

Li Ren

List of Publications by Year in descending order

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papers

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257450

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200
all docs

200
docs citations

200
times ranked

1508
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	SMES Based Excitation System for Doubly-Fed Induction Generator in Wind Power Application. IEEE Transactions on Applied Superconductivity, 2011, 21, 1105-1108.	1.7	66
6	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
7	SMES Based Dynamic Voltage Restorer for Voltage Fluctuations Compensation. IEEE Transactions on Applied Superconductivity, 2010, 20, 1360-1364.	1.7	57
8	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
9	Current Limiting Characteristics of a Novel Flux-Coupling Type Superconducting Fault Current Limiter. IEEE Transactions on Applied Superconductivity, 2010, 20, 1143-1146.	1.7	55
10	Discretization-Based Decoupled State-Feedback Control for Current Source Power Conditioning System of SMES. IEEE Transactions on Power Delivery, 2008, 23, 2097-2104.	4.3	46
11	Review on MILD Combustion of Gaseous Fuel: Its Definition, Ignition, Evolution, and Emissions. Energy & Fuels, 2021, 35, 7572-7607.	5.1	45
12	Application of SMES in the Microgrid Based on Fuzzy Control. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.7	44
13	Development of a Movable HTS SMES System. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-9.	1.7	43
14	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
15	Development of a Conduction-Cooled HTS SMES. IEEE Transactions on Applied Superconductivity, 2007, 17, 3846-3852.	1.7	33
16	100 kJ/50 kW HTS SMES for Micro-Grid. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-6.	1.7	33
17	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
18	Techno-Economic Evaluation of a Novel Flux-Coupling Type Superconducting Fault Current Limiter. IEEE Transactions on Applied Superconductivity, 2010, 20, 1242-1245.	1.7	29

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Analysis of the loss and thermal characteristics of a SMES (Superconducting Magnetic Energy) Tj ETQq1 1 0.784314 rgBT /Overlock 1 8.8gBT /28	1.7	28
22	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
23	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
24	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
25	AC Loss Analysis of a Hybrid HTS Magnet for SMES Based on H -Formulation. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.7	24
26	Optimal Equivalence Ratio to Minimize NO Emission during Moderate or Intense Low-Oxygen Dilution Combustion. Energy & Fuels, 2018, 32, 4478-4492.	5.1	24
27	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
28	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
29	Distribution of AC loss in a HTS magnet for SMES with different operating conditions. Physica C: Superconductivity and Its Applications, 2013, 494, 213-216.	1.2	22
30	Oxy-Fuel Combustion Characteristics of Pulverized Coal in a 3 MW Pilot-Scale Furnace. Energy & Fuels, 2018, 32, 10522-10529.	5.1	22
31	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
32	AC loss measurement of HTS coil under periodic current. Physica C: Superconductivity and Its Applications, 2020, 569, 1353562.	1.2	20
33	The Application of Active Superconducting DC Fault Current Limiter in Hybrid AC/DC Power Supply Systems. IEEE Transactions on Applied Superconductivity, 2008, 18, 672-675.	1.7	19
34	Development of a Leakage Flux-Controlled Reactor. IEEE Transactions on Applied Superconductivity, 2014, 24, 1-5.	1.7	19
35	Status Evaluation Method for SMES Used in Power Grid. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-10.	1.7	18
36	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

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37	Study of Resistive-Type Superconducting Fault Current Limiters for a Hybrid High Voltage Direct Current System. <i>Materials</i> , 2019, 12, 26.	2.9	18
38	Application of Flux-Coupling-Type Superconducting Fault Current Limiter on Shipboard MVDC Integrated Power System. <i>IEEE Transactions on Applied Superconductivity</i> , 2020, 30, 1-8.	1.7	18
39	Study on Coordination of Resistive SFCLs and Hybrid-Type Circuit Breakers to Protect a HVDC System With LCC and VSC Stations. <i>IEEE Transactions on Applied Superconductivity</i> , 2020, 30, 1-6.	1.7	18
40	Experimental Investigation of an Active Superconducting Current Controller. <i>IEEE Transactions on Applied Superconductivity</i> , 2011, 21, 1258-1262.	1.7	17
41	Conduction-Cooled YBCO HTS Current Lead for SMES Application. <i>IEEE Transactions on Applied Superconductivity</i> , 2010, 20, 1737-1740.	1.7	16
42	Numerical Model of HTS Cable and Its Electric-Thermal Properties. <i>IEEE Transactions on Applied Superconductivity</i> , 2019, 29, 1-5.	1.7	16
43	Reaction Characteristics and MILD Combustion of Residual Char in a Pilot-Scale Furnace. <i>Energy & Fuels</i> , 2019, 33, 12791-12800.	5.1	16
44	Determination of SMES capacity to enhance the dynamic stability of power system. <i>Physica C: Superconductivity and Its Applications</i> , 2010, 470, 1707-1710.	1.2	15
45	Laboratory and Field Tests of Movable Conduction-Cooled High-Temperature SMES for Power System Stability Enhancement. <i>IEEE Transactions on Applied Superconductivity</i> , 2013, 23, 5701607-5701607.	1.7	15
46	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. <i>Energies</i> , 2016, 9, 769.	3.1	15
47	Tests and Analysis of a Small-Scale Hybrid-Type DC SFCL Prototype. <i>IEEE Transactions on Applied Superconductivity</i> , 2018, 28, 1-6.	1.7	15
48	Active superconducting DC fault current limiter based on flux compensation. <i>Physica C: Superconductivity and Its Applications</i> , 2006, 442, 108-112.	1.2	14
49	Coordinated Control of Superconducting Fault Current Limiter and Superconducting Magnetic Energy Storage for Transient Performance Enhancement of Grid-Connected Photovoltaic Generation System. <i>Energies</i> , 2017, 10, 56.	3.1	14
50	Conceptual Design and Evaluation of an HTS Magnet for an SMES Used in Improving Transient Performance of a Grid-Connected PV System. <i>IEEE Transactions on Applied Superconductivity</i> , 2018, 28, 1-8.	1.7	14
51	Pareto optimal allocation of resistive-type fault current limiters in active distribution networks with inverter-interfaced and synchronous distributed generators. <i>Energy Science and Engineering</i> , 2019, 7, 2554-2571.	4.0	14
52	Temperature Characteristic of a Conduction-Cooled HTS SMES Magnet. <i>IEEE Transactions on Applied Superconductivity</i> , 2009, 19, 2044-2047.	1.7	13
53	Electromagnetic Characteristics Analysis of Air-Core Transformer Used in Voltage Compensation Type Active SFCL. <i>IEEE Transactions on Applied Superconductivity</i> , 2010, 20, 1194-1198.	1.7	13
54	Research on the Application of Superconducting Magnetic Energy Storage in Microgrids for Smoothing Power Fluctuation Caused by Operation Mode Switching. <i>IEEE Transactions on Applied Superconductivity</i> , 2018, 28, 1-6.	1.7	13

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55	Thermal Analysis of HTS Power Cable Using 3-D FEM Model. IEEE Transactions on Applied Superconductivity, 2013, 23, 5402404-5402404.	1.7	12
56	The Effect of Flux Diverters on Energy Storage Capacity and Heat Losses in a HTS SMES. IEEE Transactions on Applied Superconductivity, 2014, 24, 1-5.	1.7	12
57	Voltage Distribution Characteristic of HTS SMES Magnet. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.7	12
58	Electromagnetic Design and Performance Analysis of a Flux-Coupling-Type SFCL. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.7	12
59	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
60	Techno-Economic Feasibility Study on HTS Power Cables. IEEE Transactions on Applied Superconductivity, 2009, 19, 1774-1777.	1.7	11
61	Energy Function Based SMES Controller for Transient Stability Enhancement. IEEE Transactions on Applied Superconductivity, 2012, 22, 5701304-5701304.	1.7	11
62	Reducing the Fault Current and Overvoltage in a Distribution System With Distributed Generation Units Through an Active Type SFCL. IEEE Transactions on Applied Superconductivity, 2014, 24, 1-5.	1.7	11
63	An Experimental and Numerical Study on the Inductance Variation of HTS Magnets. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-5.	1.7	11
64	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
65	The Supplementary Design Method of HTS SMES System Considering Voltage Distribution Characteristic. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.7	11
66	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
67	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
68	Dimension Reduction Calculation Method of Toroidal Magnet. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-6.	1.7	11
69	A full spectrum k -distribution based weighted sum of gray gases model for pressurized oxy-fuel combustion. International Journal of Energy Research, 2021, 45, 3410-3420.	4.5	11
70	Experimental Study on the Performance Change of YBCO Tapes Under Repeated Overcurrent. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-10.	1.7	11
71	Electromagnetic and Thermal Design of a Conduction-Cooling 150 kJ/100 kW Hybrid SMES System. IEEE Transactions on Applied Superconductivity, 2013, 23, 5701404-5701404.	1.7	10
72	The Experimental Research and Analysis of a HTS SMES Hybrid Magnet. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-5.	1.7	10

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73	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
74	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
75	Design and Verification Test of a Flux-Coupling-Type Superconducting Fault Current Limiter. IEEE Transactions on Magnetics, 2018, 54, 1-5.	2.1	10
76	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
77	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
78	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
79	Superconducting Magnet Based VSC Suitable for Interface of Renewable Power Sources. IEEE Transactions on Applied Superconductivity, 2010, 20, 880-883.	1.7	9
80	Design of a Termination for the HTS Power Cable. IEEE Transactions on Applied Superconductivity, 2012, 22, 5800504-5800504.	1.7	9
81	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
82	An evaluation method for small-scale conduction cooled SMES cryogenic cooling system based on thermal analysis. Cryogenics, 2015, 71, 30-38.	1.7	9
83	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
84	Aggregate Control Strategy for Thermostatically Controlled Loads with Demand Response. Energies, 2019, 12, 683.	3.1	9
85	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
86	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
87	Verification of HTS SMES Lumped Parameter Network Model. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.7	8
88	Levitation Force Computation of HTS/PM System Based on $\frac{1}{2} \int \mathbf{J} \times \mathbf{B} \cdot d\mathbf{l}$ Formulation. IEEE Transactions on Magnetics, 2018, 54, 1-5.	2.1	8
89	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
90	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

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91	Applied Superconductivity and Electromagnetic Devices - Principles and Current Exploration Highlights. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-29.	1.7	8
92	The Conceptual Design of Hybrid High Temperature Superconducting Magnet. IEEE Transactions on Applied Superconductivity, 2012, 22, 4903005-4903005.	1.7	7
93	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
94	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
95	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
96	Experimental Analysis of Quench Characteristic in HTS Tapes and Coils. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-6.	1.7	7
97	Quench Detection Design for HTS SMES. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-5.	1.7	6
98	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
99	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
100	AC Loss Analysis of a Flux-Coupling Type Superconducting Fault Current Limiter. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.7	6
101	Dynamic Modeling on the Mode Switching Strategy of a 35 MW _{th} Oxy-fuel Combustion Pilot Plant. Energy & Fuels, 2020, 34, 2260-2271.	5.1	6
102	Performance Comparison of Three Types of SFCL in Shipboard MVDC IPS. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	6
103	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
104	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
105	A novel Current Control based VSC topology suitable for power transmission application. , 2009, , .		5
106	Conceptual Design of the Cryogenic System for a 12 MW Superconducting Wind Turbine Generator. IEEE Transactions on Applied Superconductivity, 2014, 24, 1-5.	1.7	5
107	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
108	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

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109	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
110	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
111	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
112	Experimental Research on Critical Current Behavior of Various Commercial HTS Tapes. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-6.	1.7	5
113	Voltage Distribution Research on Flux-Coupling-Type SFCL. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-5.	1.7	5
114	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
115	Critical Current Degradation Behavior of Coated Conductor Subjected to Repeat Overcurrent. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-6.	1.7	5
116	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
117	Virtual power plant implementation scheme in Shenzhen city. Environmental Progress and Sustainable Energy, 2021, 40, e13598.	2.3	5
118	A Novel Quench Detection Method Based on CNN-LSTM Model. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	5
119	Performance and Analysis of No-Insulation HTS Toroidal Magnet. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.7	4
120	Wind Generation Systems including Energy Storage. International Journal of Rotating Machinery, 2017, 2017, 1-2.	0.8	4
121	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
122	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
123	Design and Verification Test of an HTS Leakage Flux-Controlled Reactor. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.7	4
124	Optimal control strategy of load aggregators with demand response. Journal of Engineering, 2019, 2019, 1033-1036.	1.1	4
125	Analysis of Overcurrent Performance of YBCO Tape Considering Different Heat Exchange Conductions. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	4
126	Modeling and simulation of a permanent magnet brushless DC motor fed by PWM Z-source inverter. , 2007, , .		4

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127	Optimization of SMES-Battery Hybrid Energy Storage System for Wind Power Smoothing. , 2020, , .		4
128	A novel AC loss measurement method for HTS coils based on parameter identification. Superconductor Science and Technology, 2022, 35, 065021.	3.5	4
129	Dynamic Thermal Characteristics of a Conduction-Cooled HTS SMES System. Advanced Materials Research, 0, 732-733, 322-326.	0.3	3
130	Simulation on a micro-grid system based on superconducting magnetic energy storage. , 2014, , .		3
131	Evaluation of Three Designs for a 35-kV Class Superconducting Reactor. IEEE Transactions on Applied Superconductivity, 2014, 24, 1-5.	1.7	3
132	Application of field-circuit coupled FEM in the design of a HTS controllable-reactor. , 2015, , .		3
133	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
134	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
135	Capacity-Control Optimization of SMES in Distribution Networks With Renewable Energy. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-6.	1.7	3
136	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
137	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
138	Study on Energy Storage Magnet State Assessment Method Considering Temperature Rise. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-11.	1.7	3
139	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
140	The Influence of SMES Magnet Operation Parameters on Voltage Distribution Characteristic. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	3
141	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
142	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
143	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
144	A Coupling Simulation and Modeling Method for High Temperature Superconducting Magnets. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.7	2

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145	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
146	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
147	Power flow optimization of distribution network with HTS cable. , 2020, , .		2
148	Optimal Design and Thermal Analysis of Current Leads in Superconducting Energy Pipeline. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-10.	1.7	2
149	Research on Energy Management Scheme of Commercial Buildings Cluster Considering Demand Response. , 2020, , .		2
150	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
151	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
152	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
153	Research on DC overcurrent characteristics and life prediction of YBCO tapes. Superconductor Science and Technology, 2021, 34, 105007.	3.5	2
154	Research on M-SMES Temperature Equilibrium Control Strategies Considering State Assessment. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-8.	1.7	2
155	Study of DC Superconducting Current-Limiting Switch in MVDC Shipboard Power System. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	2
156	Improved State-Feedback Control for Current Source Converter of SMES. Advanced Materials Research, 0, 512-515, 1049-1054.	0.3	1
157	The Utilization of Genetic Algorithm on High Temperature Superconducting Magnet Design. Advanced Materials Research, 2014, 960-961, 382-385.	0.3	1
158	Stress Analysis and Bobbin Structure Optimization Design of a 35kV HTS-controllable Reactor. Physics Procedia, 2015, 65, 278-281.	1.2	1
159	Electromagnetic Calculation of a 35 kV/3.5 MVA Single-Phase HTS Controllable Reactor With Fieldâ€Circuit Coupled-FEM. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.7	1
160	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
161	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
162	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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163	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
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