

Chengtao Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3742090/publications.pdf>

Version: 2024-02-01

17
papers

106
citations

1307594

7
h-index

1372567

10
g-index

17
all docs

17
docs citations

17
times ranked

75
citing authors

#	ARTICLE	IF	CITATIONS
1	20-T Dipole Magnet With Common-Coil Configuration: Main Characteristics and Challenges. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-4.	1.7	21
2	R&D steps of a 12-T common coil dipole magnet for SPPC pre-study. International Journal of Modern Physics A, 2016, 31, 1644018.	1.5	11
3	Electromagnetic Design, Fabrication, and Test of LPF1: A 10.2-T Common-Coil Dipole Magnet With Graded Coil Configuration. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-7.	1.7	10
4	3D Mechanical Design and Stress Analysis of 20 T Common-Coil Dipole Magnet for SppC. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.7	9
5	Fabrication and Test of Diameter 35 mm Iron-Based Superconductor Coils. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-4.	1.7	9
6	2-D Mechanical Design Study of a 20-T Two-in-One Common-Coil Dipole Magnet for High-Energy Accelerators. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.7	8
7	Mechanical Design, Assembly, and Test of LPF1: A 10.2 T Nb ₃ Sn Common-Coil Dipole Magnet With Graded Coil Configuration. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-8.	1.7	8
8	Electromagnetic Design Study of a 20-T Cos-Theta 2-in-1 Dipole Magnet for High-Energy Accelerators. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-5.	1.7	6
9	Mechanical Design of FECD1 at IHEP: a 12-T Hybrid Common-coil Dipole Magnet. IEEE Transactions on Applied Superconductivity, 2016, , 1-1.	1.7	4
10	Mechanical Design and Stress Analysis of LPF2: A 12-T Hybrid Common-Coil Dipole Magnet. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-5.	1.7	4
11	Electromagnetic Design and Fabrication of LPF2: A 12-T Hybrid Common-Coil Dipole Magnet With Inserted IBS Coil. IEEE Transactions on Applied Superconductivity, 2020, 30, 1-5.	1.7	4
12	Preliminary Strain Measurement in High Field Superconducting Magnets With Fiber Bragg Grating. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	4
13	The Development of HTS Solenoid Lens for Electron Microscope. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-6.	1.7	3
14	Effect of Bending Before Annealing on Current-Carrying Properties of Iron-Based Superconducting Tapes. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-4.	1.7	3
15	A Preliminary Study on a New Epoxy Resin IR-3 for High-Field Superconducting Magnet Applications. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.	1.7	2
16	Investigation of Adopting Shrink-Fit Multilayered Aluminum Shell in High-Field Common-Coil Accelerator Dipole Magnet. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-4.	1.7	0
17	R&D Steps of a 12-T Common Coil Dipole Magnet for SPPC Pre-study. , 2017, , 209-217.		0