

# Takashi Nakamura

## List of Publications by Year in descending order

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12  
papers

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citations

1163117

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docs citations

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times ranked

167  
citing authors

#	ARTICLE	IF	CITATIONS
1	NMR Relaxometry Using Outer Field of Single-Sided HTS Bulk Magnet Activated by Pulsed Field. IEEE Transactions on Applied Superconductivity, 2022, 32, 1-4.	1.7	2
2	Detection of $^1\text{H}$ NMR signal in a trapped magnetic field of a compact tubular $\text{MgB}_2$ superconductor bulk. Superconductor Science and Technology, 2021, 34, 06LT02.	3.5	11
3	Influence of Inner Diameter and Height of Ring-Shaped REBaCuO Bulks on Trapped Field and Mechanical Stress During Field-Cooled Magnetization. IEEE Transactions on Applied Superconductivity, 2019, 29, 1-6.	1.7	4
4	Trapped Field Characteristics and Fracture Behavior of REBaCuO Bulk Ring During Pulsed Field Magnetization. IEEE Transactions on Applied Superconductivity, 2016, 26, 1-5.	1.7	31
5	Development of a superconducting bulk magnet for NMR and MRI. Journal of Magnetic Resonance, 2015, 259, 68-75.	2.1	107
6	A gradient coil design for a high-temperature superconducting bulk magnet using the finite-difference method. Superconductor Science and Technology, 2015, 28, 095010.	3.5	4
7	Drastic improvement of the trapped field homogeneity in a superconducting hollow bulk by the insertion of a high- $J_c$ superconducting cylinder for NMR bulk magnets. Superconductor Science and Technology, 2015, 28, 095018.	3.5	17
8	Strong Magnetic Field Generator Containing HTS Bulk Magnets and Compact Refrigerators. IEEE Transactions on Applied Superconductivity, 2014, 24, 1-4.	1.7	24
9	Experimental evaluation of the magnetization process in a high $T_c$ bulk superconducting magnet using magnetic resonance imaging. Physica C: Superconductivity and Its Applications, 2013, 492, 174-177.	1.2	10
10	Development of a magnetic resonance microscope using a high $T_c$ bulk superconducting magnet. Applied Physics Letters, 2011, 98, .	3.3	82
11	Preparation and properties of $\text{Eu-Ba-Cu-O}$ superconducting bulk magnets for NMR application. Physica C: Superconductivity and Its Applications, 2008, 468, 1451-1455.	1.2	8
12	Development of a superconducting magnet for nuclear magnetic resonance using bulk high-temperature superconducting materials. Concepts in Magnetic Resonance Part B, 2007, 31B, 65-70.	0.7	95