

# Jianhu Yan

## List of Publications by Year in descending order

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21  
papers

376  
citations

1163117

8  
h-index

1199594

12  
g-index

21  
all docs

21  
docs citations

21  
times ranked

368  
citing authors

#	ARTICLE	IF	CITATIONS
1	Overview of wind power generation in China: Status and development. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 50, 847-858.	16.4	82
2	Improved sliding mode model reference adaptive system speed observer for fuzzy control of direct-drive permanent magnet synchronous generator wind power generation system. <i>IET Renewable Power Generation</i> , 2013, 7, 28-35.	3.1	57
3	Cogging Torque Optimization of Flux-Switching Transverse Flux Permanent Magnet Machine. <i>IEEE Transactions on Magnetics</i> , 2013, 49, 2169-2172.	2.1	52
4	Analysis of a Novel Switched-Flux Memory Motor Employing a Time-Divisional Magnetization Strategy. <i>IEEE Transactions on Magnetics</i> , 2014, 50, 849-852.	2.1	49
5	Control of a grid-connected direct-drive wind energy conversion system. <i>Renewable Energy</i> , 2014, 66, 371-380.	8.9	33
6	Study on dynamic characteristic of wind turbine emulator based on PMSM. <i>Renewable Energy</i> , 2016, 97, 731-736.	8.9	29
7	Magnetic field analysis of a novel flux switching transverse flux permanent magnet wind generator with 3-D FEM. , 2009, , .		25
8	Detent Force Minimizing for Moving-Magnet-Type Linear Synchronous Motor. <i>IEEE Transactions on Magnetics</i> , 2019, 55, 1-5.	2.1	18
9	Analytical modeling of air-gap field distributions in permanent magnet embedded salient pole wind generator. <i>IEEE Transactions on Magnetics</i> , 2013, 49, 5756-5760.	2.1	13
10	A novel energy feedback control method of flywheel energy storage system based on radial basis function neural network. , 2011, , .		4
11	Initial rotor position and inductance estimation of PMSMs utilizing zero-current-clamping effect. <i>Journal of Power Electronics</i> , 2022, 22, 50-60.	1.5	3
12	Design and analysis of a novel permanent magnet embedded salient pole for wind generator. , 2011, , .		2
13	Electromagnetic design and analysis of a novel flux-concentrated transverse flux permanent magnet disk generator. , 2014, , .		2
14	Comparative investigation of inset-type and V-type IPMSM for light electric vehicle. <i>International Journal of Applied Electromagnetics and Mechanics</i> , 2017, 54, 515-524.	0.6	2
15	Simulation of wind power system involving flywheel energy storage unit based on wind speed forecasting by RBF neural network. , 2013, , .		1
16	High Efficiency Control of Flux Switching Transverse Flux Permanent Magnet Generator for Wind Generation System. , 2014, , .		1
17	High frequency pulse injected double stage filtering method for linear permanent magnet motor position error compensation considering parameter asymmetry. <i>Journal of Power Electronics</i> , 2021, 21, 1343-1351.	1.5	1
18	Analysis and Calculation of Mechanical Structure Strength of High-speed Linear Motors for Electromagnetic Launch System. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
19	Effect of Slot Opening on the Cogging Torque of Fractional-Slot Concentrated Winding Permanent Magnet Brushless DC Motor. Journal of Magnetism, 2016, 21, 78-82.	0.4	1
20	Speed estimation with sliding mode model reference adaptive system for PM generator in direct drive wind conversion system. , 2011, , .		0
21	Economic Potential and Sensitivity Analysis of Energy Storage Applications in the Power Sale Side of China. , 2020, , .		0