

# You Jiaxin

## List of Publications by Year in descending order

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21  
papers

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citations

2257263

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#	ARTICLE	IF	CITATIONS
1	Multi-Objective Optimization Design for Electromagnetic Devices With Permanent Magnet Based on Approximation Model and Distributed Cooperative Particle Swarm Optimization Algorithm. IEEE Transactions on Magnetics, 2018, 54, 1-5.	1.2	14
2	MODEA Based on Multi-Population Strategy With Adaptive Weight and Its Application to Electromagnetic Device Optimization. IEEE Access, 2020, 8, 72039-72046.	2.6	5
3	The Effect of Coil on Combined Three-Subsection Permanent Magnet in Close Magnetic Circuit Model. , 2011, , .		4
4	Multi-objective Gaussian particle swarm algorithm optimization based on niche sorting for actuator design. Advances in Mechanical Engineering, 2015, 7, 168781401562032.	0.8	4
5	Research on the calculation methods of enclosed isolated phase bus-bar in short-circuit condition. , 2016, , .		3
6	Research on parallel algorithms for calculating static characteristics of electromagnetic relay. , 2016, , .		3
7	Thermal-Dynamic Stability Analysis for the Enclosed Isolated-Phase Bus Bar Based on the Subsegment Calculation Model. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2017, , 1-9.	1.4	3
8	Steady Temperature Rise Analysis of Non Segregated Phase Bus Based on Finite Element Method. , 2012, , .		2
9	Research on the dynamic calculation model for a dc solenoid electromagnetic contactor and its contact characteristics in break process. , 2015, , .		2
10	A Novel Design of the Rotary Electromagnetic Actuator and the Analysis of Critical Demagnetization State for Its Permanent Magnet. IEEE Transactions on Magnetics, 2017, 53, 1-6.	1.2	2
11	Research on the distribution thermal FEM model for an enclosed isolated phase bus-bar in short-circuit condition. , 2017, , .		2
12	A Type of Attractive Force Calculation Model of Polarized Relay Based on Nonlinear Permanent Magnet Bar Subsection Model. , 2012, , .		1
13	Structure classification of electromagnetic relays and comparison of typical magnetic system containing permanent magnet. , 2014, , .		1
14	Break Kinetic Energy-based Overload Dynamic Model for a Small Hermetically Sealed Relay. , 2019, , .		1
15	A Working Air-gap and Magnetic Circuit Topology Analysis based Method for Straightly-Acting Solenoid Valve Design. , 2021, , .		1
16	The Study of Realization Method of High Real-Time Test and Control System Based on PC. , 2009, , .		0
17	Shielding Design for Current Sensor of Excitation System Based on 3-D FEM. , 2010, , .		0
18	Design of simulate capacitor loads experiment and results analysis for polarized relay. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
19	Overload Capacity Experimental Research and the Improved Design Method for the Contact System of an SSER. , 2018, , .		0
20	Improved Method for Distributed Parameter Model of Solenoid Valve Based on Kriging Basis Function Predictive Identification Program. Actuators, 2021, 10, 10.	1.2	0
21	Energy Conservation Model for Electromechanical Transient Characteristics of Electromagnetic Actuators. IEEE Transactions on Energy Conversion, 2022, , 1-11.	3.7	0