

# Haitao Yu

## List of Publications by Year in descending order

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papers

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citations

516710

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526287

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docs citations

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times ranked

696  
citing authors

#	ARTICLE	IF	CITATIONS
1	Speed-Current Single-Loop Control With Overcurrent Protection for PMSM Based on Time-Varying Nonlinear Disturbance Observer. IEEE Transactions on Industrial Electronics, 2022, 69, 179-189.	7.9	58
2	Electromagnetic Design of Single-Phase Permanent Magnet Linear Oscillation Actuator Considering Detent Force Minimum. IEEE Transactions on Magnetics, 2022, 58, 1-5.	2.1	1
3	An Identification and Location Method for Power Quality Disturbance Sources in MMC Converter Based on KNN Algorithm. , 2021, , .		4
4	Intelligent Transformer Protection Method Based on Convolutional Neural Network. , 2021, , .		0
5	Research on All-Solid-State DC Circuit Breaker with Active Fault Current-limiting Circuit. , 2021, , .		0
6	The robust-optimization operation strategy of the electro-thermal integrated energy system. , 2021, , .		0
7	Transformer Multi-Feature Intelligence Protection Principle Based on BP Neural Network. , 2021, , .		1
8	A novel identification and location method for transient power quality disturbance sources. , 2021, , .		1
9	Detent Force Reduction Design for the C-Core Single-Phase Permanent Magnet Linear Oscillation Actuator. , 2021, , .		2
10	Comparison of rare-earth and hybrid magnet mover configurations for a permanent magnet synchronous linear motor. IET Electric Power Applications, 2021, 15, 321-331.	1.8	3
11	An Improved Real-Time Voltage Sag Detection Method Based on the Short-Time Delay Method. , 2021, , .		0
12	Cluster Resonance Suppression Strategy of Grid-Connected Inverter System based on Hybrid Impedance Shaping. , 2021, , .		1
13	Non-intrusive load decomposition technology based on CRF model. , 2021, , .		2
14	Effective Thermal Conductivity Calculation and Measurement of Litz Wire Based on the Porous Metal Materials Structure. IEEE Transactions on Industrial Electronics, 2020, 67, 2667-2677.	7.9	28
15	Demand-side Price Responsive EV Charging Strategy based on Stochastic Model. , 2020, , .		0
16	A Low-Complexity Optimal Switching Time-Modulated Model-Predictive Control for PMSM With Three-Level NPC Converter. IEEE Transactions on Transportation Electrification, 2020, 6, 1188-1198.	7.8	46
17	Analysis of a Tubular Linear Permanent Magnet Oscillator With Auxiliary Teeth Configuration for Energy Conversion System. IEEE Transactions on Transportation Electrification, 2020, 6, 602-611.	7.8	13
18	Magnetic field-modulated linear permanent magnet generator for direct-drive wave energy conversion. IET Electric Power Applications, 2020, 14, 742-750.	1.8	9

#	ARTICLE	IF	CITATIONS
19	An Improved Statistical Algorithm for Topology Identification and Parameter Estimation of Low-voltage Distribution Grids. , 2020, , .		3
20	An Improved Sliding Mode Control Using Disturbance Torque Observer for Permanent Magnet Synchronous Motor. IEEE Access, 2019, 7, 36691-36701.	4.2	48
21	Passivity analysis and disturbance observer-based adaptive integral sliding mode control for uncertain singularly perturbed systems with input nonlinearity. IET Control Theory and Applications, 2019, 13, 3174-3183.	2.1	11
22	Analysis of a PM Linear Generator with Double Translators for Complementary Energy Generation Platform. Energies, 2019, 12, 4606.	3.1	2
23	Establishment of a New Dual Rotor Flux Switching Motor Magnetic Circuit Model and Optimization of No-Load Back EMF. IEEE Transactions on Magnetics, 2019, 55, 1-5.	2.1	12
24	Study of an Axial-Flux Modulated Superconducting Magnetic Gear. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.7	8
25	Spatial harmonic analysis on a permanent magnet linear generator with Halbach array for direct-drive wave energy conversion. International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, 2018, 31, e2316.	1.9	3
26	Research on the Field-Modulated Tubular Linear Generator With Quasi-Halbach Magnetization for Ocean Wave Energy Conversion. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.7	18
27	Study of An Axial-Flux Modulated Superconducting Magnetic Gear. , 2018, , .		1
28	A Novel Adaptive Neuro-Control Approach for Permanent Magnet Synchronous Motor Speed Control. Energies, 2018, 11, 2355.	3.1	14
29	Comparative Analysis and Experimental Verification of a Linear Tubular Generator for Wave Energy Conversion. Energies, 2018, 11, 1707.	3.1	11
30	Polar Transformed Subdomain Modeling for Double-Stator Permanent Magnet Linear Synchronous Machine. IEEE Transactions on Magnetics, 2018, 54, 1-5.	2.1	5
31	A Simplified Subdomain Analytical Model for the Design and Analysis of a Tubular Linear Permanent Magnet Oscillation Generator. IEEE Access, 2018, 6, 42355-42367.	4.2	15
32	Design and Experiment Analysis of a Direct-Drive Wave Energy Converter with a Linear Generator. Energies, 2018, 11, 735.	3.1	8
33	Research on a Direct-Drive Wave Energy Converter Using an Outer-PM Linear Tubular Generator. IEEE Transactions on Magnetics, 2017, 53, 1-4.	2.1	27
34	Study of Axial-Flux-Type Superconducting Eddy-Current Couplings. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.7	6
35	Electromagnetic Design of a 10-kW-Class Flux-Switching Linear Superconducting Hybrid Excitation Generator for Wave Energy Conversion. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-6.	1.7	9
36	Design and Analysis of a Field-Modulated Tubular Linear Permanent Magnet Generator for Direct-Drive Wave Energy Conversion. IEEE Transactions on Magnetics, 2017, 53, 1-4.	2.1	24

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37	Design and experiment of a direct-drive wave energy converter using outer-PM linear tubular generator. IET Renewable Power Generation, 2017, 11, 353-360.	3.1	18
38	Research on a PM Slotless Linear Generator Based on Magnet Field Analysis Model for Wave Energy Conversion. IEEE Transactions on Magnetics, 2017, 53, 1-4.	2.1	7
39	A novel strategy of resonant frequency tracking control for linear compressor. , 2017, , .		3
40	Research on a double float system for direct drive wave power conversion. IET Renewable Power Generation, 2017, 11, 1026-1032.	3.1	15
41	Parameter estimation of linear oscillatory actuator with RLS method. , 2017, , .		4
42	A Study on a Linear Magnetic-Geared Interior Permanent Magnet Generator for Direct-Drive Wave Energy Conversion. Energies, 2016, 9, 487.	3.1	20
43	Design and analysis of a linear continuous magnetic gear generator for direct-drive wave energy conversion. , 2016, , .		1
44	Electromagnetic-fluid-thermal field Calculation and analysis of a permanent magnet linear motor. , 2016, , .		0
45	Design and optimization of a field-modulating permanent magnet tubular linear generator for direct-drive wave energy conversion. , 2016, , .		2
46	Thermal Analysis of Open-Circuit Steady-State MgB <sub>2</sub> Superconducting Synchronous Generator Based on Multiphysical Field Coupling. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.7	0
47	Design, construction and ocean testing of wave energy conversion system with permanent magnet tubular linear generator. Transactions of Tianjin University, 2016, 22, 72-76.	6.4	5
48	Study on a Novel Pseudo-Six-Phase Linear Flux-Switching Permanent-Magnet Machine for Direct Drive. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-4.	1.7	11
49	Design of a MgB <sub>2</sub> Superconducting Synchronous Generator. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.7	3
50	Winding Configuration and Performance Investigations of a Tubular Superconducting Flux-Switching Linear Generator. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-5.	1.7	30
51	An Optimal Control Method for Maximizing the Efficiency of Direct Drive Ocean Wave Energy Extraction System. Scientific World Journal, The, 2014, 2014, 1-10.	2.1	3
52	Research on a permanent magnet tubular linear generator for direct drive wave energy conversion. IET Renewable Power Generation, 2014, 8, 281-288.	3.1	54
53	Design and Experimental Analysis of AC Linear Generator With Halbach PM Arrays for Direct-Drive Wave Energy Conversion. IEEE Transactions on Applied Superconductivity, 2014, 24, 1-4.	1.7	36
54	Coil Shape Optimization for Superconducting Wind Turbine Generator Using Response Surface Methodology and Particle Swarm Optimization. IEEE Transactions on Applied Superconductivity, 2014, 24, 1-4.	1.7	11

#	ARTICLE	IF	CITATIONS
55	The research on direct-drive wave energy conversion system and performance optimization. Acta Oceanologica Sinica, 2014, 33, 178-183.	1.0	2
56	Study on the Characteristics of a Novel Six-Phase Fault-Torrent Linear Permanent Magnet Machine for Linear Oil Pumping. IEEE Transactions on Applied Superconductivity, 2014, 24, 1-5.	1.7	9
57	Research on a Tubular Primary Permanent-Magnet Linear Generator for Wave Energy Conversions. IEEE Transactions on Magnetics, 2013, 49, 1917-1920.	2.1	67
58	Detent Force Reduction in Permanent Magnet Tubular Linear Generator for Direct-Drive Wave Energy Conversion. IEEE Transactions on Magnetics, 2013, 49, 1913-1916.	2.1	63
59	Study on a Long Primary Flux-Switching Permanent Magnet Linear Motor for Electromagnetic Launch Systems. IEEE Transactions on Plasma Science, 2013, 41, 1138-1144.	1.3	24
60	Cogging Force Reduction of Double-Sided Linear Flux-Switching Permanent Magnet Machine for Direct Drives. IEEE Transactions on Magnetics, 2013, 49, 2275-2278.	2.1	28
61	Marine Energy Conversion. Advances in Mechanical Engineering, 2013, 5, 457083.	1.6	0
62	Performance Analysis of a Completely Sealed Double Oscillating Structure Applied in Wave Energy Extraction. Advances in Mechanical Engineering, 2013, 5, 297803.	1.6	0
63	Analyzing and modeling of dynamic magnetic suspension plate in the electromagnetic launcher. , 2012, , .		5
64	Study on a long primary flux-switching permanent magnet linear motor for electromagnetic launch systems. , 2012, , .		5
65	A permanent magnet tubular linear generator for wave energy conversion. Journal of Applied Physics, 2012, 111, 07A741.	2.5	15