

Noriaki Hanasaki

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A large negative magnetoresistance effect in semiconducting crystals composed of an octahedrally ligated phthalocyanine complex with high-spin manganese ($S = 2$). RSC Advances, 2022, 12, 17944-17949.	3.6	0
2	An electrically conducting molecular crystal composed of a magnetic iron(III) complex ($S = 1/2$) with a large aromatic ligand, 1,2-naphthalocyanine (C _{4h} isomer): towards the development of molecular spintronics. Dalton Transactions, 2021, 50, 5789-5794.	3.3	1
3	Tunable spin-valley coupling in layered polar Dirac metals. Communications Materials, 2021, 2, .	6.9	7
4	Enhancing Thermopower and Nernst Signal of High-Mobility Dirac Carriers by Fermi Level Tuning in the Layered Magnet EuMnBi ₂ . Advanced Functional Materials, 2021, 31, 2102275.	14.9	8
5	Variation of charge dynamics upon antiferromagnetic transitions in the Dirac semimetal EuMnBi ₂ . Physical Review B, 2021, 104, .		
6	Element dependence of local disorder in medium-entropy alloy CrCoNi. AIP Advances, 2021, 11, .	1.3	4
7	Ta ¹⁸¹ nuclear quadrupole resonance study of the noncentrosymmetric superconductor PbTaSe ₂ . Physical Review B, 2020, 102, .	3.2	3
8	Angular Dependence of Interlayer Magnetoresistance for Antiferromagnetic Dirac Semimetal AMnBi ₂ (A = Sr, Eu). , 2020, , .		1
9	Bulk quantum Hall effect of spin-valley coupled Dirac fermions in the polar antiferromagnet BaMnSb ₂ . Physical Review B, 2020, 101, .	3.2	26
10	Angle-dependent nontrivial phase in the Weyl semimetal NbAs with anisotropic Fermi surface. Physical Review B, 2020, 101, .	3.2	4
11	Resonant X-ray Diffraction Study of Antiferromagnetic Transition in GdNiC ₂ . , 2020, , .		1
12	Large Enhancement of Thermoelectric Efficiency Due to a Pressure-Induced Lifshitz Transition in SnSe. Physical Review Letters, 2019, 122, 226601.	7.8	46
13	Intermolecular interactions of tetrabenzoporphyrin- and phthalocyanine-based charge-transfer complexes. Dalton Transactions, 2019, 48, 17723-17728.	3.3	5
14	An electrically conducting crystal composed of an octahedrally ligated porphyrin complex with high-spin iron(III). Dalton Transactions, 2018, 47, 4070-4075.	3.3	3
15	Quantitative evaluation of Dirac physics in PbTe. Physical Review B, 2018, 98, .	3.2	12
16	Nanoscale ice-type structural fluctuation in spinel titanates. Physical Review B, 2018, 98, .	3.2	11
17	Microwave nonreciprocity of magnon excitations in the noncentrosymmetric antiferromagnet Ba ₂ Bi ₂ O ₇ . Physical Review B, 2018, 98, .		
18	Enhanced magnetoresistance in the binary semimetal NbAs ₂ due to improved crystal quality. Physical Review Materials, 2018, 2, .		

#	ARTICLE	IF	CITATIONS
19	Synthesis and Characterization of Iodide-coordinated Dinuclear Molecular Single Crystal $\text{Cr}_2(\mu\text{-I})_2\text{I}_4(\text{C}_8\text{N}_2\text{H}_4)_4$. Chemistry Letters, 2017, 46, 554-556.		1
20	PVD thin film growth of $\text{M}(\text{Pc})(\text{CN})_2$ axially substituted metal-phthalocyanines. Journal of Porphyrins and Phthalocyanines, 2017, 21, 739-744.	0.8	0
21	Axially Ligated Phthalocyanine Conductors with Magnetic Moments. Magnetochemistry, 2017, 3, 18.	2.4	5
22	A giant negative magnetoresistance effect in an iron tetrabenzoporphyrin complex. Dalton Transactions, 2016, 45, 16604-16609.	3.3	7
23	Observation of all-in type tetrahedral displacements in nonmagnetic pyrochlore niobates. Physical Review B, 2016, 93, .	3.2	6
24	Phthalocyanine-Based Single-Component Molecular Conductor $[\text{Mn}^{\text{III}}(\text{Pc})(\text{CN})_2]_2\text{O}$. Inorganic Chemistry, 2016, 55, 7314-7316.	4.0	5
25	Multiple charge density wave transitions in the antiferromagnets Ni_2C . Physical Review B, 2016, 93, .	3.5	35
26	Effect of Localized Spin Concentration on Giant Magnetoresistance in Molecular Conductor $\text{TPP}[\text{Fe}^x\text{Co}^{\text{I}}]_2(\text{Pc})(\text{CN})_2$. Journal of the Physical Society of Japan, 2016, 85, 024713.	1.6	11
27	High Magnetic Field Study on Giant Negative Magnetoresistance in the Molecular Conductor $\text{TPP}[\text{Cr}(\text{Pc})(\text{CN})_2]_2$. Journal of the Physical Society of Japan, 2016, 85, 064713.	1.6	7
28	Giant ferromagnetic I^{d} in a phthalocyanine molecule. Physical Review B, 2015, 92, .	3.2	21
29	Metal-Insulator Transition and Thermoelectric Properties in Hexagonal Barium Titanates. , 2014, , .		0
30	Ligand and Charge Dependence for Absorption Edge in XANES Spectra of $\text{TPP}[\text{Fe}(\text{Pc})\text{L}_2]_2$ Systems. , 2014, , .		0
31	Metamagnetic Transition and Its Related Magnetocapacitance Effect in Phthalocyanine-Molecular Conductor Exhibiting Giant Magnetoresistance. Journal of the Physical Society of Japan, 2013, 82, 094713.	1.6	7
32	Magnetic Torque Experiments on $\text{TPP}[\text{Fe}(\text{Pc})\text{L}_2]_2$ ($\text{L} = \text{Br}$ and Cl): Antiferromagnetic Short-Range Ordering of I^{d} Electrons, Antiferromagnetic Ordering of I^{e} Electrons, and Anisotropy Energy. Journal of the Physical Society of Japan, 2013, 82, 034719.	1.6	6
33	Thermoelectric Effect in Hexagonal Tungsten Oxides. Journal of the Physical Society of Japan, 2012, 81, SB028.	1.6	3
34	XANES Analysis of Phthalocyanine Molecular Conductor. E-Journal of Surface Science and Nanotechnology, 2012, 10, 92-96.	0.4	1