Noriaki Hanasaki

List of Publications by Year
in descending order

34	273	1163117 8	940533 16
papers	citations	h-index	g-index

34	34	34	411
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Large Enhancement of Thermoelectric Efficiency Due to a Pressure-Induced Lifshitz Transition in SnSe. Physical Review Letters, 2019, 122, 226601.	7.8	46
2	Multiple charge density wave transitions in the antiferromagnets<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>R</mml:mi><mml:msub><mml:mi>NiC</mml:mi><mml:m xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mo>(</mml:mo><mml:mrow><mml:mi>R</mml:mi><mml:mo>=</mml:mo Physical Review B, 2016, 93, .	3.2	35
3	Bulk quantum Hall effect of spin-valley coupled Dirac fermions in the polar antiferromagnet BaMnSb2. Physical Review B, 2020, 101, .	3.2	26
4	Giant ferromagnetic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Ï€</mml:mi><mml:mo>â^'</mml:mo><mml:mi>d</mml:mi><mml:m in a phthalocyanine molecule. Physical Review B, 2015, 92, .	3.2	21
5	Microwave nonreciprocity of magnon excitations in the noncentrosymmetric antiferromagnet <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Ba</mml:mi><mml:mn>2</mml:mn><mml:mi mathvariant="normal">O</mml:mi><mml:mn>7</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2018, 98, .	3.2	13
6	Quantitative evaluation of Dirac physics in PbTe. Physical Review B, 2018, 98, .	3.2	12
7	Effect of Localized Spin Concentration on Giant Magnetoresistance in Molecular Conductor TPP[Fe_xCo_{1â^'}_x(Pc)(CN)₂]₂. Journal of the Physical Society of Japan, 2016, 85, 024713.	1.6	11
8	Nanoscale ice-type structural fluctuation in spinel titanates. Physical Review B, 2018, 98, .	3.2	11
9	Enhanced magnetoresistance in the binary semimetal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>NbAs</mml:mi><mml:mn>2</mml:mn></mml:msub></m due to improved crystal quality. Physical Review Materials, 2018, 2, .	2.4	9
10	Enhancing Thermopower and Nernst Signal of Highâ€Mobility Dirac Carriers by Fermi Level Tuning in the Layered Magnet EuMnBi₂. Advanced Functional Materials, 2021, 31, 2102275.	14.9	8
11	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
12	A giant negative magnetoresistance effect in an iron tetrabenzoporphyrin complex. Dalton Transactions, 2016, 45, 16604-16609.	3.3	7
13	High Magnetic Field Study on Giant Negative Magnetoresistance in the Molecular Conductor TPP[Cr(Pc)(CN)₂]₂. Journal of the Physical Society of Japan, 2016, 85, 064713.	1.6	7
14	Tunable spin-valley coupling in layered polar Dirac metals. Communications Materials, 2021, 2, .	6.9	7
15	Magnetic Torque Experiments on TPP[Fe(Pc)L₂]₂(L = Br and Cl): Antiferromagnetic Short-Range Ordering ofdElectrons, Antiferromagnetic Ordering of Ï€ Electrons, and Anisotropy Energy. Journal of the Physical Society of Japan, 2013, 82, 034719.	1.6	6
16	Observation of all-in type tetrahedral displacements in nonmagnetic pyrochlore niobates. Physical Review B, 2016, 93, .	3.2	6
17	Phthalocyanine-Based Single-Component Molecular Conductor [Mn^{III}(Pc)(CN)]₂O. Inorganic Chemistry, 2016, 55, 7314-7316.	4.0	5
18	Axially Ligated Phthalocyanine Conductors with Magnetic Moments. Magnetochemistry, 2017, 3, 18.	2.4	5

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19	Intermolecular interactions of tetrabenzoporphyrin- and phthalocyanine-based charge-transfer complexes. Dalton Transactions, 2019, 48, 17723-17728.	3.3	5
20	Angle-dependent nontrivial phase in the Weyl semimetal NbAs with anisotropic Fermi surface. Physical Review B, 2020, 101, .	3.2	4
21	Variation of charge dynamics upon antiferromagnetic transitions in the Dirac semimetal <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>EuMnBi</mml:mi><mml:mn>2</mml:mn></mml:msub><l Physical Review B, 2021, 104, .	3.2	4
22	Element dependence of local disorder in medium-entropy alloy CrCoNi. AIP Advances, 2021, 11, .	1.3	4
23	Thermoelectric Effect in Hexagonal Tungsten Oxides. Journal of the Physical Society of Japan, 2012, 81, SB028.	1.6	3
24	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
25	Ta181 nuclear quadrupole resonance study of the noncentrosymmetric superconductor PbTaSe2. Physical Review B, 2020, 102, .	3.2	3
26	Synthesis and Characterization of Iodide-coordinated Dinuclear Molecular Single Crystal Cr₂(Âμ-I)₂I₄(C₈N₂H₄)₄ Chemistry Letters, 2017, 46, 554-556.	1.3	1
27	Angular Dependence of Interlayer Magnetoresistance for Antiferromagnetic Dirac Semimetal AMnBi2 (A = Sr, Eu). , 2020, , .		1
28	An electrically conducting molecular crystal composed of a magnetic iron(iii) complex (S = 1/2) with a large aromatic ligand, 1,2-naphthlalocyanine (C4h isomer): towards the development of molecular spintronics. Dalton Transactions, 2021, 50, 5789-5794.	3.3	1
29	Resonant X-ray Diffraction Study of Antiferromagnetic Transition in GdNiC2. , 2020, , .		1
30	XANES Analysis of Phthalocyanine Molecular Conductor. E-Journal of Surface Science and Nanotechnology, 2012, 10, 92-96.	0.4	1
31	Metal-Insulator Transition and Thermoelectric Properties in Hexagonal Barium Titanates. , 2014, , .		0
32	Ligand and Charge Dependence for Absorption Edge in XANES Spectra of TPP[Fe(Pc)L2]2 Systems. , 2014, , .		0
33	PVD thin film growth of M(Pc)(CN)2 axially substituted metal-phthalocyanines. Journal of Porphyrins and Phthalocyanines, 2017, 21, 739-744.	0.8	0
34	A large negative magnetoresistance effect in semiconducting crystals composed of an octahedrally ligated phthalocyanine complex with high-spin manganese(<scp>iii</scp>). RSC Advances, 2022, 12, 17944-17949.	3.6	0