Jianhu Yan

List of Publications by Year
in descending order

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21	376	1163117 8	1199594 12
papers	citations	h-index	g-index

21	21	21	368
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Initial rotor position and inductance estimation of PMSMs utilizing zero-current-clamping effect. Journal of Power Electronics, 2022, 22, 50-60.	1.5	3
2	High frequency pulse injected double stage filtering method for linear permanent magnet motor position error compensation considering parameter asymmetry. Journal of Power Electronics, 2021, 21, 1343-1351.	1.5	1
3	Analysis and Calculation of Mechanical Structure Strength of High-speed Linear Motors for Electromagnetic Launch System. , 2021, , .		1
4	Economic Potential and Sensitivity Analysis of Energy Storage Applications in the Power Sale Side of China. , 2020, , .		0
5	Detent Force Minimizing for Moving-Magnet-Type Linear Synchronous Motor. IEEE Transactions on Magnetics, 2019, 55, 1-5.	2.1	18
6	Comparative investigation of inset-type and V-type IPMSM for light electric vehicle. International Journal of Applied Electromagnetics and Mechanics, 2017, 54, 515-524.	0.6	2
7	Study on dynamic characteristic of wind turbine emulator based on PMSM. Renewable Energy, 2016, 97, 731-736.	8.9	29
8	Effect of Slot Opening on the Cogging Torque of Fractional-Slot Concentrated Winding Permanent Magnet Brushless DC Motor. Journal of Magnetics, 2016, 21, 78-82.	0.4	1
9	Overview of wind power generation in China: Status and development. Renewable and Sustainable Energy Reviews, 2015, 50, 847-858.	16.4	82
10	Electromagnetic design and analysis of a novel flux-concentrated transverse flux permanent magnet disk generator. , 2014, , .		2
11	Control of a grid-connected direct-drive wind energy conversion system. Renewable Energy, 2014, 66, 371-380.	8.9	33
12	Analysis of a Novel Switched-Flux Memory Motor Employing a Time-Divisional Magnetization Strategy. IEEE Transactions on Magnetics, 2014, 50, 849-852.	2.1	49
13	High Efficiency Control of Flux Switching Transverse Flux Permanent Magnet Generator for Wind Generation System. , 2014, , .		1
14	Cogging Torque Optimization of Flux-Switching Transverse Flux Permanent Magnet Machine. IEEE Transactions on Magnetics, 2013, 49, 2169-2172.	2.1	52
15	Simulation of wind power system involving flywheel energy storage unit based on wind speed forecasting by RBF neural network. , 2013, , .		1
16	Improved sliding mode model reference adaptive system speed observer for fuzzy control of directâ€drive permanent magnet synchronous generator wind power generation system. IET Renewable Power Generation, 2013, 7, 28-35.	3.1	57
17	Analytical modeling of air-gap field distributions in permanent magnet embedded salient pole wind generator. IEEE Transactions on Magnetics, 2013, 49, 5756-5760.	2.1	13
18	Design and analysis of a novel permanent magnet embedded salient pole for wind generator. , 2011, , .		2

#	Article	IF	Citations
19	Speed estimation with sliding mode model reference adaptive system for PM generator in direct drive wind conversion system. , 2011, , .		0
20	A novel energy feedback control method of flywheel energy storage system based on radial basis function neural network. , 2011, , .		4
21	Magnetic field analysis of a novel flux switching transverse flux permanent magnet wind generator with 3-D FEM. , 2009, , .		25