

Ping Jin

List of Publications by Year in descending order

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28
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438
citing authors

#	ARTICLE	IF	CITATIONS
1	A Vibration-Based Hybrid Energy Harvester for Wireless Sensor Systems. IEEE Transactions on Magnetics, 2012, 48, 4495-4498.	1.2	90
2	Analytical Magnetic Field Analysis and Prediction of Cogging Force and Torque of a Linear and Rotary Permanent Magnet Actuator. IEEE Transactions on Magnetics, 2011, 47, 3004-3007.	1.2	51
3	Novel Dual-Rotor Axial Field Flux-Switching Permanent Magnet Machine. IEEE Transactions on Magnetics, 2012, 48, 4232-4235.	1.2	46
4	Design, Optimization, and Intelligent Control of Permanent-Magnet Contactor. IEEE Transactions on Industrial Electronics, 2013, 60, 5148-5159.	5.2	38
5	Static Characteristics Analysis and Experimental Study of a Novel Axial Field Flux-Switching Permanent Magnet Generator. IEEE Transactions on Magnetics, 2012, 48, 4212-4215.	1.2	37
6	Analysis of Axial-Flux Halbach Permanent-Magnet Machine. IEEE Transactions on Magnetics, 2015, 51, 1-4.	1.2	34
7	Fuzzy Control for Flux Weakening of Hybrid Exciting Synchronous Motor Based on Particle Swarm Optimization Algorithm. IEEE Transactions on Magnetics, 2012, 48, 2989-2992.	1.2	32
8	Static Characteristics of Novel Air-Cored Linear and Rotary Halbach Permanent Magnet Actuator. IEEE Transactions on Magnetics, 2014, 50, 977-980.	1.2	32
9	3-D Analytical Magnetic Field Analysis of Axial Flux Permanent-Magnet Machine. IEEE Transactions on Magnetics, 2014, 50, 1-4.	1.2	25
10	Decoupling Control of Linear and Rotary Permanent Magnet Actuator Using Two-Directional $\$dhbox{-}q\$$ Transformation. IEEE Transactions on Magnetics, 2012, 48, 2585-2591.	1.2	21
11	Distribution Characteristic and Combined Optimization of Maximum Cogging Torque of Surface-Mounted Permanent-Magnet Machines. IEEE Transactions on Magnetics, 2018, 54, 1-5.	1.2	15
12	3-D Analytical Magnetic Field Analysis of the Eddy Current Coupling With Halbach Magnets. IEEE Transactions on Magnetics, 2020, 56, 1-4.	1.2	15
13	General Analytical Method for Magnetic Field Analysis of Halbach Magnet Arrays Based on Magnetic Scalar Potential. Journal of Magnetics, 2013, 18, 95-104.	0.2	14
14	3-D Analytical Analysis of Magnetic Field of Flux Reversal Linear-Rotary Permanent-Magnet Actuator. IEEE Transactions on Magnetics, 2017, 53, 1-5.	1.2	10
15	Topology Optimization of Ferromagnetic Components in Electrical Machines. IEEE Transactions on Energy Conversion, 2020, 35, 786-798.	3.7	9
16	Dynamic performance analysis of permanent magnet contactor with a flux-weakening control strategy. Journal of Applied Physics, 2011, 109, .	1.1	8
17	Design and analysis of a flux intensifying permanent magnet embedded salient pole wind generator. AIP Advances, 2018, 8, .	0.6	4
18	Characteristic investigation of permanent magnet actuator for vacuum contactors operating with an intrinsically safe low voltage. Science China Technological Sciences, 2012, 55, 1688-1694.	2.0	3

#	ARTICLE	IF	CITATIONS
19	General 3D Analytical Method for Eddy-Current Coupling with Halbach Magnet Arrays Based on Magnetic Scalar Potential and H-Functions. Energies, 2021, 14, 8458.	1.6	3
20	Optimization Design and Analysis of a Linear-Rotary Permanent Magnet Actuator with Interlaced Poles. , 2016, , .		2
21	Analytical method for predicting air-gap magnetic field distribution of surface mounted permanent magnet machine with non-concentric magnetic poles. , 2017, , .		2
22	Demagnetization Analysis of a V-shape PM Salient Pole Wind Generator under Sudden Short-Circuits after Rated Load Condition. , 2020, , .		1
23	A Novel Bidirectional Wireless Power Transmission System for Doubly-fed Motor. , 2020, , .		1
24	3-D analytical cogging force and cogging torque analysis of a novel linear-rotary permanent magnet actuator. , 2016, , .		0
25	Analysis and optimization of a new 2-D magnet array for linear and rotary actuator. , 2017, , .		0
26	Theory and Design of a Novel Multi-Layer Modular Modulation Winding. IEEE Access, 2021, 9, 115442-115452.	2.6	0
27	A Variable Frequency Bidirectional CLLC Resonant Converter with Variable Capacitor. , 2020, , .		0
28	3-D Hybrid Analytical Prediction Model for Air-Cored Linear-Rotary Induction Machine. IEEE Transactions on Magnetics, 2022, 58, 1-5.	1.2	0