

Ryuta Watanuki

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Unexpectedly Large Contribution of Oxygen to Charge Compensation Triggered by Structural Disorder: Detailed Experimental and Theoretical Study on a Li_3NbO_4 - NiO Binary System. ACS Central Science, 2022, 8, 775-794.	11.3	10
2	Spin glass behavior and magnetic boson peak in a structural glass of a magnetic ionic liquid. Scientific Reports, 2021, 11, 12098.	3.3	9
3	High-speed epitaxial growth of $\text{Y}_3\text{Fe}_5\text{O}_{12}$ thick film with high magnetization on (4 2 0) $\text{Y}_3\text{Al}_5\text{O}_{12}$ substrate using metal-organic chemical vapor deposition. Materials Letters, 2020, 276, 128228.	2.6	3
4	Improved accuracy in high-frequency AC transport measurements in pulsed high magnetic fields. Review of Scientific Instruments, 2020, 91, 125107.	1.3	4
5	High-speed epitaxial growth of M-type Strontium hexaferrite films on sapphire using metal-organic chemical vapor deposition and their magnetic property. Materials Letters, 2020, 274, 128046.	2.6	9
6	Redetermination of the crystal structure of R_5Si_4 ($\text{R} = \text{Pr}, \text{Nd}$) from single-crystal X-ray diffraction data. Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 510-513.	0.5	0
7	Li/Na Storage Properties of Disordered Carbons Synthesized by Mechanical Milling. Electrochemistry, 2019, 87, 276-280.	1.4	8
8	Magnetic Structure and Quadrupolar Order Parameter Driven by Geometrical Frustration Effect in NdB_4 . Journal of the Physical Society of Japan, 2017, 86, 044705.	1.6	15
9	Field-induced phase transitions and magnetoferroelectricity in the perfect triangular lattice antiferromagnet $\text{RbFe}(\text{MoO}_4)_2$ in a vertical magnetic field. Journal of Magnetism and Magnetic Materials, 2016, 400, 70-72.	2.3	2
10	Powder neutron diffraction study of HoCoGa_5 . Journal of the Korean Physical Society, 2013, 63, 337-340.	0.7	4
11	Coexistence of Ising and XY Spin Systems on a Single Tb Atom in TbCoGa_5 . Journal of the Physical Society of Japan, 2013, 82, 044713.	1.6	0
12	Elastic Constants of NdCu_2Ge_2 . Journal of Physics: Conference Series, 2012, 400, 032078.	0.4	0
13	Elastic Constants of DyRhIn_5 . Journal of Physics: Conference Series, 2012, 391, 012059.	0.4	0
14	Elastic Properties of TbCoGa_5 under Magnetic Field. Journal of the Physical Society of Japan, 2011, 80, SA082.	1.6	1
15	Powder Neutron Diffraction Study of TbCoGa_5 . Journal of the Physical Society of Japan, 2011, 80, SA083.	1.6	4
16	NMR determination of noncollinear antiferromagnetic structure in TbCoGa_5 . $\text{Pr}_{1-x}\text{Gd}_x\text{B}_4$. Physical Review B, 2011, 84, .	3.2	8
17	Competition between ferromagnetic and antiferromagnetic interactions in $\text{Pr}_{1-x}\text{Gd}_x\text{B}_4$. Journal of Physics: Conference Series, 2009, 176, 012040.	0.4	0
18	Successive component-separated magnetic transition in TbCoGa_5 . Journal of Physics: Conference Series, 2009, 150, 042172.	0.4	2

#	ARTICLE	IF	CITATIONS
19	Successive Magnetic Orderings of Rectangular Components Caused by Conservation of Paraquadrupolar State in Magnetically Ordered Phase in TbCoGa ₅ . Journal of the Physical Society of Japan, 2009, 78, 073709.	1.6	13
20	Possible multipolar transition in NdB ₄ . Journal of Physics: Conference Series, 2009, 150, 042229.	0.4	20
21	Dilatometric Measurements and Multipole Ordering in DyB ₂ C ₂ and HoB ₂ C ₂ . Journal of the Physical Society of Japan, 2005, 74, 1666-1669.	1.6	9
22	Magnetic anisotropy of antiferro-quadrupole ordering in tetragonal HoB ₂ C ₂ . Physica B: Condensed Matter, 2005, 359-361, 959-961.	2.7	0
23	Magnetic phase diagram of antiferroquadrupole ordering in HoB ₂ C ₂ . Physical Review B, 2005, 71, .	3.2	13
24	Geometrical Quadrupolar Frustration in DyB ₄ . Journal of the Physical Society of Japan, 2005, 74, 2169-2172.	1.6	90
25	Magnetic properties of DyB ₂ C, HoB ₂ C, and ErB ₂ C. Physical Review B, 2004, 69, .	3.2	11
26	¹¹ B NMR study in the tetragonal compound CeB ₂ C ₂ . Physica B: Condensed Matter, 2003, 329-333, 649-650.	2.7	4
27	Ultrasonic study of antiferro-quadrupole ordering in HoB ₂ C ₂ . Physica B: Condensed Matter, 2003, 329-333, 624-625.	2.7	0
28	Elastic constants of antiferro-quadrupole ordering system DyB ₂ C ₂ . Physica B: Condensed Matter, 2003, 329-333, 641-642.	2.7	9
29	Quadrupole and lattice effects of orbitally degenerate 4f-electron systems. Journal of Physics Condensed Matter, 2003, 15, S2101-S2107.	1.8	1
30	de Haas-van Alphen Effect in LaB ₂ C ₂ . Journal of the Physical Society of Japan, 2002, 71, 693-696.	1.6	5
31	Quadrupole Susceptibility of HoB ₂ C ₂ . Journal of the Physical Society of Japan, 2002, 71, 88-90.	1.6	3
32	¹¹ B NMR Study of CeB ₂ C ₂ . Journal of the Physical Society of Japan, 2002, 71, 97-99.	1.6	1
33	Magnetic properties and electronic structure of CeB ₂ C ₂ . Journal of Alloys and Compounds, 2001, 317-318, 302-305.	5.5	3
34	Metal Borocarbides as Novel f-Electronic Systems. Molecular Crystals and Liquid Crystals, 2000, 340, 383-388.	0.3	2