

Siwei Chen

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

117
citations

1478505

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h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

148
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetization and screening current in an 800 MHz (18.8 T) REBCO nuclear magnetic resonance insert magnet: experimental results and numerical analysis. Superconductor Science and Technology, 2019, 32, 105007.	3.5	55
2	Experimental realization of open magnetic shielding. Applied Physics Letters, 2017, 110, .	3.3	14
3	Inductance of Low-Frequency Small-Scale High-Temperature Superconducting Coils. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-4.	1.7	13
4	Reel-to-Reel Scanning Hall Probe Microscope Measurement on REBCO Tapes. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-4.	1.7	8
5	Characterization of I_c Degradation in Bent YBCO Tapes. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-5.	1.7	8
6	A Reel-to-Reel Scanning Hall Probe Microscope for Characterizing Long REBCO Conductor in Magnetic Fields Up to 5 Tesla. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-6.	1.7	8
7	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
8	Scale Up of High-Performance REBCO Tapes in a Pilot-Scale Advanced MOCVD Tool With In-Line 2D-XRD System. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	3
9	Open Magnetic Shielding by Superconducting Technology. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-4.	1.7	2
10	Observation and Analysis of Defects in Impregnated YBCO Racetrack Coil. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-4.	1.7	1