

# 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	Analysis and Design of a New Hybrid Array for Magnetic Drug Targeting. IEEE Transactions on Magnetics, 2022, 58, 1-11.	2.1	3
2	Feasible and Optimal Design of an Airborne High-Temperature Superconducting Generator Using Taguchi Method. Electronics (Switzerland), 2022, 11, 1901.	3.1	0
3	Investigations on Quench Recovery Characteristics of High-Temperature Superconducting Coated Conductors for Superconducting Fault Current Limiters. Electronics (Switzerland), 2021, 10, 259.	3.1	6
4	Optimization of Kiloampere Peltier Current Lead Using Orthogonal Experimental Design Method. Electronics (Switzerland), 2021, 10, 1054.	3.1	4
5	Improvement of bi-layered YBCO superconducting films by using Ag and Au interlayers. Ceramics International, 2020, 46, 3394-3399.	4.8	7
6	No-Insulation High-Temperature Superconductor Winding Technique for Electrical Aircraft Propulsion. IEEE Transactions on Transportation Electrification, 2020, 6, 1613-1624.	7.8	37
7	Effective Measuring Position of Hall Probe and $\langle \text{tex-math} \rangle \langle \text{notation}=\text{"LaTeX"} \rangle \langle \text{sub} \rangle \langle \text{c} \rangle \langle \text{/sub} \rangle \langle \text{/tex-math} \rangle$ Characterization of Rectangular HTS Thin Films. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.7	1
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 $\langle i \rangle \langle /i \rangle \langle \text{sub} \rangle \langle \text{c} \rangle \langle \text{/sub} \rangle$ Degradation in Bent YBCO Tapes. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.7	8
10	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
11	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
12	AC Losses and Their Thermal Effect in High-Temperature Superconducting Machines. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.7	16
13	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
14	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
15	Examination and Analysis of Critical Current Uniformity of Long HTS Tapes by the MOrder. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.7	5
16	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
17	Method and Apparatus for Continuous $\langle \text{sub} \rangle \langle \text{m c} \rangle \langle \text{/sub} \rangle$ Examination of HTS Tape Using Magnetic Circuit. IEEE Transactions on Applied Superconductivity, 2011, 21, 3413-3416.	1.7	17
18	Design of HTS Coil for Magnetic Driving Spacecraft. IEEE Transactions on Applied Superconductivity, 2010, 20, 997-1000.	1.7	3