

# Frank

## List of Publications by Year in descending order

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19  
papers

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citations

1307594

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1199594

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19  
all docs

19  
docs citations

19  
times ranked

63  
citing authors

#	ARTICLE	IF	CITATIONS
1	New coil configurations with 2G-HTS and benefits for applications. Superconductor Science and Technology, 2021, 34, 095006.	3.5	4
2	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
3	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
4	Construction and Test of MgB <sub>2</sub> Mock-Up Coils for LIQHYSMES. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.7	3
5	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
6	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
7	Current Sharing and Critical Current Distribution in Bi-2223 Tapes. IEEE Transactions on Applied Superconductivity, 2010, 20, 1589-1592.	1.7	3
8	Superconducting High Field Magnet Engineering at KIT. IEEE Transactions on Applied Superconductivity, 2010, 20, 624-627.	1.7	8
9	Upgrade of the 15 T JUMBO Facility for Time Dependent High Resolution $I(I)$ -Measurements. IEEE Transactions on Applied Superconductivity, 2009, 19, 3605-3608.	1.7	1
10	Critical Current Distribution in Composite Superconductors. IEEE Transactions on Applied Superconductivity, 2007, 17, 3757-3760.	1.7	4
11	Degradation of Bi-2223 Tape After Cooling With Superfluid Helium. IEEE Transactions on Applied Superconductivity, 2007, 17, 3117-3120.	1.7	11
12	Manufacture and Test of a 5 T Bi-2223 Insert Coil. IEEE Transactions on Applied Superconductivity, 2005, 15, 1484-1487.	1.7	21
13	Usage of Bi-HTS in High Field Magnets. IEEE Transactions on Applied Superconductivity, 2004, 14, 1102-1105.	1.7	5
14	Suitability of Bi-HTS wires for high field magnets. Physica C: Superconductivity and Its Applications, 2004, 401, 218-221.	1.2	14
15	Error analysis of $E(I)$ -measurements on NbTi-superconductors. Physica C: Superconductivity and Its Applications, 2004, 401, 255-259.	1.2	6
16	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
17	Investigation of Bi-HTS wires for high field insert coils. IEEE Transactions on Applied Superconductivity, 2001, 11, 2304-2307.	1.7	11
18	Microstructure and current-voltage characteristics of bronze processed niobium tin composites. IEEE Transactions on Applied Superconductivity, 2001, 11, 3675-3678.	1.7	5

#	ARTICLE	IF	CITATIONS
19	High field magnet facilities and projects at the Forschungszentrum Karlsruhe. IEEE Transactions on Applied Superconductivity, 2000, 10, 1542-1545.	1.7	24