

Wei Wu

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

60
citations

1936888

4
h-index

1588620

8
g-index

19
all docs

19
docs citations

19
times ranked

23
citing authors

#	ARTICLE	IF	CITATIONS
1	DCT&CCT Superconducting Multiplets for HIAF-HFRS. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.1	11
2	Electro-Thermal Coupling Model of Quench Protection With a Quench-Back for DCT&CCT Superconducting Magnets. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-6.	1.1	11
3	Superconducting Magnet Development for the HIAF Accelerator Complex. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.1	9
4	Design and Test of a Half-Aperture Canted-Cosine-Theta Multipole Prototype Magnet for the HIAF FRagment Separator. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.1	7
5	The Quench Detection System Based on Programmable FPGA and Its Application at IMP. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.1	4
6	Quench Behavior of Prototype Nb-Ti HL-LHC Dipole Canted Cos-Theta Orbit Corrector Magnets. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.1	4
7	Design, Fabrication and Test of a 1.5 T Cryogen-Free HTS Dipole Magnet for the Heavy Ion Spectrometer. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.1	3
8	Structure Design and Test of a Fast Ramp Multilayer Canted Cosine Theta (CCT) Magnet. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.1	3
9	Cryogenic Test Facility and the Indirect Pre-Cooling Method For HL-LHC MCBRD 4.5K Test At IMP. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.1	2
10	Mechanical Analysis and Validation of the Prototype of Nb ₃ Sn Superconducting Magnet Structure With Dummy Coils for FECR Ion Source. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-7.	1.1	2
11	Test of a Prototype Nb ₃ Sn Sextupole Coil for 45-GHz ECR Ion Source Using Mirror Structure. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.1	1
12	Structure Design and Analysis of Canted-Cosine-Theta (CCT) Superconducting Quadrupole Magnet. Shock and Vibration, 2021, 2021, 1-7.	0.3	1
13	Applied Superconductivity and Electromagnetic Devices - Large-Scale Applications and Availability. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-17.	1.1	1
14	The Magnetic Center Alignment Based on FECR Superconducting Ion-Source Magnet After Cryostat Installation. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-6.	1.1	1
15	Multi-field dependence responses and their micro-structure analysis in YBa ₂ Cu ₃ O _{7-x} -based second-generation coated conductors with different protective layers by Nd-laser irradiations. AIP Advances, 2020, 10, 035102.	0.6	0
16	Magnetic Measurements on the Twin Aperture Orbit Correctors for HL-LHC at IMP. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.1	0
17	The Study on the Quench Helium Release Process of HFRS Superconducting Magnet. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.1	0
18	Study on Forced Flow Cooling of Superconducting Magnet for Compact Synchrotron. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-6.	1.1	0

#	ARTICLE	IF	CITATIONS
19	First Test of a Full Length Nb ₃ Sn Sextupole Coil in a Mirror Structure for the FECR Ion Source. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.1	0