

Frank

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3817287/publications.pdf>

Version: 2024-02-01

19
papers

145
citations

1307594

7
h-index

1199594

12
g-index

19
all docs

19
docs citations

19
times ranked

63
citing authors

#	ARTICLE	IF	CITATIONS
1	High field magnet facilities and projects at the Forschungszentrum Karlsruhe. IEEE Transactions on Applied Superconductivity, 2000, 10, 1542-1545.	1.7	24
2	Manufacture and Test of a 5 T Bi-2223 Insert Coil. IEEE Transactions on Applied Superconductivity, 2005, 15, 1484-1487.	1.7	21
3	Suitability of Bi-HTS wires for high field magnets. Physica C: Superconductivity and Its Applications, 2004, 401, 218-221.	1.2	14
4	Quench Considerations and Protection Scheme of a High Field HTS Dipole Insert Coil. IEEE Transactions on Applied Superconductivity, 2013, 23, 4600104-4600104.	1.7	14
5	Investigation of Bi-HTS wires for high field insert coils. IEEE Transactions on Applied Superconductivity, 2001, 11, 2304-2307.	1.7	11
6	Degradation of Bi-2223 Tape After Cooling With Superfluid Helium. IEEE Transactions on Applied Superconductivity, 2007, 17, 3117-3120.	1.7	11
7	Superconducting High Field Magnet Engineering at KIT. IEEE Transactions on Applied Superconductivity, 2010, 20, 624-627.	1.7	8
8	Development of superconducting and cryogenic technology in the Institute for Technical Physics (ITP) of the Research Center Karlsruhe. Cryogenics, 2002, 42, 735-770.	1.7	6
9	Error analysis of E(I)-measurements on NbTi-superconductors. Physica C: Superconductivity and Its Applications, 2004, 401, 255-259.	1.2	6
10	Microstructure and current-voltage characteristics of bronze processed niobium tin composites. IEEE Transactions on Applied Superconductivity, 2001, 11, 3675-3678.	1.7	5
11	Usage of Bi-HTS in High Field Magnets. IEEE Transactions on Applied Superconductivity, 2004, 14, 1102-1105.	1.7	5
12	Critical Current Distribution in Composite Superconductors. IEEE Transactions on Applied Superconductivity, 2007, 17, 3757-3760.	1.7	4
13	New coil configurations with 2G-HTS and benefits for applications. Superconductor Science and Technology, 2021, 34, 095006.	3.5	4
14	Current Sharing and Critical Current Distribution in Bi-2223 Tapes. IEEE Transactions on Applied Superconductivity, 2010, 20, 1589-1592.	1.7	3
15	Construction and Test of MgB ₂ Mock-Up Coils for LIQHYSMES. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.7	3
16	Future Upgrade of the Superconducting High Field Facility HOMER II to 25 T. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.7	2
17	Achievement of 26.5 T at 1.8 K and 24.0 T at 4.4 K in a Free Bore of 68-mm Diameter: Successful Commissioning of the HOMER II LTS/HTS High-Field Facility Upgrade. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.7	2
18	Upgrade of the 15 T JUMBO Facility for Time Dependent High Resolution $\mu(I)$ -Measurements. IEEE Transactions on Applied Superconductivity, 2009, 19, 3605-3608.	1.7	1

#	ARTICLE	IF	CITATIONS
19	From Double-Pancake Coils to a Layer Wound 5 T REBCO-HTS High Field Insert Coil Design. IEEE Transactions on Applied Superconductivity, 2017, 27, 1-4.	1.7	1