

Takahiko Sasaki

List of Publications by Year in descending order

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442
papers

9,475
citations

38742

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54911

84
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450
all docs

450
docs citations

450
times ranked

7450
citing authors

#	ARTICLE	IF	CITATIONS
1	Involvement of structural dynamics in charge-glass formation in strongly frustrated molecular metals. <i>Physical Review B</i> , 2022, 105, .	3.2	4
2	Crystal Structures and Conducting Properties of Mott Insulator (BEDT-BDS)PF6: Selenium Substitution Effect in the Parent (BEDT-BDT)PF6. <i>Chemistry Letters</i> , 2022, 51, 683-686.	1.3	1
3	Comparison of the charge-crystal and charge-glass state in geometrically frustrated organic conductors studied by fluctuation spectroscopy. <i>Physical Review B</i> , 2022, 105, .	3.2	1
4	Mechanisms of the antiferro-electric ordering in superprotonic conductors Cs ₃ H(SeO ₄) ₂ and Cs ₃ D(SeO ₄) ₂ . <i>Journal of Chemical Physics</i> , 2022, 156, 204504.	3.0	0
5	Optical Conductivity Spectra of Charge-Crystal and Charge-Glass States in a Series of \hat{I}_7 -Type BEDT-TTF Compounds. <i>Crystals</i> , 2022, 12, 831.	2.2	2
6	Nonmonotonic Pressure Dependence of the Lattice Parameter a in the Quasi-one-dimensional Superconductor Pr ₂ Ba ₄ Cu ₇ O ₁₅ . <i>Journal of the Physical Society of Japan</i> , 2021, 90, 015001.	1.6	3
7	Strongly correlated superconductivity in a copper-based metal-organic framework with a perfect kagome lattice. <i>Science Advances</i> , 2021, 7, .	10.3	44
8	Anion Arrangement Effects on Electronic States of \hat{I}_6 -type BEDT-TTF Compounds. <i>Journal of the Physical Society of Japan</i> , 2021, 90, 054703.	1.6	0
9	Elucidation of local structure deformation in N -enhanced superconducting properties of double-chain based superconductor Pr ₂ Ba ₄ Cu ₇ O ₁₅ . <i>Physical Review B</i> , 2021, 103, 020407.	3.2	1
10	Enhanced superconducting properties of double-chain based superconductor Pr ₂ Ba ₄ Cu ₇ O ₁₅ by introducing weak randomness. <i>Physical Review B</i> , 2021, 104, .	1.2	3
11	Charge Ordering and d Interaction in Electron-Doped 3/4-Filling Molecular System \hat{I}_6 -BEDT-TTF)2Rb ₂ Co(SCN) ₄ ($x = 0.6$). <i>Journal of the Physical Society of Japan</i> , 2021, 90, 074701.	1.6	1
12	Dihedral-Angle Dependence of Intermolecular Transfer Integrals in BEDT-BDT-Based Radical-Cation Salts with \hat{I}_7 -Type Molecular Arrangements. <i>Crystals</i> , 2021, 11, 868.	2.2	3
13	Variation of charge dynamics upon antiferromagnetic transitions in the Dirac semimetal EuMnBi ₂ . <i>Physical Review B</i> , 2021, 104, .	3.2	1
14	Emergence of unconventional spin glass-like state in (ET) ₂ Cu[N(CN) ₂] ₂ by introducing weak randomness. <i>Physical Review B</i> , 2021, 104, .	3.2	1
15	Spin-scattering asymmetry at half-metallic-ferromagnet ferromagnet interface. <i>Physical Review B</i> , 2021, 104, .	3.2	1
16	Pairing interaction in superconducting UCoGe tunable by magnetic field. <i>Physical Review B</i> , 2021, 104, .	3.2	4
17	Magnetic Torque due to Anisotropic Diamagnetism in Neutral BEDT-TTF Crystals. <i>Journal of the Physical Society of Japan</i> , 2021, 90, .	1.6	1
18	Phonon-assisted proton tunneling in the hydrogen-bonded dimeric selenates of Cs ₃ H(SeO ₄) ₂ . <i>Journal of Chemical Physics</i> , 2020, 152, 154502.	3.0	5

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19	Two-dimensional radical cationic Mott insulator based on an electron donor containing neither a tetrathiafulvalene nor tetrathiapentalene skeleton. CrystEngComm, 2020, 22, 5949-5953.	2.6	3
20	Petahertz non-linear current in a centrosymmetric organic superconductor. Nature Communications, 2020, 11, 4138.	12.8	14
21	Formation of nanoscale polarized clusters as precursors of electronic ferroelectricity probed by conductance noise spectroscopy. Physical Review B, 2020, 102, 080404.	3.2	5
22	Signature of band inversion in the perovskite thin-film alloys $\text{BaS}_{1-x}\text{Te}_x$. Physical Review Letters, 2020, 124, 046404.	3.2	10
23	Quantum Disorder of an Antiferromagnetic Order by Quenched Randomness in an Organic Mott Insulator. Physical Review Letters, 2020, 124, 117204.	7.8	10
24	X-ray fluorescence holography for soft matter. Japanese Journal of Applied Physics, 2020, 59, 010505.	1.5	8
25	Electronic Griffiths Phase in Disordered Mott-Transition Systems. Physical Review Letters, 2020, 124, 046404.	7.8	23
26	Anisotropic magnetic excitations from single-chirality antiferromagnetic state in Ca-kapellasite. Physical Review Research, 2020, 2, .	3.6	9
27	Second harmonic generation driven by petahertz non-linear current in a centrosymmetric organic superconductor. , 2020, , .		0
28	Large Thermal Conductivity due to Spins in the Two-Dimensional Spin System LaSrFeO_4 . Journal of the Physical Society of Japan, 2020, 89, 114603.	1.6	0
29	Magnetic-Field Dependence of Novel Gap Behavior Related to the Quantum-Size Effect. Journal of the Physical Society of Japan, 2020, 89, 095002.	1.6	2
30	Lattice Dynamics Coupled to Charge and Spin Degrees of Freedom in the Molecular Dimer-Mott Insulator BEDT-TTF . Physical Review Letters, 2019, 123, 027601.	7.8	11
31	Disorder Unveils Mott Quantum Criticality Behind a First-Order Transition in the Quasi-Two-Dimensional Organic Conductor Cu_2N . Physical Review B, 2019, 80, .	3.0	3
32	Structural Alternation Correlated to the Conductivity Enhancement of PEDOT:PSS Films by Secondary Doping. Journal of Physical Chemistry C, 2019, 123, 13467-13471.	3.1	19
33	Low-Dose Carbon Monoxide Inhibits Rhinovirus Replication in Human Alveolar and Airway Epithelial Cells. Tohoku Journal of Experimental Medicine, 2019, 247, 215-222.	1.2	3
34	Critical Temperature in Bulk Ultrafine-Grained Superconductors of Nb, V, and Ta Processed by High-Pressure Torsion. Materials Transactions, 2019, 60, 1367-1376.	1.2	12
35	Low-Temperature Magnetism of Gold Nano Particles Contained in Electrochemical Sugar Recognition System. IEEE Transactions on Magnetics, 2019, 55, 1-4.	2.1	1
36	Mesoscopic 2D Charge Transport in Commonplace PEDOT:PSS Films. Advanced Electronic Materials, 2018, 4, 1700490.	5.1	36

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37	Pseudogap Behavior of the Nuclear Spin Lattice Relaxation Rate in FeSe Probed by ⁷⁷ Se-NMR. Journal of the Physical Society of Japan, 2018, 87, 013704.	1.6	23
38	Direct observation of magnetic flux and interstitial vortices in perforated mesoscopic squares of superconducting films. Journal of Physics: Conference Series, 2018, 969, 012074.	0.4	1
39	¹³³ Cs-NMR study on aligned powder of competing spin chain compound Cs ₂ Cu ₂ Mo ₃ O ₁₂ . Journal of Physics: Conference Series, 2018, 969, 012125.	0.4	4
40	Ground State of Quasi-One Dimensional Competing Spin Chain Cs ₂ Cu ₂ Mo ₃ O ₁₂ at zero and Finite Fields. 2018, .		2
41	Thermal Conductivity due to Spins in the Frustrated Two-Leg Spin Ladder System BiCu ₂ PO ₆ . Journal of the Physical Society of Japan, 2018, 87, 074702.	1.6	2
42	Nonlinear charge oscillation driven by a single-cycle light field in an organic superconductor. Nature Photonics, 2018, 12, 474-478.	31.4	28
43	Effects of Disorder on the Pressure-Induced Mott Transition in $\hat{\rho}$ -(BEDT-TTF) ₂ Cu[N(CN) ₂]Cl. Crystals, 2018, 8, 38.	2.2	13
44	Electric-field-induced intradimer charge disproportionation in the dimer-Mott insulator $\hat{\rho}$ -(BEDT-TTF) ₂ Cl ₂ . Physical Review B, 2017, 95, .	3.2	6
45	Crystallization and vitrification of electrons in a glass-forming charge liquid. Science, 2017, 357, 1381-1385.	12.6	37
46	Polarization selectivity of charge localization induced by a 7-fs nearly single-cycle light field in an organic metal. Physical Review B, 2017, 95, .	3.2	11
47	Dimer-Mott and charge-ordered insulating states in the quasi-one-dimensional organic conductors $\hat{\rho}$ -BPDT-TTF ₂ Cl ₂ and $\hat{\rho}$ -(BPDT-TTF) ₂ Cl ₂ . Physical Review B, 2017, 96, .	3.2	3
48	Undoped high- T _c superconductivity in T _a -La _{1.8} Eu _{0.2} CuO ₄ + $\hat{\rho}$ revealed by 63,65 Cu and 139 La NMR: Bulk superconductivity and antiferromagnetic fluctuations. Physica C: Superconductivity and Its Applications, 2017, 541, 30-35.	1.2	9
49	Fine-tuning the Mott metal-insulator transition and critical charge carrier dynamics in molecular conductors. Philosophical Magazine, 2017, 97, 3477-3494.	1.6	7
50	Magneto-thermopower in the Weak Ferromagnetic Oxide CaRu _{0.8} Sc _{0.2} O ₃ : An Experimental Test for the Kelvin Formula in a Magnetic Material. Journal of the Physical Society of Japan, 2017, 86, 104707.	1.6	7
51	R_{bC}^2	3.2	13
52	Quantum-disordered state of magnetic and electric dipoles in an organic Mott system. Nature Communications, 2017, 8, 1821.	12.8	38
53	Spin dynamics in the high-field phases of volborthite. Physical Review B, 2017, 96, .	3.2	21
54	Gapless magnetic excitations in the kagome antiferromagnet Ca-kapellasite probed by Cl^+ NMR spectroscopy. Physical Review B, 2017, 96, .	3.2	7

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55	First-principles investigation of local structure deformation induced by x-ray irradiation in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mi>Î°</mml:mi><mml:mo>â”</mml:mo><mml:msub><mml:mi>â”</mml:mi></mml:msub></mml:mrow></mml:math>		

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73	Charge-carrier dynamics near the Mott-Anderson transition in molecular conductors. , 2015, , .		0
74	Possible quantum Hall effect in a magnetic-field-induced phase transition in the quasi-one-dimensional CDW organic conductor, HMTSFa€TCNQ. Physica B: Condensed Matter, 2015, 460, 241-244.	2.7	3
75	Critical Slowing Down of the Charge Carrier Dynamics at the Mott Metal-Insulator Transition. Physical Review Letters, 2015, 114, 216403.	7.8	21
76	Cu-NMR Study on the Quasi one Dimensional Antiferromagnet Cu3Mo2O9. Physics Procedia, 2015, 75, 641-646.	1.2	1
77	Magnetic State of the Geometrically Frustrated Quasi-One-Dimensional Spin System Cu3Mo2O9 Studied by Thermal Conductivity. Journal of the Physical Society of Japan, 2015, 84, 124601.	1.6	2
78	Quantum Spin Liquid Emerging from Antiferromagnetic Order by Introducing Disorder. Physical Review Letters, 2015, 115, 077001.	7.8	61
79	Spontaneous Formation of Correlated Charge Coherence Induced by 1.5-Cycle Pulse in 1-D Organic Metal (TMTTF)2AsF6. Springer Proceedings in Physics, 2015, , 244-247.	0.2	0
80	Carrier transport of conducting polymer PEDOT:PSS investigated by temperature dependence of THz and IR spectra. , 2014, , .		3
81	Photoinduced insulating of layered organic metal driven by strong electric field of 1.5-cycle, 7 fs infrared pulse. , 2014, , .		0
82	Mott metal-insulator transition induced by utilizing a glasslike structural ordering in low-dimensional molecular conductors. Physical Review B, 2014, 90, .	3.2	23
83	Interface-dependent magnetotransport properties for thin Pt films on ferrimagnetic Y3Fe5O12. Applied Physics Letters, 2014, 104, .	3.3	29
84	Magnetic-field-induced phase transitions in the quasi-one-dimensional organic conductor HMTSFa€TCNQ. Low Temperature Physics, 2014, 40, 371-376.	0.6	4
85	Collective excitation of a short-range charge ordering in $(\text{BEDT-TTF})_2\text{CuZn}(\text{SCN})_2$ Magnetic-field-induced spin flop transition and magnetoelectric effect in CaFe_2As_2	3.2	12
86	Physical Review B, 2014, 89, .	3.2	20
87	Optical freezing of charge motion in an organic conductor. Nature Communications, 2014, 5, 5528.	12.8	59
88	High-energy spin and charge excitations in electron-doped copper oxide superconductors. Nature Communications, 2014, 5, 3714.	12.8	95
89	Thermal Conductivity and Annealing Effects in the Iron-Based Superconductor FeSe0.3Te0.7. Journal of the Physical Society of Japan, 2014, 83, 044704.	1.6	8
90	Observation of the Thermal Conductivity due to Spins in the One-Dimensional Antiferromagnetic Ising-Like Spin System ACoX3 (A = Rb, Cs; X = Cl, Br). Journal of the Physical Society of Japan, 2014, 83, 064603.	1.6	7

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91	Magnetic Raman Scattering Study of Spin Frustrated Systems, $\hat{\Gamma}_2^-(\text{BEDT-TTF})_2\text{X}$. Journal of the Physical Society of Japan, 2014, 83, 074708.	1.6	14
92	High strength and superconductivity in nanostructured niobium-titanium alloy by high-pressure torsion and annealing: Significance of elemental decomposition and supersaturation. Acta Materialia, 2014, 80, 149-158.	7.9	33
93	Orientation of Conductive Polymer PEDOT:PSS Films Prepared Under Magnetic Field. , 2014, , .		1
94	Dielectric Response of Multiorbital Molecular Compounds (TTM-TTP) ($\text{X} = \text{V}, \text{Cr}, \text{Mn}, \text{Fe}, \text{Co}, \text{Ni}$) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td	1.6	1
95	Thermal Conductivity in the Triangular-Lattice Antiferromagnet $\text{Ba}_3\text{CoSb}_2\text{O}_9$. Journal of Physics: Conference Series, 2014, 568, 042014.	0.4	10
96	NMR study on kagome-lattice antiferromagnet $\text{Cs}_2\text{Mn}_3\text{LiF}_{12}$. Journal of Physics: Conference Series, 2014, 568, 042008.	0.4	0
97	Thermal Conductivity in the Frustrated Two-Leg Spin-Ladder System BiCu_2PO_6 . Journal of Physics: Conference Series, 2014, 568, 042012.	0.4	5
98	Thermal Conductivity of the $S=1/2$ Quasi-One-Dimensional Ferromagnetic Spin System CsCuCl_3 . Journal of Physics: Conference Series, 2014, 568, 042013.	0.4	2
99	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.	0.6	3
100	10 fs dynamics of photoinduced magnetic transition in double-layered charge ordering in LuFe_2O_4 under interlayer excitation. , 2014, , .		0
101	Spontaneous formation of correlated charge coherence induced by 1.5-cycle pulse in 1-D organic metal (TMTTF) $_2\text{AsF}_6$. , 2014, , .		0
102	Narrowing of phonon spectrum induced by ultrafast charge fluctuations in an organic dimer Mott insulator. Physical Review B, 2013, 88, .	3.2	9
103	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.	1.4	3
104	Superconducting properties in bulk nanostructured niobium prepared by high-pressure torsion. Physica C: Superconductivity and Its Applications, 2013, 493, 132-135.	1.2	25
105	Collective Excitation of an Electric Dipole on a Molecular Dimer in an Organic Dimer-Mott Insulator. Physical Review Letters, 2013, 110, 106401.	7.8	56
106	Relaxor ferroelectricity induced by electron correlations in a molecular dimer Mott insulator. Physical Review B, 2013, 87, .	3.2	47
107	SPATIAL VARIATION OF TUNNELING SPECTRA IN (111)-ORIENTED FILMS OF BORON-DOPED DIAMOND PROBED BY STM/STS. International Journal of Modern Physics B, 2013, 27, 1362014.	2.0	4
108	Optical Conductivity Measurement of a Dimer Mott-Insulator to Charge-Order Phase Transition in a Two-Dimensional Quarter-Filled Organic Salt Compound. Physical Review Letters, 2013, 111, 217801.	7.8	13

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109	Effect of Magnetic Field on the Superconducting Phase in the Electron-Doped Metallic Double-Chain Compound $\text{Pr}_{2-x}\text{Ba}_{4-x}\text{Cu}_7\text{O}_{15}$. Journal of the Physical Society of Japan, 2013, 82, 074706.	1.6	7
110	Magneto-optical survey of 1st and 2nd sub-bands in chirality specific (6, 5) single-walled carbon nanotube up to 190T. , 2013, , .		0
111	Evolution of the Electronic State through the Reduction Annealing in Electron-Doped $\text{Pr}_{1.3-x}\text{La}_{0.7}\text{Ce}_x\text{CuO}_4$ ($x=0.10$) Single Crystals: Antiferromagnetism, Kondo Effect, and Superconductivity. Journal of the Physical Society of Japan, 2013, 82, 063713.	1.6	68
112	Magnetic control of electric polarization in the noncentrosymmetric compound $(\text{Cu,Ni})\text{B}_{2-x}\text{O}_4$. Physical Review B, 2013, 87, .	3.2	26
113	Photoinduced Coherent Spin Fluctuation in Primary Dynamics of Insulator to Metal Transition in Perovskite Cobalt Oxide. EPJ Web of Conferences, 2013, 41, 03013.	0.3	2
114	Photoinduced Growth of Ferroelectric Charge Order in Organic Dimer-Mott insulator. EPJ Web of Conferences, 2013, 41, 03020.	0.3	0
115	Coherent Electron Dynamics in 10 fs Time Scale in Organic Charge Ordered and Dimer-Mott Insulators. EPJ Web of Conferences, 2013, 41, 03019.	0.3	0
116	Electrical Conductivity of PEDOT:PSS Film Prepared through Organic Compound Addition. Transactions of the Materials Research Society of Japan, 2013, 38, 363-367.	0.2	2
117	NMR study on field-induced charge anomaly in $\text{Cu}_3\text{Mo}_2\text{O}_9$. Journal of Physics: Conference Series, 2012, 400, 032056.	0.4	0
118	^{11}B -NMR study on Shastry-Sutherland system TbB_4 . Journal of Physics: Conference Series, 2012, 400, 032059.	0.4	3
119	NMR study on field-induced charge anomaly in $\text{Cu}_3\text{Mo}_2\text{O}_9$. Journal of Physics: Conference Series, 2012, 400, 032055.	0.4	0
120	Mott-Anderson Transition in Molecular Conductors: Influence of Randomness on Strongly Correlated Electrons in the β -(BEDT-TTF) $_2$ X System. Crystals, 2012, 2, 374-392.	2.2	37
121	Inhomogeneity of Superconductivity and Stripe Correlations at $x \approx 0.21$ in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$. Journal of Physics: Conference Series, 2012, 400, 022074.	0.4	1
122	pH dependence of carrier transport in PEDOT:PSS films investigated by THz and IR-UV spectroscopy. , 2012, , , and superconductivity featuring different anisotropies in the ternary iron silicide Lu_2FeSi_3 .		1
123	Temperature dependence of conductivity of PEDOT:PSS in terahertz region. , 2012, , .	3.2	21
124	Temperature dependence of conductivity of PEDOT:PSS in terahertz region. , 2012, , .		0
125	Microscopic Phase Separation in Triangular-Lattice Quantum Spin Magnet β -(BEDT-TTF) $_2$ Cu $_2$ (CN) $_3$ Probed by Muon Spin Relaxation. Journal of the Physical Society of Japan, 2012, 81, 063706.	1.6	35
126	Spin and Charge Transport in the X-ray Irradiated Quasi-2D Layered Compound: β -(BEDT-TTF) $_2$ Cu[N(CN) $_2$]Cl. Crystals, 2012, 2, 579-589.	2.2	3

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127	Influence of randomness on the Mott transition in $(\text{BEDT-TTF})_2\text{X}$. Physica Status Solidi (B): Basic Research, 2012, 249, 947-952.	1.5	8
128	PEDOT Nanocrystal in Highly Conductive PEDOT:PSS Polymer Films. Macromolecules, 2012, 45, 3859-3865.	4.8	357
129	Field-induced CDW in HMTSF-TCNQ. Physica B: Condensed Matter, 2012, 407, 1927-1929.	2.7	5
130	Nanometer-thin layered hydroxide platelets of $(\text{Y}_{0.95}\text{Eu}_{0.05})_2(\text{OH})_5\text{NO}_3 \cdot x\text{H}_2\text{O}$: exfoliation-free synthesis, self-assembly, and the derivation of dense oriented oxide films of high transparency and greatly enhanced luminescence. Journal of Materials Chemistry, 2011, 21, 6903.	6.7	72
131	Suppression of Superconductivity by Nonmagnetic Disorder in Organic Superconductor $(\text{BEDT-TTF})_2\text{Cu}(\text{NCS})_2$. Journal of the Physical Society of Japan, 2011, 80, 104703.	1.6	14
132	Safety of erlotinib treatment in outpatients with previously treated non-small-cell lung cancer in Japan. International Journal of Clinical Oncology, 2011, 16, 560-567.	2.2	6
133	Two pseudogaps with different energy scales at the antinode of the high-temperature $\text{Bi}_2\text{Sr}_2\text{CuO}_6$ superconductor using angle-resolved photoemission spectroscopy. Physical Review B, 2011, 83, .	3.2	13
134	Transport properties of HMTSF-TCNQ up to 8 GPa and a novel hysteresis and quantum oscillatory behavior in magnetoresistance in magnetic field up to 31 Tesla. Journal of Physics: Conference Series, 2010, 215, 012064.	0.4	5
135	Field-Induced Successive Phase Transitions in the Charge Density Wave Organic Conductor HMTSF-TCNQ. Journal of the Physical Society of Japan, 2010, 79, 103702.	1.6	7
136	Magnetic Properties of X-ray Irradiated Organic Mott Insulator $(\text{BEDT-TTF})_2\text{Cu}[\text{N}(\text{CN})_2]\text{Cl}$. Journal of the Physical Society of Japan, 2010, 79, 063706.	1.6	13
137	X-ray nanospectroscopy for attogram-scale two-dimensional nanomaterials using photoelectron emission microscopy. , 2010, , .		1
138	X-ray irradiation effect on magnetic properties of Dimer Mott insulators: $(\text{BEDT-TTF})_2\text{Cu}[\text{N}(\text{CN})_2]\text{Cl}$ and $(\text{BEDT-TTF})_2\text{CuCl}_2$. Physica B: Condensed Matter, 2010, 405, S244-S246.	2.7	14
139	Suppression of superconductivity by X-ray irradiation induced disorders in organic superconductor. Physica B: Condensed Matter, 2010, 405, S279-S281.	2.7	3
140	Xenon-plasma light ultrahigh-resolution ARPES study of low-energy single-particle excitation gap in $(\text{Bi,Pb})_2\text{Sr}_2\text{CuO}_6$. Physica C: Superconductivity and Its Applications, 2010, 470, S129-S131.	1.2	0
141	Successive bi-stable quantum phases in HMTSF-TCNQ induced by field-sweep. Physica B: Condensed Matter, 2010, 405, S111-S112.	2.7	4
142	Dynamic electron molecular vibration (EMV) interference during photoinduced metallization in charge ordered organic salt. , 2010, , .		0
143	Motional narrowing of phonon spectrum driven by ultrafast dielectric fluctuation in dimer Mott insulator. , 2010, , .		0
144	Anomalous dielectric response in the dimer Mott insulator $(\text{BEDT-TTF})_2\text{Cu}[\text{N}(\text{CN})_2]\text{Cl}$		

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145	Electron Localization near the Mott Transition in the Organic Superconductor $\hat{\rho}$ -(BEDT-TTF) $_2$ Cu[N(CN) $_2$]Br. Physical Review Letters, 2010, 104, 217003.	7.8	46
146	Ten Layered Hexagonal Perovskite Sr $_5$ Ru $_5\hat{\rho}$ xO $_{15}$ (x= 0.90), a Weak Ferromagnet with a Giant Coercive Field $H_c \approx 12$ T. Chemistry of Materials, 2010, 22, 5712-5717.	6.7	14
147	Early-Stage Dynamics of Light-Matter Interaction Leading to the Insulator-to-Metal Transition in a Charge Ordered Organic Crystal. Physical Review Letters, 2010, 105, 246402.	7.8	78
148	Possible Phase Transition Deep Inside the Hidden Order Phase of Ultraclean $\hat{\rho}$ -(BEDT-TTF) $_2$ Cu. Physical Review Letters, 2009, 102, 156403.	7.8	44
149	Magnetic anomalies of hydrous cobaltate compound $\hat{\rho}$ -(BEDT-TTF) $_2$ Cu[N(CN) $_2$]Br. Physical Review B, 2009, 79, .	3.2	2
151	Optical Modulation of Effective On-Site Coulomb Energy for the Mott Transition in an Organic Dimer Insulator. Physical Review Letters, 2009, 103, 066403.	7.8	61
152	Spatial mapping of electronic states in $\hat{\rho}$ -(BEDT-TTF) $_2$ X using infrared reflectivity. Science and Technology of Advanced Materials, 2009, 10, 024306.	6.1	12
153	Narrow Carrier Concentration Range of Superconductivity and Critical Point of Pseudogap Formation Temperature in Pb-Substituted Bi $_2$ Sr $_2$ CuO $_6$ + δ . Journal of the Physical Society of Japan, 2009, 78, 084722.	1.6	12
154	Thermal-transport measurements in a quantum spin-liquid state of the frustrated triangular magnet $\hat{\rho}$ -(BEDT-TTF) $_2$ Cu $_2$ (CN) $_3$. Nature Physics, 2009, 5, 44-47.	16.7	286
155	Metallic pattern fabrication in organic Mott insulating crystal by local X-ray irradiation. Solid State Communications, 2009, 149, 775-777.	1.9	3
156	Anomalous upper critical field in ternary iron-silicide superconductor Lu $_2$ Fe $_3$ Si $_5$. Physica C: Superconductivity and Its Applications, 2009, 469, 921-923.	1.2	7
157	Evolution of a Pairing-Induced Pseudogap from the Superconducting Gap of $\hat{\rho}$ -(BEDT-TTF) $_2$ Cu $_2$ (CN) $_3$. Physical Review Letters, 2009, 102, 227006.	7.8	46
158	Vortex phase diagram of underdoped YBa $_2$ Cu $_3$ O $_y$ single crystals in the magnetic field parallel to the <i>ab</i> -plane. Journal of Physics: Conference Series, 2009, 150, 052270.	0.4	2
159	Disorder effect on superconductivity in organic superconductor $\hat{\rho}$ -(BEDT-TTF) $_2$ Cu(NCS) $_2$. Journal of Physics: Conference Series, 2009, 150, 052224.	0.4	1
160	Competition between Mott transition and superconductivity under magnetic fields in strongly correlated organic superconductor $\hat{\rho}$ -(BEDT-TTF) $_2$ Cu[N(CN) $_2$] $_2$ Br. Journal of Physics: Conference Series, 2009, 150, 052225.	0.4	0
161	Photo-induced macroscopic oscillation between insulator and metal in layered organic Mott insulator. Springer Series in Chemical Physics, 2009, , 176-178.	0.2	0
162	Preparation, characterization, and electrochemical application of metal/metal ion loaded fullerene nanowhiskers. Journal of Solid State Electrochemistry, 2008, 12, 835-840.	2.5	13

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163	Oneâ€Nanometerâ€Thick Seed Layer of Unilamellar Nanosheets Promotes Oriented Growth of Oxide Crystal Films. <i>Advanced Materials</i> , 2008, 20, 231-235.	21.0	101
164	Waterâ€inâ€Oil Microemulsion Preparation and Characterization of Cs₂[Mo₆X₁₄]@SiO₂ Phosphor Nanoparticles Based on Transition Metal Clusters (Xâ€™%â€™%Cl, Br, and I). <i>Advanced Materials</i> , 2008, 20, 143-148.	21.0	103
165	Femtosecond mid-IR pumpâ€probe spectroscopy of photoinduced insulator to metal transition in dimer Mott insulator $\hat{\rho}$ -(BEDT-TTF) ₂ X. <i>Journal of Physics and Chemistry of Solids</i> , 2008, 69, 3085-3088.	4.0	2
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