

Masahiko Hayashi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5599172/publications.pdf>

Version: 2024-02-01

19
papers

91
citations

1478505

6
h-index

1474206

9
g-index

19
all docs

19
docs citations

19
times ranked

68
citing authors

#	ARTICLE	IF	CITATIONS
1	Theory of the Strain Engineering of Graphene Nanoconstrictions. Journal of the Physical Society of Japan, 2021, 90, 023701.	1.6	1
2	Transport Properties of Zigzag Ribbons Composed of Two-Dimensional Quantum Spin Hall Insulators with a Single Magnetic Impurity. Journal of the Physical Society of Japan, 2020, 89, 043702.	1.6	3
3	Magnetic Phase Diagram of a Superconducting Bilayer Disk: Effects of Geometrical Modification. Journal of the Physical Society of Japan, 2020, 89, 104701.	1.6	4
4	SQUID microscopy for mapping vector magnetic fields. Superconductor Science and Technology, 2019, 32, 115006.	3.5	2
5	A Model of Competing Orders and Its Application to a Novel Junction. Journal of Superconductivity and Novel Magnetism, 2019, 32, 3407-3413.	1.8	0
6	Effects of Interlayer Coupling on the Magnetic Flux of Vortices in Bi-layer Superconductors. Journal of the Physical Society of Japan, 2019, 88, 035002.	1.6	3
7	Effects of Fluctuations on the Phase Diagram of the $t\text{-}J$ Model. Journal of the Physical Society of Japan, 2019, 88, 094703.	1.6	0
8	Confined vortices in <i>de facto</i> mesoscopic $\text{Mo}_{80}\text{Ge}_{20}$ disks with sector defects. Superconductor Science and Technology, 2018, 31, 125009.	3.5	2
9	Time-Dependent Ginzburg-Landau Equation and Boltzmann Transport Equation for Charge-Density-Wave Conductors. Journal of the Physical Society of Japan, 2016, 85, 084709.	1.6	1
10	Vector Pickup System Customized for Scanning SQUID Microscopy. IEEE Transactions on Applied Superconductivity, 2015, 25, 1-4.	1.7	6
11	Vortex Doping Into Superconducting $\text{Mo}_{80}\text{Ge}_{20}$ Square Network. IEEE Transactions on Magnetics, 2014, 50, 1-4.	2.1	2
12	Vortex imaging in amorphous $\text{Mo}_{80}\text{Ge}_{20}$ pentagons. Physica C: Superconductivity and Its Applications, 2013, 494, 99-101.	1.2	10
13	Direct observation of vortices by scanning SQUID microscope on small superconducting $\text{Mo}_{80}\text{Ge}_{20}$ circular disks. Physica C: Superconductivity and Its Applications, 2013, 484, 86-90.	1.2	14
14	Theory of Antiferromagnetic Order in High-Tc Oxides: An Approach Based on Ginzburg-Landau Expansion. Journal of the Physical Society of Japan, 2013, 82, 124705.	1.6	2
15	Complete tailor-made inverse filter for image processing of scanning SQUID microscope. Applied Physics Letters, 2012, 100, 182601.	3.3	7
16	Theoretical study of superconducting proximity effect in single and multi-layered graphene. Physica C: Superconductivity and Its Applications, 2010, 470, S846-S847.	1.2	5
17	Domain-wall structure of a classical Heisenberg ferromagnet on a Möbius strip. Physical Review B, 2008, 78, .	3.2	9
18	Mixed state of charge-density waves in ring-shaped single crystals. Physical Review B, 2007, 76, .	3.2	5

#	ARTICLE	IF	CITATIONS
19	Topological Dislocations and Mixed State of Charge Density Waves. Physical Review Letters, 1996, 77, 3403-3406.	7.8	15