

Li Ren

List of Publications by Year in descending order

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200
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#	ARTICLE	IF	CITATIONS
1	Design and Test Analysis of Small-Scale Direct Current Superconducting Current-Limiting Switch Prototype. IEEE Transactions on Magnetics, 2022, 58, 1-5.	2.1	0
2	Research on the Characteristics of a High-Temperature Superconducting Leakage Flux-Controlled Reactor. IEEE Transactions on Industrial Electronics, 2022, 69, 10101-10111.	7.9	1
3	Influence Analysis of SMES Magnet Design Scheme on Its Voltage Distribution Characteristic. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-11.	1.7	0
4	State Predictive Control of Modular SMES Magnet Based on Deep Reinforcement Learning. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	1
5	Electromagnetic Design and Performance Analysis of a Hybrid-Type Superconducting Fault Current Limiter in Shipboard MVDC IPS. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-4.	1.7	1
6	The Influence of SMES Magnet Operation Parameters on Voltage Distribution Characteristic. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	3
7	High-Temperature Superconducting Cable Optimization Design Software Based on 2-D Finite Element Model. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	3
8	Parameter Matching and Structural Optimization Design of H-SFCL in MMC Ship MVDC System. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-6.	1.7	3
9	A novel AC loss measurement method for HTS coils based on parameter identification. Superconductor Science and Technology, 2022, 35, 065021.	3.5	4
10	A full spectrum κ -distribution-based weighted sum of gray gases model for pressurized oxygen fuel combustion. International Journal of Energy Research, 2021, 45, 3410-3420.	4.5	11
11	Frequency-Domain Analysis and the Effect on Voltage Distribution of the HTS SMES. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	3
12	Virtual power plant implementation scheme in Shenzhen city. Environmental Progress and Sustainable Energy, 2021, 40, e13598.	2.3	5
13	Analysis of Overcurrent Performance of YBCO Tape Considering Different Heat Exchange Conductions. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	4
14	Applied Superconductivity and Electromagnetic Devices - Principles and Current Exploration Highlights. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-29.	1.7	8
15	Performance Comparison of Three Types of SFCL in Shipboard MVDC IPS. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	6
16	Thermal and Electrical Analysis of No-Insulation Magnet During Transient Process Based on 2D Finite Element Method. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	3
17	Study on Energy Storage Magnet State Assessment Method Considering Temperature Rise. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-11.	1.7	3
18	Review on MILD Combustion of Gaseous Fuel: Its Definition, Ignition, Evolution, and Emissions. Energy & Fuels, 2021, 35, 7572-7607.	5.1	45

#	ARTICLE	IF	CITATIONS
19	Thermal Analysis of Tri-axial HTS Cable. , 2021, , .		1
20	Modular Design of 3 MJ/2 MW Toroidal Magnet and Analysis of Dynamic Temperature Rise. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-8.	1.7	2
21	Corrections to "Dimension Reduction Calculation Method of Toroidal Magnet"[Jun 20 Art. no. 4902206]. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-1.	1.7	0
22	Calculation of CORC Cable Loss Using a Coupled Electromagnetic-Thermal T-A Formulation Model. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-7.	1.7	10
23	The Influence of Electromagnetic Vibration Caused by AC Current On the Performance of Y-Ba-Cu-O Tapes. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	2
24	A Novel Quench Detection Method Based on CNN-LSTM Model. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	5
25	Simulation Analysis of 2D Finite Element Axial Transient Temperature Distribution of HTS Cable. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-6.	1.7	6
26	A Simplified 2D Modeling Method for Electromagnetic Analysis of HTS Power Transmission Cable Spiraled With Coated Conductors. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-6.	1.7	2
27	Research on DC overcurrent characteristics and life prediction of YBCO tapes. Superconductor Science and Technology, 2021, 34, 105007.	3.5	2
28	Corrections to "Study on Energy Storage Magnet State Assessment Method Considering Temperature Rise"[Mar 21 Art. no. 4600411]. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-1.	1.7	0
29	Research on M-SMES Temperature Equilibrium Control Strategies Considering State Assessment. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-8.	1.7	2
30	Experimental Analysis of Flux-Coupling-Type Superconducting Fault Current Limiter Prototypes. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	1
31	Comparative Analysis of Three Types of SFCL Considering Current-Limiting Requirement of MMC-HVDC System. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	6
32	Study of DC Superconducting Current-Limiting Switch in MVDC Shipboard Power System. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	2
33	Simplified Design of R-SFCL With Shunt Reactor for Protecting HTS Cable in Distribution Network. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	10
34	Study on the Influence of Thermal and Magnetic Field on CORC Cable Properties by a 2D Model. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	9
35	A Method for Measuring AC Critical Current of HTS Coil Based on Thermal Stability. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-7.	1.7	3
36	Concept Design of BU for Mesh-like Constant Current Seafloor Observation Networks. , 2021, , .		0

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37	Experimental investigation on MILD combustion of co-firing biomass and pulverized coal fuel blend in a pilot-scale furnace. The Proceedings of the International Conference on Power Engineering (ICOPE), 2021, 2021.15, 2021-0193.	0.0	0
38	Dynamic Modeling on the Mode Switching Strategy of a 35 MW Oxy-fuel Combustion Pilot Plant. Energy & Fuels, 2020, 34, 2260-2271.	5.1	6
39	AC loss measurement of HTS coil under periodic current. Physica C: Superconductivity and Its Applications, 2020, 569, 1353562.	1.2	20
40	Analysis and Evaluation Method of Demand Response Market Potential in Guangdong Province. , 2020, , .		0
41	Power flow optimization of distribution network with HTS cable. , 2020, , .		2
42	Dimension Reduction Calculation Method of Toroidal Magnet. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-6.	1.7	11
43	Application of Flux-Coupling-Type Superconducting Fault Current Limiter on Shipboard MVDC Integrated Power System. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-8.	1.7	18
44	Optimal Design and Thermal Analysis of Current Leads in Superconducting Energy Pipeline. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-10.	1.7	2
45	Analysis of R-SFCL With Shunt Resistor in MMC-HVDC System Using Novel R-Q Method. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-5.	1.7	23
46	Experimental Research on Critical Current Behavior of Various Commercial HTS Tapes. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-6.	1.7	5
47	Voltage Distribution Research on Flux-Coupling-Type SFCL. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-5.	1.7	5
48	Research on Energy Management Scheme of Commercial Buildings Cluster Considering Demand Response. , 2020, , .		2
49	Study on Coordination of Resistive SFCLs and Hybrid-Type Circuit Breakers to Protect a HVDC System With LCC and VSC Stations. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-6.	1.7	18
50	Critical Current Degradation of YBCO Tape With Different Stabilizing Layers Under Cyclic Mechanical Strains. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-7.	1.7	5
51	Re-Recognition of the MILD Combustion Regime by Initial Conditions of T_{in} and X_{O_2} for Methane in a Nonadiabatic Well-Stirred Reactor. Energy & Fuels, 2020, 34, 2391-2404.	5.1	26
52	Critical Current Degradation Behavior of Coated Conductor Subjected to Repeat Overcurrent. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-6.	1.7	5
53	Design and Analysis of Four Different Current Leads for Superconducting DC Energy Pipeline. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-5.	1.7	5
54	Investigation of a Modified Flux-Coupling-Type SFCL for Low-Voltage Ride-Through Fulfillment of a Virtual Synchronous Generator. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-6.	1.7	27

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55	Experimental Study on the Performance Change of YBCO Tapes Under Repeated Overcurrent. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-10.	1.7	11
56	Simplified Design of Preset Stress Cone for HTS DC Energy Pipeline. , 2020, , .		0
57	Experimental Study of Fiber Bragg Grating Applied on Quench Detection of HTS Tapes. , 2020, , .		1
58	Optimization of Resistive Type Superconducting Fault Current Limiter and Circuit Breaker in Hybrid HVDC Transmission System. , 2020, , .		0
59	Heat Leakage Measurement of Energy Pipeline Current Leads by Temperature Gradient Method. , 2020, , .		0
60	Hysteresis Characteristics Analysis of a Flux-coupling type Superconducting Fault Current Limiter. , 2020, , .		0
61	Design and Analysis of Superconducting Current-Limiting Switch in Ship MVDC System. , 2020, , .		0
62	Research on Thermal Behavior of HTS Cable in Fault and Recovery. , 2020, , .		0
63	Transient Stability Enhancement of a Multi-Machine Power System Using Modified Flux-Coupling-Type Superconducting Fault Current Limiters. , 2020, , .		0
64	Current-Limiting Characteristics of an Improved Flux-Coupling-Type SFCL. , 2020, , .		0
65	Current-Limiting Performance of Three Types of SFCL in MMC-HVDC System. , 2020, , .		1
66	Current-Limiting Performance of Three Types of SFCL in Shipboard MVDC IPS. , 2020, , .		0
67	Optimization of SMES-Battery Hybrid Energy Storage System for Wind Power Smoothing. , 2020, , .		4
68	Research of a Resistive-Type SFCL for Protection of a Power Electronic Transformer. , 2020, , .		0
69	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
70	Pareto optimal allocation of resistive-type fault current limiters in active distribution networks with inverter-interfaced and synchronous distributed generators. Energy Science and Engineering, 2019, 7, 2554-2571.	4.0	14
71	Parameter Matching and Optimization of a Hybrid Type DC SFCL Considering the Transient Characteristics of VSC-Based DC Systems. Energies, 2019, 12, 3522.	3.1	8
72	A Short-term Load Forecasting Model Based on Composite Cascaded Artificial Neural Network with A Multi-factor Identification Method. , 2019, , .		1

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73	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
74	Experimental and Numerical Study of the Fuel-NO _x Formation at High CO ₂ Concentrations in a Jet-Stirred Reactor. Energy & Fuels, 2019, 33, 6797-6808.	5.1	11
75	A novel simplified modeling method based on R ² Q curve of resistive type SFCL in power systems. Physica C: Superconductivity and Its Applications, 2019, 563, 82-87.	1.2	11
76	Optimal control strategy of load aggregators with demand response. Journal of Engineering, 2019, 2019, 1033-1036.	1.1	4
77	Capacity-Control Optimization of SMES in Distribution Networks With Renewable Energy. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-6.	1.7	3
78	Integrated design method for superconducting magnetic energy storage considering the high frequency pulse width modulation pulse voltage on magnet. Applied Energy, 2019, 248, 1-17.	10.1	31
79	AC Loss Analysis of a Flux-Coupling Type Superconducting Fault Current Limiter. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.7	6
80	Numerical Model of HTS Cable and Its Electric-Thermal Properties. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.7	16
81	Research on the Magnetic Properties of Iron Core for Saturated Iron-Core Superconducting Fault Current Limiter. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-4.	1.7	2
82	Aggregate Control Strategy for Thermostatically Controlled Loads with Demand Response. Energies, 2019, 12, 683.	3.1	9
83	Failure Analysis of YBCO Tapes Considering the Amplitude and Duration of Sinusoidal Overcurrent. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.7	8
84	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
85	Experimental Analysis of Quench Characteristic in HTS Tapes and Coils. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-6.	1.7	7
86	Reaction Characteristics and MILD Combustion of Residual Char in a Pilot-Scale Furnace. Energy & Fuels, 2019, 33, 12791-12800.	5.1	16
87	Study of Resistive-Type Superconducting Fault Current Limiters for a Hybrid High Voltage Direct Current System. Materials, 2019, 12, 26.	2.9	18
88	Combined Use of a Resistive SFCL and DC-link Regulation of a SMES for FRT Enhancement of a DFIG Wind Turbine Under Different Faults. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-8.	1.7	21
89	Application and Design of a Resistive-Type Superconducting Fault Current Limiter for Efficient Protection of a DC Microgrid. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-7.	1.7	41
90	Integrated Control Method for the Active Superconducting Current Controller. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-6.	1.7	1

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91	Research on the Application of Superconducting Magnetic Energy Storage in Microgrids for Smoothing Power Fluctuation Caused by Operation Mode Switching. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-6.	1.7	13
92	Electromagnetic Design and Performance Analysis of a Flux-Coupling-Type SFCL. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.7	12
93	Application of a voltage compensation type active superconducting current controller to current limiting capability of power grid. International Journal of Electrical Power and Energy Systems, 2018, 101, 385-393.	5.5	1
94	SMES-Battery Energy Storage System for the Stabilization of a Photovoltaic-Based Microgrid. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-7.	1.7	78
95	Optimal Equivalence Ratio to Minimize NO Emission during Moderate or Intense Low-Oxygen Dilution Combustion. Energy & Fuels, 2018, 32, 4478-4492.	5.1	24
96	Conceptual Design and Evaluation of an HTS Magnet for an SMES Used in Improving Transient Performance of a Grid-Connected PV System. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-8.	1.7	14
97	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
98	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
99	Tests and Analysis of a Small-Scale Hybrid-Type DC SFCL Prototype. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-6.	1.7	15
100	Investigation on Performance of No-Insulation Coil Considering the Influence of Stress Distribution on Radial Characteristic Resistivity. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-7.	1.7	7
101	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
102	Analysis of the loss and thermal characteristics of a SMES (Superconducting Magnetic Energy) Tj ETQqO 0 0 rgBT /Qverlock 10 Tf 50 302	8.8	28
103	Levitation Force Computation of HTS/PM System Based on $\frac{d}{dt} \int \mathbf{J} \cdot \mathbf{A} \, dV$ Formulation. IEEE Transactions on Magnetics, 2018, 54, 1-5.	2.1	8
104	New Dependence of NO Emissions on the Equivalence Ratio in Moderate or Intense Low-Oxygen Dilution Combustion. Energy & Fuels, 2018, 32, 12905-12918.	5.1	26
105	Low-Voltage Ride-Through Improvement in a DFIGBased Wind Turbine by Integrated Use of a SFCL and DC-link Regulation of a SMES System. , 2018, , .		0
106	Oxy-Fuel Combustion Characteristics of Pulverized Coal in a 3 MW Pilot-Scale Furnace. Energy & Fuels, 2018, 32, 10522-10529.	5.1	22
107	Numerical Simulation of a No-Insulation BSCCO Toroidal Magnet Applied in Magnetic Confinement Fusion. Science and Technology of Nuclear Installations, 2018, 2018, 1-10.	0.8	5
108	Design and Verification Test of a Flux-Coupling-Type Superconducting Fault Current Limiter. IEEE Transactions on Magnetics, 2018, 54, 1-5.	2.1	10

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109	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
110	Design and Verification Test of an HTS Leakage Flux-Controlled Reactor. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.7	4
111	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
112	Coordination of SMES, SFCL and Distributed Generation Units for Micro-Grid Stability Enhancement via Wireless Communications. IEEE Access, 2018, 6, 36699-36710.	4.2	12
113	The Supplementary Design Method of HTS SMES System Considering Voltage Distribution Characteristic. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.7	11
114	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
115	Verification of HTS SMES Lumped Parameter Network Model. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.7	8
116	Voltage Distribution Characteristic of a Flux-Coupling Superconducting Fault Current Limiter in Different Operating Conditions. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-6.	1.7	5
117	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
118	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
119	Performance and Analysis of No-Insulation HTS Toroidal Magnet. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.7	4
120	AC Loss Analysis of a Hybrid HTS Magnet for SMES Based on $\frac{1}{2}H^2$ -Formulation. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.7	24
121	A Coupling Simulation and Modeling Method for High Temperature Superconducting Magnets. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.7	2
122	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
123	Numerical and experimental investigation for cleaning process of submerged outside-in hollow fiber membrane. Water Science and Technology, 2017, 76, 1283-1299.	2.5	7
124	A Study on the Design and Comparison of 100-MJ-Class SMES Magnet With Different Coil Configurations. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-9.	1.7	18
125	Signal De-Noising of Quench Detection by Real-Time Wavelet Analysis Algorithm for HTS Coil and Magnet. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.7	5
126	Evaluation index system for photovoltaic systems statistical characteristics under hazy weather conditions in central China. IET Renewable Power Generation, 2017, 11, 1794-1803.	3.1	6

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127	Wind Generation Systems including Energy Storage. International Journal of Rotating Machinery, 2017, 2017, 1-2.	0.8	4
128	Enhancing LVRT Capability of DFIG-Based Wind Turbine Systems with SMES Series in the Rotor Side. International Journal of Rotating Machinery, 2017, 2017, 1-8.	0.8	10
129	Coordinated Control of Superconducting Fault Current Limiter and Superconducting Magnetic Energy Storage for Transient Performance Enhancement of Grid-Connected Photovoltaic Generation System. Energies, 2017, 10, 56.	3.1	14
130	Technical Evaluation of Superconducting Fault Current Limiters Used in a Micro-Grid by Considering the Fault Characteristics of Distributed Generation, Energy Storage and Power Loads. Energies, 2016, 9, 769.	3.1	15
131	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
132	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
133	An Automatic Compensation Method for Measuring the AC loss of a Superconducting Coil. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.7	5
134	Design and Simulation of HTS Coils With a New Structure for an Inductive Pulsed Power Generator. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.7	2
135	Comparison of Inductive and Resistive SFCL to Robustness Improvement of a VSC-HVDC System With Wind Plants Against DC Fault. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-8.	1.7	72
136	Improved Discretization-Based Decoupled Feedback Control for a Series-Connected Converter of SCC. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-6.	1.7	5
137	Application of a SFCL for Fault Ride-Through Capability Enhancement of DG in a Microgrid System and Relay Protection Coordination. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-8.	1.7	56
138	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
139	Voltage Distribution Characteristic of HTS SMES Magnet. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.7	12
140	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
141	Numerical Simulation and Experimental Validation of a Cooling Process in a 150-kJ SMES Magnet. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-7.	1.7	11
142	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
143	Application of SMES in the Microgrid Based on Fuzzy Control. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.7	44
144	Application of a hybrid energy storage system in the fast charging station of electric vehicles. IET Generation, Transmission and Distribution, 2016, 10, 1092-1097.	2.5	72

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145	Application of field-circuit coupled FEM in the design of a HTS controllable-reactor. , 2015, , .		3
146	Improved discretization-based decoupled feedback control for series connected converter of SCC. , 2015, , .		0
147	Stress Analysis and Bobbin Structure Optimization Design of a 35kV HTS-controllable Reactor. Physics Procedia, 2015, 65, 278-281.	1.2	1
148	Comparative study of inductive and resistive SFCL to mitigate the DC fault current in a VSC-HVDC system integrated with wind power farms. , 2015, , .		9
149	Operating parameters optimization of SMES considering transient thermal stability. , 2015, , .		0
150	Design and advanced control strategies of a hybrid energy storage system for the grid integration of wind power generations. IET Renewable Power Generation, 2015, 9, 89-98.	3.1	92
151	An evaluation method for small-scale conduction cooled SMES cryogenic cooling system based on thermal analysis. Cryogenics, 2015, 71, 30-38.	1.7	9
152	Development of a Movable HTS SMES System. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-9.	1.7	43
153	Application of Small-Sized SMES in an EV Charging Station With DC Bus and PV System. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-6.	1.7	58
154	An Experimental and Numerical Study on the Inductance Variation of HTS Magnets. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-5.	1.7	11
155	The Experimental Research and Analysis of a HTS SMES Hybrid Magnet. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-5.	1.7	10
156	Design of Superconductivity Windings of a 35-kV/3.5-MVA Single-Phase HTS-Controllable Reactor. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.7	8
157	100 kJ/50 kW HTS SMES for Micro-Grid. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-6.	1.7	33
158	Quench Detection Design for HTS SMES. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-5.	1.7	6
159	Status Evaluation Method for SMES Used in Power Grid. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-10.	1.7	18
160	Simulation on a micro-grid system based on superconducting magnetic energy storage. , 2014, , .		3
161	Design of 110kV/2kA High Temperature Superconducting Cable Termination Stress Cones. Advanced Materials Research, 2014, 1070-1072, 1011-1015.	0.3	0
162	The optimal allocation of D-SMES for enhancing transient stability of power system. , 2014, , .		0

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163	The Utilization of Genetic Algorithm on High Temperature Superconducting Magnet Design. <i>Advanced Materials Research</i> , 2014, 960-961, 382-385.	0.3	1
164	Reducing the Fault Current and Overvoltage in a Distribution System With Distributed Generation Units Through an Active Type SFCL. <i>IEEE Transactions on Applied Superconductivity</i> , 2014, 24, 1-5.	1.7	11
165	The Effect of Flux Diverters on Energy Storage Capacity and Heat Losses in a HTS SMES. <i>IEEE Transactions on Applied Superconductivity</i> , 2014, 24, 1-5.	1.7	12
166	Development of a Leakage Flux-Controlled Reactor. <i>IEEE Transactions on Applied Superconductivity</i> , 2014, 24, 1-5.	1.7	19
167	Numerical Simulation of Coupled Heat Transfer, Stress, and Electromagnetic Properties in an SMES Magnet. <i>IEEE Transactions on Applied Superconductivity</i> , 2014, 24, 1-5.	1.7	0
168	Conceptual Design of the Cryogenic System for a 12 MW Superconducting Wind Turbine Generator. <i>IEEE Transactions on Applied Superconductivity</i> , 2014, 24, 1-5.	1.7	5
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