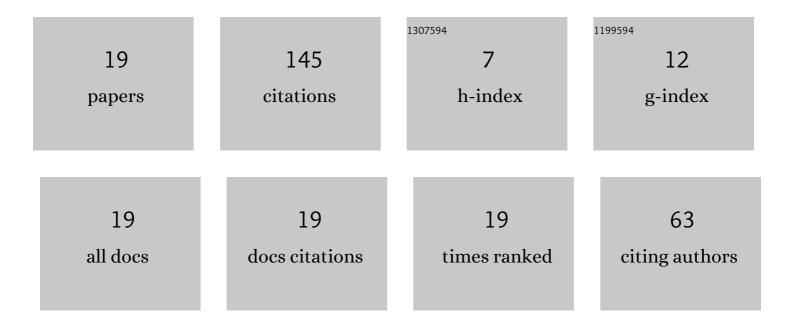
## Frank

## List of Publications by Year in descending order

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| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | High field magnet facilities and projects at the Forschungszentrum Karlsruhe. IEEE Transactions on<br>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<br>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.<br>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 <sub>2</sub> 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<br>Commissioning of the HOMER II LTS/HTS High-Field Facility Upgrade. IEEE Transactions on Applied<br>Superconductivity, 2021, 31, 1-5. | 1.7 | 2         |
| 18 | Upgrade of the 15 T JUMBO Facility for Time Dependent High Resolution \$U(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<br>Transactions on Applied Superconductivity, 2017, 27, 1-4. | 1.7 | 1         |

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