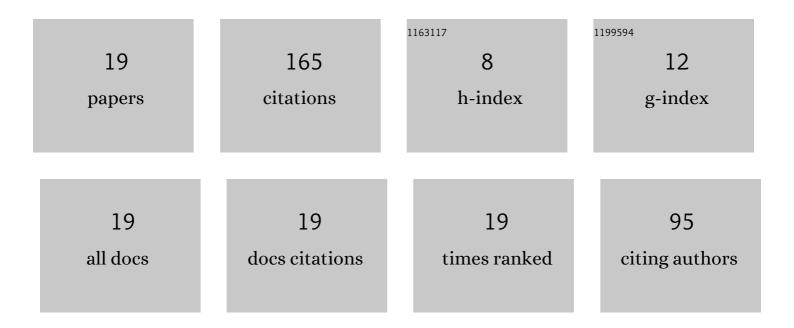
## Takanori Motoki

List of Publications by Year in descending order

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| #  | Article   | IF                | CITATIONS            |
|----|---|-------------------|----------------------|
| 1  | Critical current improvement and resistance evaluation of superconducting joint between Bi2223 tapes. Superconductor Science and Technology, 2022, 35, 02LT02.  | 3.5               | 11                   |
| 2  | Development of a Persistent Current Mode 9.39 T (400 MHz) LTS/Bi-2223 NMR Magnet With a Bi-2223 Superconducting Joint. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-5.   | 1.7               | 6                    |
| 3  | Development of homogeneous and high-performance REBCO bulks with various shapes by the single-direction melt growth (SDMG) method. Superconductor Science and Technology, 2022, 35, 094003.                                   | 3.5               | 7                    |
| 4  | Fabrication of high Jc Bi2223 thick films through grain alignment technique using a permanent magnet.<br>Physica C: Superconductivity and Its Applications, 2021, 584, 1353873.   | 1.2               | 4                    |
| 5  | Breakthrough in the reduction of oxygen-annealing time for REBCO melt-textured bulks under an oxygen atmosphere containing water vapor. Superconductor Science and Technology, 2020, 33, 034008.                              | 3.5               | 10                   |
| 6  | Fabrication of high-performance YBa <sub>2</sub> Cu <sub>3</sub> Oy melt-textured bulks with selective grain growth. Applied Physics Express, 2020, 13, 093002.   | 2.4               | 7                    |
| 7  | Synthesis of thick YBCO films up to 3.0 μm on metallic substrates by a fluorine-free metal organic decomposition method. Superconductor Science and Technology, 2019, 32, 115003.   | 3.5               | 5                    |
| 8  | Promotion of Epitaxial Growth and Enhanced <italic>J</italic> c by Coaddition of Br and Metals (Zr,) Tj ETQq0 0<br>Superconductivity, 2019, 29, 1-4.  | 0 rgBT /Ov<br>1.7 | verlock 10 Tf 5<br>1 |
| 9  | High <i>I</i> <sub>c</sub> superconducting joint between Bi2223 tapes. Applied Physics Express, 2019, 12, 023003.   | 2.4               | 29                   |
| 10 | Greatly enhanced flux pinning properties of fluorine-free metal–organic decomposition YBCO films by<br>co-addition of halogens (Cl, Br) and metals (Zr, Sn, Hf). Superconductor Science and Technology, 2018,<br>31, 044004.  | 3.5               | 9                    |
| 11 | A new carbon source MgB 2 C 2 for the synthesis of carbon-doped MgB 2 materials. Solid State Communications, 2018, 281, 53-56.  | 1.9               | 7                    |
| 12 | Development of high <i>J</i> <sub>c</sub> Bi2223/Ag thick film materials prepared by heat treatment<br>under low <i>P</i> <sub>O2</sub> . Superconductor Science and Technology, 2018, 31, 074002.                            | 3.5               | 13                   |
| 13 | Fabrication of Bi2223 bulks with high critical current properties sintered in Ag tubes. Physica C:<br>Superconductivity and Its Applications, 2017, 534, 9-12.  | 1.2               | 6                    |
| 14 | Potential for improvement of pinning properties for REBCO melt-textured bulks by high energy electron irradiation. Physica C: Superconductivity and Its Applications, 2017, 537, 5-9.   | 1.2               | 1                    |
| 15 | Dramatic effects of chlorine addition on expanding synthesis conditions for fluorine-free<br>metal–organic decomposition YBa <sub>2</sub> Cu <sub>3</sub> O <sub>y</sub> films. Applied Physics<br>Express, 2017, 10, 023102. | 2.4               | 12                   |
| 16 | Effects of densification of precursor pellets on microstructures and critical current properties of YBCO melt-textured bulks. Physica C: Superconductivity and Its Applications, 2016, 531, 79-84.                            | 1.2               | 3                    |
| 17 | Microstructures and improved <i>J</i> <sub>c</sub> – <i>H</i> characteristics of Cl-containing YBCO<br>thin films prepared by the fluorine-free MOD method. Superconductor Science and Technology, 2016,<br>29, 015006.       | 3.5               | 13                   |
| 18 | Dramatic effects of chlorine doping on <i>J</i> <sub>c</sub> and microstructure of fluorine-free MOD<br>Y123 thin films. Superconductor Science and Technology, 2014, 27, 095017.   | 3.5               | 12                   |

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Critical Current Properties of FF-MOD RE123 Thin Films Sintered for Short Time. IEEE Transactions on Applied Superconductivity, 2013, 23, 7500804-7500804. | 1.7 | 9         |