

Shengnan Zou

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2825586/publications.pdf>

Version: 2024-02-01

18
papers

214
citations

1163117

8
h-index

996975

15
g-index

18
all docs

18
docs citations

18
times ranked

284
citing authors

#	ARTICLE	IF	CITATIONS
1	No-Insulation High-Temperature Superconductor Winding Technique for Electrical Aircraft Propulsion. IEEE Transactions on Transportation Electrification, 2020, 6, 1613-1624.	7.8	37
2	Simulation of Stacks of High-Temperature Superconducting Coated Conductors Magnetized by Pulsed Field Magnetization Using Controlled Magnetic Density Distribution Coils. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.7	31
3	Simulation and experiments of stacks of high temperature superconducting coated conductors magnetized by pulsed field magnetization with multi-pulse technique. Superconductor Science and Technology, 2017, 30, 014010.	3.5	23
4	Influence of Parameters on the Simulation of HTS Bulks Magnetized by Pulsed Field Magnetization. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.7	19
5	Method and Apparatus for Continuous J_c Examination of HTS Tape Using Magnetic Circuit. IEEE Transactions on Applied Superconductivity, 2011, 21, 3413-3416.	1.7	17
6	AC Losses and Their Thermal Effect in High-Temperature Superconducting Machines. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.7	16
7	Numerical Study on AC Loss Characteristics of REBCO Armature Windings in a 15-kW Class Fully HTS Generator. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-6.	1.7	15
8	Inductance of Low-Frequency Small-Scale High-Temperature Superconducting Coils. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-4.	1.7	13
9	Characterization of J_c Degradation in Bent YBCO Tapes. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.7	8
10	Improvement of bi-layered YBCO superconducting films by using Ag and Au interlayers. Ceramics International, 2020, 46, 3394-3399.	4.8	7
11	Continuous critical current measurement of high-temperature superconductor tapes with magnetic substrates using magnetic-circuit method. Review of Scientific Instruments, 2013, 84, 105106.	1.3	6
12	Investigations on Quench Recovery Characteristics of High-Temperature Superconducting Coated Conductors for Superconducting Fault Current Limiters. Electronics (Switzerland), 2021, 10, 259.	3.1	6
13	Examination and Analysis of Critical Current Uniformity of Long HTS Tapes by the MCoder. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.7	5
14	Optimization of Kiloampere Peltier Current Lead Using Orthogonal Experimental Design Method. Electronics (Switzerland), 2021, 10, 1054.	3.1	4
15	Design of HTS Coil for Magnetic Driving Spacecraft. IEEE Transactions on Applied Superconductivity, 2010, 20, 997-1000.	1.7	3
16	Analysis and Design of a New Hybrid Array for Magnetic Drug Targeting. IEEE Transactions on Magnetics, 2022, 58, 1-11.	2.1	3
17	Effective Measuring Position of Hall Probe and J_c Characterization of Rectangular HTS Thin Films. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.7	1
18	Feasible and Optimal Design of an Airborne High-Temperature Superconducting Generator Using Taguchi Method. Electronics (Switzerland), 2022, 11, 1901.	3.1	0