bridgeless Converter-Based Computer Power Supply. IEEE Transactions on Industry Applications, 2016, 52, 4385-4394.	4.9	31
8	Brushless DC motor drive with power factor regulation using Landsman converter. IET Power Electronics, 2016, 9, 900-910.	2.1	11
9	A PFC modified-Landsman converter based PWM-Dimmable RGB HB-LED driver for large area projection applications. , 2015, , .		3
10	Landsman based PFC with PWM dimming for high brightness LED driver. , 2015, , .		8
11	A single sensor based bridgeless landsman PFC converter fed BLDC motor drive. , 2015, , .		6
12	A Unity Power Factor Bridgeless Isolated Cuk Converter-Fed Brushless DC Motor Drive. IEEE Transactions on Industrial Electronics, 2015, 62, 4118-4129.	7.9	86
13	An Improved Power Quality Based Sheppard-Taylor Converter Fed BLDC Motor Drive. Journal of the Institution of Engineers (India): Series B, 2015, 96, 327-337.	1.9	6
14	Power factor correction in switched mode power supply for computers using canonical switching cell converter. IET Power Electronics, 2015, 8, 234-244.	2.1	21
15	Power quality improvements in a zeta converter for brushless DC motor drives. IET Science, Measurement and Technology, 2015, 9, 351-361.	1.6	41
16	Power Factor Corrected Zeta Converter Based Improved Power Quality Switched Mode Power Supply. IEEE Transactions on Industrial Electronics, 2015, 62, 5422-5433.	7.9	68
17	An adjustable speed PFC bridgeless-SEPIC fed brushless DC motor drive. , 2015, , .		19
18	Reduced sensor configuration of a power factor correction based single-ended primary inductance converter fed brushless DC motor drive. IET Power Electronics, 2015, 8, 1606-1615.	2.1	21

#	ARTICLE	IF	CITATIONS
19	PFC Cuk Converter-Fed BLDC Motor Drive. IEEE Transactions on Power Electronics, 2015, 30, 871-887.	7.9	112
20	Improved-Power-Quality Bridgeless-Converter-Based Multiple-Output SMPS. IEEE Transactions on Industry Applications, 2015, 51, 721-732.	4.9	13
21	Power quality improvements in power factor correction Luo converter fed brushless direct current motor drive. International Transactions on Electrical Energy Systems, 2015, 25, 898-919.	1.9	13
22	Power Factor Correction in Bridgeless-Luo Converter-Fed BLDC Motor Drive. IEEE Transactions on Industry Applications, 2015, 51, 1179-1188.	4.9	73
23	A BL-CSC Converter-Fed BLDC Motor Drive With Power Factor Correction. IEEE Transactions on Industrial Electronics, 2015, 62, 172-183.	7.9	60
24	Power factor correction in brushless DC motor drive using a boost-forward SSIPP. , 2014, , .		3
25	A PFC based bridgeless Sheppard-Taylor converter fed brushless DC motor drive. , 2014, , .		8
26	Improved power quality switched mode power supply using buck-boost converter. , 2014, , .		3
27	Power factor correction in a brushless DC motor drive using an isolated-Luo converter. , 2014, , .		2
28	Power factor correction in sensorless BLDC motor drive. , 2014, , .		8
29	A PFC Based BLDCM Drive for Low Power Household Appliances. EPE Journal (European Power) Tj ETQq1 1 0.784314,rgBT /Oyerlock 10 0.7		4
30	A power quality improved bridgeless converter based computer power supply. , 2014, , .		1
31	A power quality improved bridgeless converter based computer power supply. , 2014, , .		0
32	Power factor correction in a brushless DC motor drive using an isolated-Luo converter. , 2014, , .		2
33	A PFC based isolated Sheppard-Taylor converter feeding brushless DC motor drive. , 2014, , .		5
34	Power Quality Improvement in Bridgeless Acâ€“Dc Converter Based Multi-output Switched Mode Power Supply. International Journal of Emerging Electric Power Systems, 2014, 15, 533-544.	0.8	0
35	A unity power factor NI-BIBRED converter fed brushless DC motor drive. , 2014, , .		3
36	An Adjustable-Speed PFC Bridgeless Buckâ€“Boost Converter-Fed BLDC Motor Drive. IEEE Transactions on Industrial Electronics, 2014, 61, 2665-2677.	7.9	165

#	ARTICLE	IF	CITATIONS
37	A PFC-Based BLDC Motor Drive Using a Canonical Switching Cell Converter. IEEE Transactions on Industrial Informatics, 2014, 10, 1207-1215.	11.3	43
38	Reduced sensor configuration of brushless DC motor drive using a power factor correctionâ€based modifiedâ€zeta converter. IET Power Electronics, 2014, 7, 2322-2335.	2.1	32
39	An Improved Power Quality BIBRED Converter-Based VSI-Fed BLDC Motor Drive. International Journal of Emerging Electric Power Systems, 2014, 15, 25-33.	0.8	2
40	A Brushless DC Motor Drive With Power Factor Correction Using Isolated Zeta Converter. IEEE Transactions on Industrial Informatics, 2014, 10, 2064-2072.	11.3	44
41	An improved power quality boost-flyback SSIPP fed BLDC motor drive. International Journal of Power Electronics, 2014, 6, 179.	0.2	3
42	Power-Quality Improvement in PFC Bridgeless SEPIC-Fed BLDC Motor Drive. International Journal of Emerging Electric Power Systems, 2013, 14, 285-296.	0.8	13
43	Improved power quality bridgeless Cuk converter fed brushless DC motor drive for air conditioning system. IET Power Electronics, 2013, 6, 902-913.	2.1	80
44	A reduced sensor PFC BL-Zeta converter based VSI fed BLDC motor drive. Electric Power Systems Research, 2013, 98, 11-18.	3.6	46
45	Power quality improved bridgeless converter based multiple output SMPS. , 2013, , .		1
46	A PFC based switched-capacitor buck-boost converter fed BLDC motor drive. , 2013, , .		11
47	A Reduced Sensor Power Factor Corrected Bridgeless Flyback Converter Fed Brushless DC Motor Drive. Electric Power Components and Systems, 2013, 41, 1114-1128.	1.8	8
48	DICM and DCVM of a PFC-based SEPIC-fed PMBLDCM Drive. IETE Journal of Research, 2013, 59, 141.	2.6	11
49	Reduced sensor based improved power quality CSC converter fed BLDC motor drive. , 2012, , .		2