

Jihad Furqani

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

230
citations

1684188

5
h-index

1588992

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all docs

18
docs citations

18
times ranked

132
citing authors

#	ARTICLE	IF	CITATIONS
1	Acoustic Noise Reduction of a High-Efficiency Switched Reluctance Motor for Hybrid Electric Vehicles With Novel Current Waveform. IEEE Transactions on Industry Applications, 2019, 55, 2519-2528.	4.9	71
2	Current Waveform for Noise Reduction of a Switched Reluctance Motor Under Magnetically Saturated Condition. IEEE Transactions on Industry Applications, 2018, 54, 213-222.	4.9	43
3	Current Reference Selection for Acoustic Noise Reduction in Two Switched Reluctance Motors by Flattening Radial Force Sum. IEEE Transactions on Industry Applications, 2019, 55, 3617-3629.	4.9	21
4	Experimental Verification of Acoustic Noise and Radial Force Sum Variation in Switched Reluctance Motor. IEEE Transactions on Industry Applications, 2021, 57, 2481-2493.	4.9	21
5	Comparison of current waveforms for noise reduction in switched reluctance motors. , 2017, , .		12
6	Analytical and Experimental Verification of Novel Current Waveforms for Noise Reduction in Switched Reluctance Motor. , 2019, , .		12
7	Improved Current Profile Selection for Noise Reduction of Switched Reluctance Motor at Middle Speed Considering Back EMF. IEEE Transactions on Industry Applications, 2021, 57, 4707-4719.	4.9	12
8	Current waveform for noise reduction of switched reluctance motor in magnetically saturated condition. , 2016, , .		9
9	Improved Current Profile for Noise Reduction of Switched Reluctance Motor at Middle Speed. , 2019, , .		9
10	The Effectiveness of Radial Force Sum Flattening for Vibration Mode 0 and Noise Reduction in Switched Reluctance Motor. , 2020, , .		7
11	Magnetic Flux Modelling and Analysis of 120 kW Brushless DC Motor for Medium Bus Application Based with JMAG. , 2019, , .		3
12	Improving Inverter Output Current Controller Under Unbalanced Conditions by Using Virtual Impedance. IEEE Access, 2021, 9, 162359-162369.	4.2	3
13	A Novel Method to Reduce Low-Frequency Output Current Ripple of PWM Inverters. IEEE Transactions on Industry Applications, 2022, 58, 6332-6342.	4.9	3
14	Suppressing the Effects of DC Voltage Fluctuation in PWM Inverters by Using Virtual Impedance. , 2021, , .		2
15	Review of Switched Reluctance Motor Control for Acoustic Noise and Vibration Reduction. International Journal of Sustainable Transportation Technology, 2018, 1, 59-62.	0.2	2
16	New bidirectional step-up DC-DC converter derived from buck-boost DC-DC converter. International Journal of Power Electronics and Drive Systems, 2021, 12, 1699.	0.6	0
17	Simplified cascade multiphase DC-DC buck power converter for low voltage large current applications: part II -- output current controller. International Journal of Power Electronics and Drive Systems, 2021, 12, 2273.	0.6	0
18	A current control method for bidirectional multiphase DC-DC boost-buck converter. International Journal of Electrical and Computer Engineering, 2022, 12, 2363.	0.7	0