Reizo Kato

List of Publications by Year in descending order

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612	13,691	27035	49824
papers	citations	58 h-index	91 g-index

623	623	623	5528
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Discrepancy in Thermal Conductivity Measurement Data of Quantum Spin Liquid Î²â€²-EtMe3Sb[Pd(dmit)2]2 (dmit = 1,3-Dithiol-2-thione-4,5-dithiolate). Crystals, 2022, 12, 102.	1.0	11
2	Large Diamagnetism and Electromagnetic Duality in Two-Dimensional Dirac Electron System. Physical Review Letters, 2022, 128, 027201.	2.9	13
3	Magnetic Order in Organic Dirac Electron System <i>Î±</i>-(BETS)₂I₃. Journal of the Physical Society of Japan, 2022, 91, .	0.7	4
4	Absence of spin susceptibility decrease in a bulk organic superconductor with triangular lattice. Physical Review Research, 2022, 4, .	1.3	1
5	Systematic study on thermal conductivity of organic triangular lattice systems <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î²</mml:mi><mml:mo>â€²-</mml:mo><mml:mi>X</mml:mi><mml:m Physical Review B, 2022, 105, .	1.1	5
6	Conducting chiral nickel(ii) bis(dithiolene) complexes: structural and electron transport modulation with the charge and the number of stereogenic centres. Journal of Materials Chemistry C, 2021, 9, 4119-4140.	2.7	10
7	Electric dipole induced bulk ferromagnetism in dimer Mott molecular compounds. Scientific Reports, 2021, 11, 1332.	1.6	6
8	Fate of soliton matter upon symmetry-breaking ferroelectric order. Physical Review B, 2021, 103, .	1.1	2
9	High-Pressure Crystal Structure and Unusual Magnetoresistance of a Single-Component Molecular Conductor [Pd(dddt)2] (dddt = 5,6-dihydro-1,4-dithiin-2,3-dithiolate). Crystals, 2021, 11, 534.	1.0	3
10	Introducing Selenium in Single-Component Molecular Conductors Based on Nickel Bis(dithiolene) Complexes. Inorganic Chemistry, 2021, 60, 7876-7886.	1.9	4
11	Pressure-induced phase switching of Shubnikovâ€"de Haas oscillations in the molecular Dirac fermion system <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î±</mml:mi><mml:mtext>â'</mml:mtext><mml:msub> mathvariant="normal">I</mml:mi><mml:mn>3</mml:mn></mml:msub></mml:mrow></mml:math>. Physical Review B, 2021, 103, .	1.1	11
12	Electric Double Layer Doping of Charge-Ordered Insulators Î±-(BEDT-TTF)2I3 and Î±-(BETS)2I3. Crystals, 2021, 11, 791.	1.0	3
13	Donor-Type Nickelâ€"Dithiolene Complexes Fused with Bulky Cycloalkane Substituents and Their Application in Molecular Conductors. Crystals, 2021, 11, 1154.	1.0	1
14	Mixed-valence gold bis(diselenolene) complex turning metallic under pressure. Journal of Materials Chemistry C, 2021, 9, 12291-12302.	2.7	4
15	Coexistence of Interchanged and Normal Orbital Levels in a Molecular Conductor Consisting of a Metalâ€"Dithiolene Complex. Journal of the Physical Society of Japan, 2021, 90, .	0.7	1
16	Electric Transport of Nodal Line Semimetals in Single-Component Molecular Conductors. Crystals, 2020, 10, 862.	1.0	4
17	Single-component conductors based on closed-shell Ni and Pt bis(dithiolene) complexes: metallization under high pressure. Journal of Materials Chemistry C, 2020, 8, 11581-11592.	2.7	11
18	Radical Cation Salts of Tetramethyltetrathiafulvalene (TM-TTF) and Tetramethyltetraselenafulvalene (TM-TSF) with Chlorocyananilate-Based Anions. Crystal Growth and Design, 2020, 20, 6777-6786.	1.4	3

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19	Thermoelectric Power of the Multi-Orbital Dimer Mott System, Î²-(CH3)4N[Pd(dmit)2]2. Journal of the Physical Society of Japan, 2020, 89, 034701.	0.7	2
20	A Tight-binding Model of an Ambient-pressure Molecular Dirac Electron System with Open Nodal Lines. Journal of the Physical Society of Japan, 2020, 89, 044713.	0.7	11
21	Presence and absence of itinerant gapless excitations in the quantum spin liquid candidate EtMe3Sb[Pd(dmit)2]2. Physical Review B, 2020, 101, .	1.1	20
22	Universal Behavior of Magnetoresistance in Organic Dirac Electron Systems. Journal of the Physical Society of Japan, 2020, 89, 113703.	0.7	8
23	Quantum Phase Transition in Organic Massless Dirac Fermion System <i>Î±</i>-(BEDT-TTF)₂I₃ under Pressure. Journal of the Physical Society of Japan, 2020, 89, 123702.	0.7	10
24	Electronic Structure of a Single-Component Molecular Conductor [Pd(dddt)2] (dddt =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (5,6 2020, 89, 124706.	0.7	10
25	Magnetic Molecular Conductors Based on Bis(ethylenedithio)tetrathiafulvalene (BEDT-TTF) and the Tris(chlorocyananilato)ferrate(III) Complex. Inorganic Chemistry, 2019, 58, 15359-15370.	1.9	8
26	Non-Fermi-liquid behavior and doping asymmetry in an organic Mott insulator interface. Physical Review B, 2019, 100, .	1.1	5
27	High Pressure Crystal Structure and Electrical Properties of a Single Component Molecular Crystal [Ni(dddt)2] (dddt = 5,6-dihydro-1,4-dithiin-2,3-dithiolate). Molecules, 2019, 24, 1843.	1.7	5
28	Two-dimensional ground-state mapping of a Mott-Hubbard system in a flexible field-effect device. Science Advances, 2019, 5, eaav7282.	4.7	20
29	Fragmented Electronic Spins with Quantum Fluctuations in Organic Mott Insulators Near a Quantum Spin Liquid. Physical Review Letters, 2019, 122, 147204.	2.9	7
30	Transition of a pristine Mott insulator to a correlated Fermi liquid: Pressure-dependent optical investigations of a quantum spin liquid. Physical Review B, 2019, 99, .	1.1	6
31	Role of Velocity Field and Principal Axis of Tilted Dirac Cones in Effective Hamiltonian of Non-Coplanar Nodal Loop. Journal of the Physical Society of Japan, 2019, 88, 124704.	0.7	8
32	Thermal Conductivity of the Quantum Spin Liquid Candidate <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>EtMe</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn></ mathvariant="bold" stretchy="false">[</mml:mo><mml:mi>Pd</mml:mi><mml:mo mathvariant="bold" stretchy="false">(</mml:mo><mml:mi>dmit</mml:mi><mml:msub><mml:mrow><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 207 T	2.8	39
33	xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>EtMe</mml:mi></mml:mrow><mml:mrow><mml:mn>3</mml:mn> stretchy="false">[</mml:mo><mml:mi>Pd</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mtext>dmit</mml:mtext><mml:msub><mml:mrow><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock	2.9	54
34	Topological charge transport by mobile dielectric-ferroelectric domain walls. Science Advances, 2019, 5, eaax8720.	4.7	11
35	Transport anisotropy and electron correlations in the layered molecular compoundsZ[Pd(dmit)2]2(Z=Me4N,Et2Me2As,EtMe3P) with different interlayer coupling. Physical Review B, 2018, 97, .	1.1	2
36	Magnetocaloric Effect in Layered Organic Conductor Î»-(BETS)₂FeCl₄. Journal of the Physical Society of Japan, 2018, 87, 044601.	0.7	4

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37	Algebraic charge dynamics of the quantum spin liquid Î²â€²â˜EtMe3Sb[Pd(dmit)2]2. Physical Review B, 2018, 97, .	1.1	7
38	Effective Hamiltonian of Topological Nodal Line Semimetal in Single-Component Molecular Conductor [Pd(dddt)₂] from First-Principles. Journal of the Physical Society of Japan, 2018, 87, 113701.	0.7	17
39	Detailed X-band Studies of the Ï€â€“d Molecular Conductor Î»-(BETS)₂FeCl₄: Observation of Anomalous Angular Dependence of the g-value. Journal of the Physical Society of Japan, 2018, 87, 114702.	0.7	10
40	Evidence for solitonic spin excitations from a charge-latticeâ€“coupled ferroelectric order. Science Advances, 2018, 4, eaau7725.	4.7	11
41	Quantum spin liquids unveil the genuine Mott state. Nature Materials, 2018, 17, 773-777.	13.3	61
42	Low-Energy Excitations in Quantum Spin Liquids Identified by Optical Spectroscopy. Physical Review Letters, 2018, 121, 056402.	2.9	13
43	Temperature Dependence of Crystal Structures and Band Parameters in Quantum Spin Liquid Î²â€²-EtMe3Sb[Pd(dmit)2]2 and Related Materials. Crystals, 2018, 8, 138.	1.0	9
44	Conductivity and Resistivity of Dirac Electrons in Single-Component Molecular Conductor [Pd(dddt)₂]. Journal of the Physical Society of Japan, 2018, 87, 084702.	0.7	15
45	Dimensionality of superconductivity in the layered organic material EtMe3P[Pd(dmit)2]2 under pressure. Physical Review B, 2018, 97, .	1.1	3
46	Electrical Properties of Single-Component Molecular Crystals under High Pressure. Review of High Pressure Science and Technology/Koatsuryoku No Kagaku To Gijutsu, 2018, 28, 217-224.	0.1	1
47	Pressure-induced metalâ€“metal bond formation and HOMOâ€“LUMO inversion in a single-component Pt-based molecular crystal. Acta Crystallographica Section A: Foundations and Advances, 2018, 74, e366-e366.	0.0	0
48	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.	1.2	2
49	Emergence of the Dirac Electron System in a Single-Component Molecular Conductor under High Pressure. Journal of the American Chemical Society, 2017, 139, 1770-1773.	6.6	52
50	Magnetic Torque Studies in Two-Dimensional Organic Conductor Î»-(BETS)₂FeCl₄. Journal of the Physical Society of Japan, 2017, 86, 014702.	0.7	5
51	Critical Behavior in Doping-Driven Metalâ€“Insulator Transition on Single-Crystalline Organic Mott-FET. Nano Letters, 2017, 17, 708-714.	4.5	19
52	Charge and Lattice Fluctuations in Molecule-Based Spin Liquids. Scientific Reports, 2017, 7, 12930.	1.6	12
53	Mott transition by an impulsive dielectricÂbreakdown. Nature Materials, 2017, 16, 1100-1105.	13.3	49
54	Slow dynamics of electrons at a metalâ€“Mott insulator boundary in an organic system with disorder. Science Advances, 2017, 3, e1601594.	4.7	22

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55	Magnetic susceptibility of Dirac electrons in single-component molecular conductor [Pd(dddt)₂] under pressure. Japanese Journal of Applied Physics, 2017, 56, 05FB02.	0.8	10
56	Aperiodic quantum oscillations of particle-hole asymmetric Dirac cones. Europhysics Letters, 2017, 119, 67001.	0.7	9
57	Novel Dirac Electron in Single-Component Molecular Conductor [Pd(dddt)₂] (dddt =) Tj ETQq1 1 0.784314 rgBT /Overlo	0.7	23
58	Antiferromagnetic Insulating Ground State of Molecular Ï€-d System Î›-(BETS)2FeCl4 (BETS =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 2017, 3, 10.	1.0	17
59	Simultaneous enhancement of conductivity and Seebeck coefficient in an organic Mott transistor. Applied Physics Letters, 2016, 109, .	1.5	15
60	Charge Transport in Antiferromagnetic Insulating Phase of Two-Dimensional Organic Conductor Î»-(BETS)2FeCl4. Journal of the Physical Society of Japan, 2016, 85, 064703.	0.7	7
61	Shubnikovâ€“de Haas Effect and Angular-Dependent Magnetoresistance in Layered Organic Conductor Î²â€²â€²-(ET)(TCNQ). Journal of the Physical Society of Japan, 2016, 85, 084701.	0.7	0
62	Electronâ€“hole doping asymmetry of Fermi surface reconstructed in a simple Mott insulator. Nature Communications, 2016, 7, 12356.	5.8	37
63	Intra- versus Inter-dimer Charge Inhomogeneity in the Triangular Lattice Compounds of Î²â€²-Cs[Pd(dmit)2]2: A Degree of Freedom Characteristic of an Interchange of Energy Levels in the Molecular Orbitals. Journal of the Physical Society of Japan, 2016, 85, 104711.	0.7	7
64	Fragment Model Study of Molecular Multiorbital System X[Pd(dmit)2]2. Journal of the Physical Society of Japan, 2015, 84, 044716.	0.7	11
65	First-principles study of hydrogen-bonded molecular conductor<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Î¹</mml:mi><mml:mo>â^'</mml:mo><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:mte Physical Review B, 2015, 92, .	1.1	14
66	Possible quantum Hall effect in a magnetic-field-induced phase transition in the quasi-one-dimensional CDW organic conductor, HMTSFâ€“TCNQ. Physica B: Condensed Matter, 2015, 460, 241-244.	1.3	3
67	Direct observation of collective modes coupled to molecular orbitalâ€“driven charge transfer. Science, 2015, 350, 1501-1505.	6.0	114
68	Quantum criticality of Mott transition in organicÂmaterials. Nature Physics, 2015, 11, 221-224.	6.5	101
69	Light-induced superconductivity using a photoactive electric double layer. Science, 2015, 347, 743-746.	6.0	82
70	Universality Class of the Mott Transition. Physical Review Letters, 2015, 114, 106401.	2.9	14
71	Study of Magnetic Excitation in Pd(dmit)2 Salts by Raman Scattering Spectroscopy. Journal of the Physical Society of Japan, 2015, 84, 044715.	0.7	6
72	Heat Capacity of Spin Liquid System of EtMe₃Sb[Pd(dmit)₂]₂. Quantum Matter, 2015, 4, 314-318.	0.2	1

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73	Magnetic-field-induced phase transitions in the quasi-one-dimensional organic conductor HMTSFâ€“TCNQ. Low Temperature Physics, 2014, 40, 371-376.	0.2	4
74	Pressure-Induced Metallic Conductivity in the Single-Component Molecular Crystal [Ni(dmit)2]. European Journal of Inorganic Chemistry, 2014, 2014, 3837-3840.	1.0	29
75	Asymmetric Phase Transitions Observed at the Interface of a Field-Effect Transistor Based on an Organic Mott Insulator. European Journal of Inorganic Chemistry, 2014, 2014, 3841-3844.	1.0	4
76	Ultrasonic investigation of the organic spin-liquid compound<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>Et</mml:mi><mml:msub><mml:mi>Me</mml:mi><mml:mn>3</mml:m Physical Review B, 2014, 90, .	1.1	3
77	Pressureâ€Induced Metallic Conductivity in the Singleâ€Component Molecular Crystal [Ni(dmit)₂] (Eur. J. Inorg. Chem. 24/2014). European Journal of Inorganic Chemistry, 2014, 2014,	1.0	0
78	Lattice effects in the quasi-two-dimensional valence-bond-solid Mott insulator EtMe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>P[Pd(dmit)<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>]<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow	1.1	7
79	Nonlinear photocurrent with a threshold of excitation density induced by the long-range electronâ€“electron interaction in the charge-ordered molecular conductor (BEDTâ€“TTF)3(ClO4)2. Journal of Physics Condensed Matter, 2014, 26, 055603.	0.7	0
80	Angle-resolved photoemission study of the electronic structure of the quantum spin liquidEtMe3Sb[Pd(dmit)2]2. Physical Review B, 2014, 89, .	1.1	3
81	A Single-Component Molecular Superconductor. Journal of the American Chemical Society, 2014, 136, 7619-7622.	6.6	75
82	Reversible Control of Crystalline Rotors by Squeezing Their Hydrogen Bond Cloud Across a Halogen Bond-Mediated Phase Transition. Crystal Growth and Design, 2014, 14, 3375-3383.	1.4	31
83	Hidden Spin Scattering Behavior in [Ni_{1â^’}_xCu_x(tmdt)₂] System with Unprecedentedly Strong Ïâ€“d Interaction. Journal of the Physical Society of Japan, 2014, 83, 074701.	0.7	4
84	Property of the Valence-Bond Ordering in Molecular Superconductor with a Quasi-Triangular Lattice. Journal of the Physical Society of Japan, 2014, 83, 053703.	0.7	9
85	Antiferromagnetic Ordering in Quasi-Triangular Localized Spin System, Î²â€²-Et₂Me₂P[Pd(dmit)₂]₂, Studied by ¹³C NMR. Journal of the Physical Society of Japan, 2014, 83, 054712.	0.7	4
86	Strainâ€Tunable Superconducting Fieldâ€Effect Transistor with an Organic Stronglyâ€Correlated Electron System. Advanced Materials, 2014, 26, 3490-3495.	11.1	29
87	Development of Ï€-Electron Systems Based on [M(dmit)2] (M = Ni and Pd; dmit:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 187 T 355-374.	2.0	70
88	Magnetic-Field-Induced Phase Transition and a Possible Quantum Hall Effect in the Quasi-One-Dimensional CDW Organic Conductor HMTSF-TCNQ. Journal of Modern Physics, 2014, 05, 673-679.	0.3	3
89	Thermoelectric Power of Multilayered Massless Dirac Fermion System Î±-(BEDT-TTF)₂I₃â€…â€”Charge Ordering and Zero-Gap Statesâ€”. , 2014, , .		4
90	Observation of the Photoinduced Phase Transition in Me4P[Pt(dmit)2]2 by Femtosecond Electron Diffraction. , 2014, , .		0

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91	Temperature Dependence of Internal Field by Analysis of Specific Heat on an Organic Conductor Î»-BETS2FeCl4. , 2014, , .		8
92	A strained organic field-effect transistor with a gate-tunable superconducting channel. Nature Communications, 2013, 4, 2379.	5.8	55
93	Quantum Hall effect in multilayered massless Dirac fermion systems with tilted cones. Physical Review B, 2013, 88, .	1.1	44
94	Critical behavior of a filling-controlled Mott-transition observed at an organic field-effect-transistor interface. European Physical Journal: Special Topics, 2013, 222, 1057-1063.	1.2	6
95	Substituent-Dependent Spin-Density Distribution and Coexistence of Fe 3d and Ï€ Spins on Ferroceneâ€“Tetrathiafulvalene Hybrids. Inorganic Chemistry, 2013, 52, 13809-13811.	1.9	10
96	Utilization of Ïƒ-Holes on Sulfur and Halogen Atoms for Supramolecular CationÂ·Â·Â·Anion Interactions in Bilayer Ni(dmit)₂ Anion Radical Salts. Crystal Growth and Design, 2013, 13, 4533-4541.	1.4	41
97	Field-Induced CDW Phases in a Quasi-One-Dimensional Organic Conductor, HMTSF-TCNQ Under Pressure of 1 GPa in Magnetic Field of 31 T. Journal of Low Temperature Physics, 2013, 170, 377-382.	0.6	3
98	Observation of photo-induced insulator-to-metal transition in charge-ordered thin crystal by simultaneous transport and optical measurement. Journal of Luminescence, 2013, 137, 237-240.	1.5	2
99	Supramolecular Ni(dmit)2 salts with halopyridinium cations -development of multifunctional molecular conductors with the use of competing supramolecular interactions. CrystEngComm, 2013, 15, 3200.	1.3	23
100	Bilayer Mott System with CationÂ·Â·Â·Anion Supramolecular Interactions Based on a Nickel Dithiolene Anion Radical: Coexistence of Ferro- and Antiferromagnetic Anion Layers and Large Negative Magnetoresistance. Inorganic Chemistry, 2013, 52, 4759-4761.	1.9	24
101	Time-Resolved Infrared Vibrational Spectroscopy of the Photoinduced Phase Transition of Pd(dmit)₂ Salts Having Different Orders of Phase Transition. Journal of Physical Chemistry C, 2013, 117, 13187-13196.	1.5	29
102	Bulk-Sensitive Angle-Resolved Photoemission Spectroscopy on TTF-TCNQ. Journal of the Physical Society of Japan, 2013, 82, 025004.	0.7	5
103	Lattice Distortion Stabilizes the Photoinduced Metallic Phase in the Charge-Ordered Organic Salts<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mo		

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109	Bilayer Mott System Based on Ni(dmit)₂ (dmit = 1,3-dithiole-2-thione-4,5-dithiolate) Anion Radicals: Two Isostructural Salts Exhibit Contrasting Magnetic Behavior. Inorganic Chemistry, 2012, 51, 11645-11654.	1.9	28
110	Novel Pauli-paramagnetic quantum phase in a Mott insulator. Nature Communications, 2012, 3, 1090.	5.8	66
111	Properties of Mn2+ and Î-Electron Spin Systems Probed by 1H and 13C NMR in the Organic Conductor Î²-(BETS)2Mn[N(CN)2]3. Crystals, 2012, 2, 224-235.	1.0	9
112	Cation Dependence of Crystal Structure and Band Parameters in a Series of Molecular Conductors, Î²'-(Cation)[Pd(dmit)2]2 (dmit = 1,3-dithiole-2-thione-4,5-dithiolate). Crystals, 2012, 2, 861-874.	1.0	45
113	Crystal structure and band parameters of mixed crystals derived from quantum spin liquid Î²â€²â€²-EtMe₃Sb[Pd(dmit)₂]₂ (dmitâ€‰=â€‰1,3â€dithiolâ€2â€thioneâ€4,5â€dithiolate). Physica Status Solidi (B): Basic Research, 2012, 249, 999-1003.	1.5	11
114	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.	0.7	2
115	Single-Component Molecular Conductor [Cu(dmdt)₂] with Three-Dimensionally Arranged Magnetic Moments Exhibiting a Coupled Electric and Magnetic Transition. Journal of the American Chemical Society, 2012, 134, 12724-12731.	6.6	39
116	Field-induced CDW in HMTSF-TCNQ. Physica B: Condensed Matter, 2012, 407, 1927-1929.	1.3	5
117	Photo-Induced Structural Changes at a Surface Î¿f Organic Single Crystals Observed by Vibrational Sum Frequency Generation Spectroscopy. Acta Physica Polonica A, 2012, 121, 313-315.	0.2	1
118	Slow Dynamics of the Photoinduced Phase Transition in Pd(dmit)2Salts (dmit =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 Td (1,3-dithic	0.2	1
119	Halogen-Bonded, Eight-fold PtS-Type Interpenetrated Supramolecular Network. A Study toward Redundant and Cross-Bar Supramolecular Nanowire Crystal. Crystal Growth and Design, 2011, 11, 4267-4271.	1.4	24
120	Mott Physics in Organic Conductors with Triangular Lattices. Annual Review of Condensed Matter Physics, 2011, 2, 167-188.	5.2	212
121	Gapless spin liquid of an organic triangular compound evidenced by thermodynamic measurements. Nature Communications, 2011, 2, 275.	5.8	197
122	Electronic State of a Conducting Single Molecule Magnet Based on Mn-salen Type and Ni-Dithiolene Complexes. Inorganic Chemistry, 2011, 50, 9337-9344.	1.9	40
123	Local Spin Susceptibility of Î±-D₂I₃(D = bis(ethylendithio)tetraselenafulvalene) Tj ETQq1 1 0.784314 rgBT /O Journal of the Physical Society of Japan, 2011, 80, 014715.	0.7	21
124	NMR study of quantum spin liquid and its phase transition in the organic spin-1/2 triangular lattice antiferromagnet EtMe₃Sb[Pd(dmit)₂]₂. Journal of Physics: Conference Series, 2011, 320, 012032.	0.3	5
125	Intradimer Charge Disproportionation in Triclinic-EtMe₃P[Pd(dmit)₂]₂ (dmit:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 97 Td	0.7	17
126	Vibrational Spectra of [Pd(dmit)₂] Dimer (dmit = 1,3-dithiole-2-thione-4,5-dithiolate): Methodology for Examining Charge, Inter-Molecular Interactions, and Orbital. Journal of the Physical Society of Japan, 2011, 80, 074717.	0.7	20

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127	[illegible]urface and interlayer transport in the two-dimensional magnetic organic conductor (Me-3,5-DIP)[Ni(dmit)<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>]<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	1.1	10
128	Zeeman-Driven Phase Transition within the Superconducting State of<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 ETQq0 0 0 rgBT /Overlock 10 Tf 50 697 Td (mathvariant="norma	2.9	76
129	Nuclear magnetic resonance of the inequivalent carbon atoms in the organic spin-liquid material EtMe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>3</mml:mn></mml:msub></mml:math>Sb[Pd(dmit)<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>2</mml:mn></mml:msub></mml:math>]<mml:math xmlns:mml="http://www.w3.org/1998/Mat	1.1	20
130	Electric-field-induced Mott transition in an organic molecular crystal. Physical Review B, 2011, 84, .	1.1	28
131	Ground state of the organic spin-liquid material EtMe3Sb[Pd(dmit)2]2. Journal of Physics: Conference Series, 2011, 320, 012033.	0.3	0
132	Muon spin relaxation studies on magnetic properties of organic conductors Pd(dmit)₂salts and Î±-(BETS)₂I₃. Journal of Physics: Conference Series, 2010, 225, 012041.	0.3	4
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