Yasuhiro Nakazawa

List of Publications by Year
in descending order

107	3,433	304743 22	144013 57
papers	citations	h-index	g-index

107	107	107	2343
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bulk ferromagnetism in the Î²-phase crystal of the p-nitrophenyl nitronyl nitroxide radical. Chemical Physics Letters, 1991, 186, 401-404.	2.6	553
2	Thermodynamic properties of a spin-1/2 spin-liquid state in a Îº-type organic salt. Nature Physics, 2008, 4, 459-462.	16.7	433
3	Low-temperature magnetic properties of the ferromagnetic organic radical,p-nitrophenyl nitronyl nitroxide. Physical Review B, 1992, 46, 8906-8914.	3.2	270
4	Antiferromagnetic Ordering and Spin Structure in the Organic Conductor,Îº-(BEDT-TTF)2Cu[N(CN)2]Cl. Physical Review Letters, 1995, 75, 1174-1177.	7.8	260
5	Calorimetric Evidence for a Fulde-Ferrell-Larkin-Ovchinnikov Superconducting State in the Layered Organic Superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Îº</mml:mi><mml:mtext mathvariant="normal">â^’</mml:mtext><mml:mo stretchy="false">(</mml:mo><mml:mi>BEDT</mml:mi><mml:mtext) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 577 Td (mathvariant	7.8	241
6	Gapless spin liquid of an organic triangular compound evidenced by thermodynamic measurements. Nature Communications, 2011, 2, 275.	12.8	197
7	NMR relaxation rate in the superconducting state of the organic conductor Îº-(BEDT-TTF)2Cu[N(CN)2]Br. Physical Review B, 1996, 54, 76-79.	3.2	130
8	Low-temperature specific heat of Îº-(BEDT-TTF)2Cu[N(CN)2]Br in the superconducting state. Physical Review B, 1997, 55, R8670-R8673.	3.2	110
9	Magnetic torque evidence for the Fulde-Ferrell-Larkin-Ovchinnikov state in the layered organic superconductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Îº</mml:mi><mml:mo>â^’</mml:mo><mml:mo stretchy="false">(</mml:mo><mml:mi) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 417 Td (mathvariant="normal">BEDT</mml:mi>	3.2	94
10	Update 1 of: Calorimetric Investigation of Phase Transitions Occurring in Molecule-Based Magnets. Chemical Reviews, 2013, 113, PR41-PR122.	47.7	92
11	Control of the Spin Dynamics of Singleâ€Molecule Magnets by using a Quasi Oneâ€Dimensional Arrangement. Angewandte Chemie - International Edition, 2018, 57, 9262-9267.	13.8	72
12	Specific heat study on samples of Ba2YCu3O7 with a double superconducting transition. Solid State Communications, 1988, 66, 201-204.	1.9	57
13	Electronic specific heat at the boundary region of the metal-insulator transition in the two-dimensional electronic system ofÎºâ^’(BEDTâ^’TTF)2Cu[N(CN)2]Br. Physical Review B, 2000, 61, R16295-R16298.	3.2	47
14	Characterization of low-temperature electronic states of the organic conductors Î±-(BEDT-TTF)2MHg(SCN)4(M=K, Rb, andNH4) by specific-heat measurements. Physical Review B, 1995, 52, 12890-12894.	3.2	41
15	Electronic structure of insulating salts of theÎºâ^’(BEDTâ^’TTF)2Xfamily studied by low-temperature specific-heat measurements. Physical Review B, 1996, 53, R8875-R8878.	3.2	41
16	Calorimetric study of the halogen-bridged mixed-valence binuclear metal chain complexPt2(nâ^’BuCS2)4I(Bu=butyl chain). Physical Review B, 2002, 66, .	3.2	34
17	Unusual Magnetic State with Dual Magnetic Excitations in the Single Crystal of S = 1/2 Kagome Lattice Antiferromagnet CaCu₃(OH)₆Cl₂ â^™ 0.6H₂O. Journal of the Physical Society of Japan, 2017, 86, 033704.	1.6	30
18	Mobility of hydrated alkali metal ions in metallosupramolecular ionic crystals. Chemical Science, 2019, 10, 587-593.	7.4	30

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19	Thermodynamic Properties of the KagomÃ© Lattice in Volborthite. Journal of the Physical Society of Japan, 2010, 79, 083710.	1.6	26
20	Thermodynamic Evidence of d-Wave Superconductivity of the Organic Superconductor Î»-(BETS)₂GaCl₄. Journal of the Physical Society of Japan, 2016, 85, 043705.	1.6	26
21	Spin-Peierls transition of the quasi-one-dimensional electronic system(DMeâ^'DCNQI)2M(M=Li,Ag)probed by heat capacity. Physical Review B, 2003, 68, .	3.2	23
22	Construction of relaxation calorimetry for 101â€“2ÂÎ¼g samples and heat capacity measurements of organic complexes. Journal of Thermal Analysis and Calorimetry, 2016, 123, 1871-1876.	3.6	23
23	Anomalous enhancement of electronic heat capacity in the organic conductorsÎºâ^'(BEDTâ^'TTF)4Hg3â^'ÎX8(X=Br,Cl). Physical Review B, 2005, 71, .	3.2	22
24	Thermodynamic Properties of Îº-(BEDT-TTF)2X Salts: Electron Correlations and Superconductivity. Crystals, 2012, 2, 741-761.	2.2	22
25	Development of heat capacity measurement system for single crystals of molecule-based compounds. Journal of Thermal Analysis and Calorimetry, 2013, 113, 1303-1308.	3.6	22
26	Electron Transport in Carbon Nanotubes with Adsorbed Chromium Impurities. Materials, 2019, 12, 524.	2.9	22
27	Ambient-pressure molecular superconductor with a superlattice containing layers of tris(oxalato)rhodate enantiomers and 18-crown-6. Inorganic Chemistry, 2017, 56, 717-720.	4.0	20
28	Thermodynamics of the quantum spin liquid state of the single-component dimer Mott system <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Îº</mml:mi><mml:mtext>â^'</mml:mtext><mml:msub><mml:mi mathvariant="normal">H</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mrow><mml:mo>(</mml:mo><mml:mrow> Physical Review B, 2017, 95, .	3.2	20
29	Construction of a low-temperature thermodynamic measurement system for single crystal of molecular compounds under pressures. Review of Scientific Instruments, 2008, 79, 053901.	1.3	18
30	Bulk Kosterlitzâ€“Thouless Type Molecular Superconductor Îº-(BEDT-TTF)2[(H2O)(NH4)2Cr(C2O4)3]Â·18-crown-6. Inorganic Chemistry, 2017, 56, 14045-14052.	4.0	16
31	Increase in the Magnetic Ordering Temperature (T_c) as a Function of the Applied Pressure for A₂Mn[Mn(CN)₆] (A = K, Rb, Cs) Prussian Blue Analogues. Inorganic Chemistry, 2017, 56, 10452-10457.	4.0	15
32	Thermodynamic behavior of the 10K class organic superconductor Îº-(BEDT-TTF)2Cu(NCS)2 studied by relaxation calorimetry. Thermochimica Acta, 2005, 431, 123-126.	2.7	14
33	Thermodynamic Picture of Dimer-Mott Organic Superconductors Revealed by Heat Capacity Measurements with External and Chemical Pressure Control. Crystals, 2018, 8, 143.	2.2	14
34	Thermodynamic property of organic superconductor Îº-(BEDT-TTF)2X [X=Cu(NCS)2, Cu[N(CN)2]Br]. Physica C: Superconductivity and Its Applications, 1997, 282-287, 1897-1898.	1.2	12
35	Thermodynamics of a Liquid-like Spin State in Molecule-based Magnets with Geometric Frustrations. Chemistry Letters, 2013, 42, 1446-1454.	1.3	12
36	A strongly polarized organic conductor. CrystEngComm, 2016, 18, 8151-8154.	2.6	12

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37	Molecular conductors from bis(ethylenedithio)tetrathiafulvalene with tris(oxalato)rhodate. Dalton Transactions, 2017, 46, 9542-9548.	3.3	12
38	Singleâ€Crystalâ€toâ€Singleâ€Crystal Installation of Ln 4 (OH) 4 Cubanes in an Anionic Metallosupramolecular Framework. Angewandte Chemie - International Edition, 2020, 59, 18048-18053.	13.8	12
39	Heat capacities of antiferromagnetic dimer-Mott insulators in organic charge-transfer complexes. Journal of Thermal Analysis and Calorimetry, 2010, 99, 153-157.	3.6	11
40	2D Molecular Superconductor to Insulator Transition in the Î²â€²â€²-(BEDT-TTF)2[(H2O)(NH4)2M(C2O4)3]Â·18-crown-6 Series (M = Rh, Cr, Ru, Ir). Inorganic Chemistry, 2019, 58, 10656-10664.	4.8	11
41	Construction of a thermal conductivity measurement system for small single crystals of organic conductors. Journal of Thermal Analysis and Calorimetry, 2019, 135, 2831-2836.	3.6	11
42	Extraordinary <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Ï€</mml:mi></mml:math> -electron superconductivity emerging from a quantum spin liquid. Physical Review Research, 2021, 3, .	3.6	11
43	Thermodynamic Investigation of the Charge-Ordered Insulating State of the Quasi-One-Dimensional Organic System(DIâ^'DCNQI)2Ag. Physical Review Letters, 2002, 88, 076402.	7.8	10
44	AC Magnetic Susceptibility of the Assembled-Metal Complex {NBu4[FeIIFeIII(ox)3]}â^ž(Bu=n-C4H9,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.6	10
45	Calorimetric study of molecular superconductor Îº-(BEDT-TTF)2Ag(CN)2H2O which contains water in the anion layers. Journal of Thermal Analysis and Calorimetry, 2008, 92, 435-438.	3.6	10
46	Enantiopure and racemic radical-cation salts of B(malate)2â^' anions with BEDT-TTF. Dalton Transactions, 2016, 45, 9285-9293.	3.3	10
47	Dielectric Jump and Negative Electrostriction in Metallosupramolecular Ionic Crystals. Scientific Reports, 2018, 8, 2606.	3.3	10
48	Control of the Spin Dynamics of Singleâ€Molecule Magnets by using a Quasi Oneâ€Dimensional Arrangement. Angewandte Chemie, 2018, 130, 9406-9411.	2.0	10
49	Symmetry change of d -wave superconductivity in Îº -type organic superconductors. Physical Review B, 2021, 103, .	3.2	10
50	Thermodynamic investigation of the electronic states of deuteratedÎºâ^'(BEDTâ^'TTF)2Cu[N(CN)2]Br. Physical Review B, 1999, 60, 4263-4267.	3.2	9
51	Microchip-calorimetry of organic charge transfer complex which shows superconductivity at low temperatures. Thermochimica Acta, 2012, 532, 88-91.	2.7	9
52	Thermodynamic properties of antiferromagnetic ordered states ofÏ€â^'dinteracting systems ofÎºâ^'(BETS)2FeX4(X=Br,Cl). Physical Review B, 2016, 93, .	3.2	9
53	Drastic cooling rate dependence of thermal anomaly associated with the superconducting transition in k-(BEDT-TTF)4Hg2.89Br8. Journal of Thermal Analysis and Calorimetry, 2005, 81, 591-594.	3.6	8
54	Gradual crossover in molecular organization of stable liquid H2O at moderately high pressure and temperature. AIP Advances, 2014, 4, .	1.3	8

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55	Coupling of charge and lattice degrees of freedoms in Î¸-type BEDT-TTF compound probed by low-temperature heat capacity measurements. Physica B: Condensed Matter, 2014, 449, 19-24.	2.7	8
56	Structure and Properties of a BEDTâ€TTFâ€Based Organic Conductor with a Ferroceneâ€Based Magnetic Anion Octamethylferrocenedisulfonate. European Journal of Inorganic Chemistry, 2018, 2018, 3249-3252.	2.0	8
57	Phonon Glass Induced by Electron Correlation. Journal of the Physical Society of Japan, 2019, 88, 073601.	1.6	8
58	Electronic specific heat of BEDT-TTF-based organic conductors. Physica B: Condensed Matter, 2000, 281-282, 899-900.	2.7	7
59	AC-calorimetry for detecting electronic phase transitions at low temperatures using micro-chip devices. Thermochimica Acta, 2009, 492, 85-88.	2.7	7
60	Structures and Properties of New Organic Conductors: BEDT-TTF, BEST and BETS Salts of the HOC2H4SO3â¯ Anion. Crystals, 2020, 10, 775.	2.2	7
61	Chiral molecular conductor with an insulatorâ€“metal transition close to room temperature. Chemical Communications, 2020, 56, 9497-9500.	4.1	7
62	Chiral metal down to 4.2 K - a BDH-TTP radical-cation salt with spiroboronate anion B(2-chloromandelate)₂^{â¯}. Chemical Communications, 2021, 57, 5406-5409.	4.1	7
63	Thermodynamic study of Îº-(BEDT-TTF)₂Ag(CN)₂H₂O under pressures and with magnetic fields. Journal of Physics: Conference Series, 2008, 132, 012010.	0.4	6
64	Quadratic temperature dependence of electronic heat capacities in the Îº-type organic superconductors. International Journal of Modern Physics B, 2016, 30, 1642014.	2.0	6
65	Thermal anomaly around the superconductive transition of Îº-(BEDT-TTF)2Cu(NCS)2 with external pressure and magnetic field control. Journal of Thermal Analysis and Calorimetry, 2016, 123, 1891-1897.	3.6	6
66	New Dmit-Based Organic Magnetic Conductors (PO-CONH-C2H4N(CH3)3)[M(dmit)2]2 (M = Ni, Pd) Including an Organic Cation Derived from a 2,2,5,5-Tetramethyl-3-pyrrolin-1-oxyl (PO) Radical. Magnetochemistry, 2017, 3, 11.	2.4	6
67	Magnetic and Electronic Properties of Ï€-d Interacting Molecular Magnetic Superconductor Îº-(BETS)2FeX4 (X = Cl, Br) Studied by Angle-Resolved Heat Capacity Measurements. Crystals, 2019, 9, 66.	2.2	6
68	Electric dipole induced bulk ferromagnetism in dimer Mott molecular compounds. Scientific Reports, 2021, 11, 1332.	3.3	6
69	Low-temperature heat capacity measurements of Îº-type organic superconductors under pressure. Physica B: Condensed Matter, 2010, 405, S273-S276.	2.7	5
70	Magnetic heat capacities of Îº -(BETS)2FeBr4 measured by a micro-chip calorimeter. Physica Status Solidi C: Current Topics in Solid State Physics, 2012, 9, 1174-1176.	0.8	5
71	Systematic study on thermal conductivity of organic triangular lattice systems <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Îº</mml:mi><mml:mo>â€²-</mml:mo><mml:mi>X</mml:mi><mml:mn>4</mml:mn></mml:math> Physical Review B, 2022, 105, .	3.7	5
72	Low-temperature heat capacity of heptacopper(II) complex [Cu7(Î¼3-Cl)2(Î¼3-OH)6-(d-pen-disulfide)3]. Journal of Thermal Analysis and Calorimetry, 2010, 99, 149-152.	3.6	4

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73	Low temperature heat capacity measurements of the spin-liquid states of hydrogenated and deuterated Î¹-(BEDT-TTF)2Cu2(CN)3. Physica B: Condensed Matter, 2010, 405, S240-S243.	2.7	4
74	Structures and Properties of New Organic Molecule-Based Metals, (D)2BrC2H4SO3 [D = BEDT-TTF and BETS]. Magnetochemistry, 2021, 7, 91.	2.4	4
75	First Molecular Superconductor with the Tris(Oxalato)Aluminate Anion, Î²â€³-(BEDT-TTF)4(H3O)Al(C2O4)3Â·C6H5Br, and Isostructural Tris(Oxalato)Cobaltate and Tris(Oxalato)Ruthenate Radical Cation Salts. Magnetochemistry, 2021, 7, 90.	2.4	4
76	Investigations on Electronic States of Molecule-based Compounds by High-Pressure AC Calorimetry. Current Inorganic Chemistry, 2014, 4, 122-134.	0.2	4
77	Low-temperature heat capacity measurements of Î¹-(BEDT-TTF)4Hg2.89Br8. Physica C: Superconductivity and Its Applications, 2003, 388-389, 595-596.	1.2	3
78	Heat capacities of a networked system of single-molecule magnet with three-dimensional structure. Journal of Thermal Analysis and Calorimetry, 2008, 92, 439-442.	3.6	3
79	Peculiarities of thermal expansion of quasi-two-dimensional organic conductor Î¹-(BEDTâ€“TTF)2Cu[N(CN)2]Cl. Low Temperature Physics, 2016, 42, 788-793.	0.6	3
80	Experimental and theoretical aspects of thermodynamic properties of quasi-1D and quasi-2D organic conductors and superconductors. International Journal of Modern Physics B, 2018, 32, 1840036.	2.0	3
81	Structural, magnetic and MÃ¶ssbauer spectroscopic studies of the [Fe(3-bpp)₂](CF₃COO)₂ complex: role of crystal packing leading to an incomplete Fe(<scp>ii</scp>) high spin â‡‹ low spin transition. CrystEngComm, 2021, 23, 2854-2861.	2.6	3
82	Different electronic states of isomorphous chiral vs. racemic organic conducting salts, Î²â€²â€²-(BEDT-TTF)₂(S- and rac-PROXYL-CONHCH₂SO₃). Materials Advances, 2020, 1, 3171-3175.	5.4	3
83	Persistence of fermionic spin excitations through a genuine Mott transition in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î¹</mml:mi></mml:math> -type organics. Physical Review B, 2022, 105, .	3.2	3
84	Electronic Heat Capacity and Lattice Softening of Partially Deuterated Compounds of Î¹-(BEDT-TTF)2Cu[N(CN)2]Br. Crystals, 2022, 12, 2.	2.2	3
85	Unusual low-temperature thermodynamic properties of pellet samples of (DMe-DCNQI)2M (M=Li, Ag). Journal of Thermal Analysis and Calorimetry, 2005, 81, 587-590.	3.6	2
86	AC heat capacities of Î¹-(BEDT-TTF)₂Cu₂(CN)₃measured by microchip calorimeter. Journal of Physics: Conference Series, 2011, 320, 012027.	0.4	2
87	Rich variety in the ground states of [Pd(dmit)₂]₂ salts, and the methodology for analysing intraâ€dimer interactions, interâ€dimer interactions and MO levels. Physica Status Solidi (B): Basic Research, 2012, 249, 971-974.	1.5	2
88	Magnetic transition in dimerized radical cation salt of (BPDT-TTF)2ICl2 studied by heat capacity measurements. Journal of Thermal Analysis and Calorimetry, 2013, 113, 1197-1201.	3.6	2
89	AC calorimetry system using commercially available microchip device and its application for tiny single crystals of molecule-based compounds. Thermochimica Acta, 2017, 650, 134-138.	2.7	2
90	Thermodynamic investigation by heat capacity measurements of Î¹-type dimer-Mott organic compounds with chemical pressure tuning. International Journal of Modern Physics B, 2018, 32, 1840024.	2.0	2

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91	Thermodynamic properties of glassy phonon states induced by strong electron correlations in ?-type organic charge transfer salts. Modern Physics Letters B, 2020, 34, 2040059.	1.9	2
92	Variation of Electronic Heat Capacity of Îº-(BEDT-TTF)2Cu[N(CN)2]Br Induced by Partial Substitution of Donor Layers. Journal of the Physical Society of Japan, 2020, 89, 073701.	1.6	2
93	Antiferromagnetic fluctuations and proton Schottky heat capacity in doped organic conductor Îº-(BEDT-TTF)4Hg2.78Cl8. Physica B: Condensed Matter, 2013, 427, 1-4.	2.7	1
94	Condensation Energy for a Two-Gap Superconducting State in Nanoparticles. Journal of Nanoparticles, 2013, 2013, 1-6.	1.4	1
95	Cooling-rate-controlled heat capacity measurements of organic superconductor (TMTSF)2ClO4. Journal of Thermal Analysis and Calorimetry, 2016, 123, 1877-1881.	3.6	1
96	Frontispiece: Control of the Spin Dynamics of Single-Molecule Magnets by using a Quasi One-Dimensional Arrangement. Angewandte Chemie - International Edition, 2018, 57, .	13.8	1
97	Thermal expansion of organic superconductor Îº-(BEDT-TTF)2 NH4Hg(SCN)4. Low Temperature Physics, 2019, 45, 128-131.	0.6	1
98	Single Crystal Heat Capacity Measurement of Charge Glass Compound Î¸-(BEDT-TTF)2CsZn(SCN)4 Performed under Current and Voltage Application. Crystals, 2020, 10, 1060.	2.2	1
99	Development of frequency tuning AC modulation method for high-pressure heat capacity measurements of molecules-based compounds. Modern Physics Letters B, 2020, 34, 2040062.	1.9	1
100	Thermodynamic measurements of doped dimer-Mott organic superconductor under pressure. Low Temperature Physics, 2022, 48, 51-56.	0.6	1
101	Enantiopure and racemic radical-cation salts of B(mandelate)₂^{â^'} and B(2-chloromandelate)₂^{â^'} anions with BEDT-TTF. Dalton Transactions, 2022, 51, 4843-4852.	3.3	1
102	Fermi Surface Structure and Isotropic Stability of Fulde-Ferrell-Larkin-Ovchinnikov Phase in Layered Organic Superconductor Î²â€³-(BEDT-TTF)2SF5CH2CF2SO3. Crystals, 2021, 11, 1525.	2.2	1
103	Molecular conductors from bis(ethylenedithio)tetrathiafulvalene with tris(oxalato)gallate and tris(oxalato)iridate. Materials Advances, 2022, 3, 4724-4735.	5.4	1
104	Thermal expansion of organic superconductor Îº-(D4-BEDT-TTF)2Cu{N(CN)2}Br. Isotopic effect. Low Temperature Physics, 2017, 43, 1387-1391.	0.6	0
105	Frontispiz: Control of the Spin Dynamics of Single-Molecule Magnets by using a Quasi One-Dimensional Arrangement. Angewandte Chemie, 2018, 130, .	2.0	0
106	Singleâ€Crystalâ€toâ€Singleâ€Crystal Installation of Ln 4 (OH) 4 Cubanes in an Anionic Metallosupramolecular Framework. Angewandte Chemie, 2020, 132, 18204-18209.	2.0	0
107	Melamine-induced synthesis of a structurally perfect kagomÃ© antiferromagnet. Chemical Communications, 2022, 58, 3763-3766.	4.1	0