

# Zuoshuai Wang

## List of Publications by Year in descending order

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25  
papers

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933447

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docs citations

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times ranked

273  
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of SMES in the Microgrid Based on Fuzzy Control. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.7	44
2	Study on the Current Limiting Performance of a Novel SFCL in DC Systems. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-6.	1.7	29
3	Conceptual Design and Performance Evaluation of a 35-kV/500-A Flux-Coupling-Type SFCL for Protection of a DFIG-Based Wind Farm. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-7.	1.7	29
4	Application of a Novel Superconducting Fault Current Limiter in a VSC-HVDC System. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-6.	1.7	23
5	Status Evaluation Method for SMES Used in Power Grid. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-10.	1.7	18
6	Tests and Analysis of a Small-Scale Hybrid-Type DC SFCL Prototype. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-6.	1.7	15
7	Electromagnetic Design and Performance Analysis of a Flux-Coupling-Type SFCL. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.7	12
8	Analysis of Magnetic Circuit and Leakage Magnetic Field of a Saturated Iron-Core Superconducting Fault Current Limiter. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.7	10
9	Design and Verification Test of a Flux-Coupling-Type Superconducting Fault Current Limiter. IEEE Transactions on Magnetics, 2018, 54, 1-5.	2.1	10
10	AC Loss Prediction Model of a 150 kJ HTS SMES Based on Multi-Scale Model and Artificial Neural Networks. IEEE Transactions on Magnetics, 2018, 54, 1-5.	2.1	10
11	Development of a New Type of HTS Controllable Reactor With Orthogonally Configured Core. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.7	9
12	Levitation Force Computation of HTS/PM System Based on $\frac{1}{2} \int \mathbf{H} \cdot d\mathbf{l}$ Formulation. IEEE Transactions on Magnetics, 2018, 54, 1-5.	2.1	8
13	Simulation Analysis and Experimental Tests of a Small-Scale Flux-Coupling Type Superconducting Fault Current Limiter. IEEE Transactions on Applied Superconductivity, 2016, , 1-1.	1.7	7
14	Performance Analysis and Prototype Design of a D-Core-Type Single-Phase HTS Controllable Reactor. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-4.	1.7	6
15	Study on the Thermal Characteristic of a 150 kJ/100 kW Conduction-Cooled HTS Magnet. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-8.	1.7	4
16	Excitation Effect Analysis of a Novel HTS Controllable Reactor With Orthogonally Configured Core Based on Dynamic Inductance Matrix. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-4.	1.7	4
17	Design and Verification Test of an HTS Leakage Flux-Controlled Reactor. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.7	4
18	Design of Cryogenic Cooling System of a 35-kV/3.5-MVA Single-Phase HTS-Controllable Reactor. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-4.	1.7	3

#	ARTICLE	IF	CITATIONS
19	Numerical Multiscale Model for AC Loss Calculation of Large-Scale HTS Solenoid Magnets. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.7	3
20	A Coupling Simulation and Modeling Method for High Temperature Superconducting Magnets. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.7	2
21	Study on AC Loss Characteristics in HTS Windings of a HTS Controllable Reactor With Orthogonally Configured Core. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.7	2
22	Electromagnetic Calculation of a 35 kV/3.5 MVA Single-Phase HTS Controllable Reactor With Field-Circuit Coupled-FEM. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.7	1
23	New Background Field Estimation Methods for Improving Numerical Multiscale Model in AC Loss Calculation. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-12.	1.7	1
24	Saturation and Hysteresis Characteristics Analysis of a HTS Controllable Reactor With Orthogonally Configured Core. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.7	1
25	Current and Voltage Distribution Analysis of Control Winding in a 35-kV HTS-CR Considering AC Losses. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.7	0