

Bangfu Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

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491
citing authors

#	ARTICLE	IF	CITATIONS
1	A Fault-Tolerant Permanent-Magnet Traction Module for Subway Applications. IEEE Transactions on Power Electronics, 2014, 29, 1646-1658.	5.4	135
2	Speed Control of Complementary and Modular Linear Flux-Switching Permanent-Magnet Motor. IEEE Transactions on Industrial Electronics, 2015, 62, 4056-4064.	5.2	76
3	A Novel Energy Management Strategy of Onboard Supercapacitor for Subway Applications With Permanent-Magnet Traction System. IEEE Transactions on Vehicular Technology, 2014, 63, 2578-2588.	3.9	49
4	Coupled Magnetic-Thermal Fields Analysis of Water Cooling Flux-Switching Permanent Magnet Motors by an Axially Segmented Model. IEEE Transactions on Magnetics, 2017, 53, 1-4.	1.2	41
5	Sensorless Control Strategy of Electrical Variable Transmission Machines for Wind Energy Conversion Systems. IEEE Transactions on Magnetics, 2013, 49, 3383-3386.	1.2	37
6	High-Resistance Connection Detection in Permanent Magnet Synchronous Machine Using Zero-Sequence Current Component. IEEE Transactions on Power Electronics, 2015, , 1-1.	5.4	29
7	Analysis of Linear Flux-Switching Permanent Magnet Motor Using Response Surface Methodology. IEEE Transactions on Magnetics, 2014, 50, 1-4.	1.2	25
8	Optimization and Analysis of a Yokeless Linear Flux-Switching Permanent Magnet Machine With High Thrust Density. IEEE Transactions on Magnetics, 2015, 51, 1-4.	1.2	23
9	Comparison of modular linear flux-switching permanent magnet motors with different mover and stator pole pitch. , 2017, , .		7
10	Sensorless vector control of complementary and modular linear flux-switching permanent magnet motor based on MRAS and SVPWM. , 2015, , .		5
11	Split ratio design technique of the magnetic-gear dual-rotor motor. , 2016, , .		5
12	Sensorless Control of Linear Flux-Switching Permanent Magnet Motor Based on Improved MRAS. , 2018, , .		5
13	Coupled magnetic-thermal fields analysis of water cooling flux-switching permanent magnet motors by an axially segmented model. , 2016, , .		3
14	Energy-Release Strategy for Permanent Magnet Traction System with Onboard Energy Storage System for Subway Applications. , 2013, , .		1
15	A modular and fault-tolerant linear flux-switching permanent magnet machine with thin yoke. , 2016, , .		1
16	Parameter sensitivity analysis and robust design approach for flux-switching permanent magnet machines. , 2016, , .		0