

Takahiko Sasaki

List of Publications by Year in descending order

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancement of the High-Rate Capability of Solid-State Lithium Batteries by Nanoscale Interfacial Modification. <i>Advanced Materials</i> , 2006, 18, 2226-2229.	21.0	739
2	PEDOT Nanocrystal in Highly Conductive PEDOT:PSS Polymer Films. <i>Macromolecules</i> , 2012, 45, 3859-3865.	4.8	357
3	Layered MnO ₂ Nanobelts: Hydrothermal Synthesis and Electrochemical Measurements. <i>Advanced Materials</i> , 2004, 16, 918-922.	21.0	313
4	Thermal-transport measurements in a quantum spin-liquid state of the frustrated triangular magnet β -(BEDT-TTF) ₂ Cu ₂ (CN) ₃ . <i>Nature Physics</i> , 2009, 5, 44-47.	16.7	286
5	High- ϵ Dielectric Nanofilms Fabricated from Titania Nanosheets. <i>Advanced Materials</i> , 2006, 18, 1023-1027.	21.0	206
6	Superconducting Gap Structure of Spin-Triplet Superconductor Sr ₂ RuO ₄ Studied by Thermal Conductivity. <i>Physical Review Letters</i> , 2001, 86, 2653-2656.	7.8	195
7	Superconducting Gap Structure of β -(BEDT-TTF) ₂ Cu(NCS) ₂ Probed by Thermal Conductivity Tensor. <i>Physical Review Letters</i> , 2001, 88, 027002.	7.8	194
8	Anomalous dielectric response in the dimer Mott insulator β -(BEDT-TTF) ₂ Cu(NCS) ₂ . http://www.w3.org/1998/Math/MathML		

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19	Ferromagnetism in two-dimensional $\text{Ti}_0.8\text{Co}_0.2\text{O}_2$ nanosheets. <i>Physical Review B</i> , 2006, 73, .	3.2	95
20	High-energy spin and charge excitations in electron-doped copper oxide superconductors. <i>Nature Communications</i> , 2014, 5, 3714.	12.8	95
21	Magnetic Penetration Depth of $\hat{\mu}^{\pm}(\text{BEDT-TTF})_2\text{Cu}(\text{NCS})_2$ Strong Evidence for Conventional Cooper Pairing. <i>Physical Review Letters</i> , 1992, 69, 1443-1446.	7.8	89
22	Fluctuation effects and mixed-state properties of the layered organic superconductors $\hat{\mu}^{\pm}(\text{BEDT-TTF})_2\text{Cu}(\text{NCS})_2$ and $\hat{\mu}^{\pm}(\text{BEDT-TTF})_2\text{Cu}[\text{N}(\text{CN})_2]\text{Br}$. <i>Physical Review B</i> , 1994, 49, 15227-15234.	3.2	88
23	Low-temperature electrical conductivity of highly conducting polyacetylene in a magnetic field. <i>Physical Review B</i> , 1991, 43, 11829-11839.	3.2	81
24	Early-Stage Dynamics of Light-Matter Interaction Leading to the Insulator-to-Metal Transition in a Charge Ordered Organic Crystal. <i>Physical Review Letters</i> , 2010, 105, 246402.	7.8	78
25	Anisotropic galvanomagnetic effect in the quasi-two-dimensional organic conductor $\hat{\mu}^{\pm}(\text{BEDT-TTF})_2\text{KHg}(\text{SCN})_4$, where BEDT-TTF is bis(ethylenedithio)tetrathiafulvalene. <i>Physical Review B</i> , 1994, 49, 10120-10130.	3.2	77
26	High-resolution ac-calorimetry studies of the quasi-two-dimensional organic superconductor $\hat{\mu}^{\pm}(\text{BEDT-TTF})_2\text{Cu}(\text{NCS})_2$. <i>Physical Review B</i> , 2002, 65, .	3.2	77
27	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. <i>Journal of Materials Chemistry</i> , 2011, 21, 6903.	6.7	72
28	Zero Field Muon Spin Relaxation Study of the Low Temperature State in $\hat{\mu}^{\pm}(\text{BEDT-TTF})_2\text{KHg}(\text{SCN})_4$. <i>Physical Review Letters</i> , 1995, 74, 3892-3895.	7.8	71
29	Magnetic Field Induced Sign Reversal of the Anomalous Hall Effect in a Pyrochlore Ferromagnet $\text{Nd}_2\text{Mo}_2\text{O}_7$: Evidence for a Spin Chirality Mechanism. <i>Physical Review Letters</i> , 2003, 90, 257202.	7.8	71
30	Evolution of the Electronic State through the Reduction Annealing in Electron-Doped $\text{Pr}_{1.3-x}\text{La}_{0.7}\text{Ce}_x\text{CuO}_4 + \hat{\mu}^{\pm} (x=0.10)$ Single Crystals: Antiferromagnetism, Kondo Effect, and Superconductivity. <i>Journal of the Physical Society of Japan</i> , 2013, 82, 063713.	1.6	68
31	Quantum liquid of vortices in the quasi-two-dimensional organic superconductor $\hat{\mu}^{\pm}(\text{BEDT-TTF})_2\text{Cu}(\text{NCS})_2$. <i>Physical Review B</i> , 1998, 57, 10889-10892.	3.2	66
32	Phase transition in the vortex liquid and the critical endpoint in $\text{YBa}_2\text{Cu}_3\text{O}_y$. <i>Physical Review B</i> , 2002, 66, .	3.2	66
33	Magnetic phase diagram of the organic conductor $\hat{\mu}^{\pm}(\text{BEDT-TTF})_2\text{KHg}(\text{SCN})_4$. <i>Solid State Communications</i> , 1992, 82, 447-451.	1.9	65
34	Improved creep strength and creep ductility of type 347 austenitic stainless steel through the self-healing effect of boron for creep cavitation. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2005, 36, 399-409.	2.2	63
35	Investigation of Vortex Behavior in the Organic Superconductor $\hat{\mu}^{\pm}(\text{BEDT-TTF})_2\text{Cu}(\text{SCN})_2$ Using Muon Spin Rotation. <i>Physical Review Letters</i> , 1997, 79, 1563-1566.	7.8	62
36	Cyclotron Mass and Dingle Temperature of Conduction Electrons Moving in Layered Planes of Organic Superconductors: $\hat{\mu}^{\pm}(\text{BEDT-TTF})_2\text{IBr}_2$, $\hat{\mu}^{\pm}(\text{BEDT-TTF})_2\text{I}_3$ and $\hat{\mu}^{\pm}(\text{BEDT-TTF})_2\text{Cu}(\text{NCS})_2$. <i>Journal of the Physical Society of Japan</i> , 1988, 57, 2616-2619.	1.6	61

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37	Evidence of many-body renormalizations in some organic conductors. <i>Solid State Communications</i> , 1989, 72, 859-862.	1.9	61
38	Optical Modulation of Effective On-Site Coulomb Energy for the Mott Transition in an Organic Dimer Insulator. <i>Physical Review Letters</i> , 2009, 103, 066403.	7.8	61
39	Quantum Spin Liquid Emerging from Antiferromagnetic Order by Introducing Disorder. <i>Physical Review Letters</i> , 2015, 115, 077001.	7.8	61
40	Transport properties of organic conductor (BEDT-TTF) ₂ KHg(SCN) ₄ : II. Shubnikov-de Haas oscillations and spin-splitting effect. <i>Solid State Communications</i> , 1990, 75, 97-100.	1.9	59
41	Optical freezing of charge motion in an organic conductor. <i>Nature Communications</i> , 2014, 5, 5528.	12.8	59
42	Magnetic and electronic phase diagram and superconductivity in the organic superconductors $\kappa^{\pm}(\text{ET})_2\text{X}$. <i>Physical Review B</i> , 2002, 65, .	3.2	58
43	Angle-dependent magnetoresistance of the layered organic superconductor $\kappa^{\pm}(\text{ET})_2\text{Cu}(\text{NCS})_2$: Simulation and experiment. <i>Physical Review B</i> , 2004, 69, .	3.2	58
44	Evidence of nodal superconductivity in $\text{Na}_{0.35}\text{CoO}_2 \cdot 1.3\text{H}_2\text{O}$: A specific-heat study. <i>Physical Review B</i> , 2005, 71, .	3.2	58
45	Imaging Phase Separation near the Mott Boundary of the Correlated Organic Superconductors $\kappa^{\pm}(\text{BEDT-TTF})_2\text{X}$. <i>Physical Review Letters</i> , 2004, 92, 227001.	7.8	57
46	Transport properties of $\kappa^{\pm}(\text{BEDT-TTF})_2\text{Cu}(\text{NCS})_2$; HC2, Its anisotropy and their pressure dependence. <i>Synthetic Metals</i> , 1988, 27, A341-A346.	3.9	56
47	Collective Excitation of an Electric Dipole on a Molecular Dimer in an Organic Dimer-Mott Insulator. <i>Physical Review Letters</i> , 2013, 110, 106401.	7.8	56
48	Magnetic penetration depth of $\kappa^{\pm}(\text{BEDT-TTF})_2\text{Cu}[\text{N}(\text{CN})_2]\text{Br}$, determined from the reversible magnetization. <i>Physical Review B</i> , 1992, 46, 5822-5825.	3.2	55
49	Growth of Single Crystals in the Bi-Sr-Ca-Cu-O System Using KCl as a Flux. <i>Japanese Journal of Applied Physics</i> , 1989, 28, L791-L793.	1.5	50
50	Observation of superconductivity-induced phonon frequency changes in the organic superconductor $\kappa^{\pm}(\text{BEDT-TTF})_2\text{Cu}(\text{NCS})_2$. <i>Europhysics Letters</i> , 1997, 37, 627-632.	2.0	50
51	Bulk electronic structure of $\text{Na}_{0.35}\text{CoO}_2 \cdot 1.3\text{H}_2\text{O}$. <i>Physical Review B</i> , 2004, 69, .	3.2	49
52	Real Space Imaging of the Metal-Insulator Phase Separation in the Band Width Controlled Organic Mott System $\kappa^{\pm}(\text{BEDT-TTF})_2\text{Cu}[\text{N}(\text{CN})_2]\text{Br}$. <i>Journal of the Physical Society of Japan</i> , 2005, 74, 2351-2360.	1.6	49
53	Superconductivity and physical properties of $\text{Ba}_{24}\text{Si}_{100}$ determined from electric transport, specific-heat capacity, and magnetic susceptibility measurements. <i>Physical Review B</i> , 2005, 72, .	3.2	47
54	Relaxor ferroelectricity induced by electron correlations in a molecular dimer Mott insulator. <i>Physical Review B</i> , 2013, 87, .	3.2	47

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55	Evolution of a Pairing-induced Pseudogap from the Superconducting Gap of $Tl_2Ba_2CuO_{7-x}$. <i>Physical Review Letters</i> , 2009, 102, 227006.	7.8	46
56	Electron Localization near the Mott Transition in the Organic Superconductor $(BEDT-TTF)_2Cu[N(CN)_2]Br$. <i>Physical Review Letters</i> , 2010, 104, 217003.	7.8	46
57	Electronic correlation in the infrared optical properties of the quasi-two-dimensional \hat{e} -type BEDT-TTF dimer system. <i>Physical Review B</i> , 2004, 69, .	3.2	44
58	Possible Phase Transition Deep Inside the Hidden Order Phase of Ultraclean Si . <i>Physical Review Letters</i> , 2009, 102, 156403.	7.8	44
59	Strongly correlated superconductivity in a copper-based metal-organic framework with a perfect kagome lattice. <i>Science Advances</i> , 2021, 7, .	10.3	44
60	Superconductivity of BEDT-TTF salts: (I) Effect, of pressure and alloying and (II) Shubnikov de Haas effect. <i>Synthetic Metals</i> , 1988, 27, A263-A270.	3.9	43
61	Interplay of the spin-density-wave state and magnetic field in the organic conductor $\hat{1}\pm$ -(BEDT-TTF) $_2$ KHg(SCN) $_4$. <i>Physical Review B</i> , 1996, 54, 12969-12978.	3.2	43
62	Magnetic torque of $\hat{1}\pm$ -(BETS) $_2$ FeCl $_4$. <i>Synthetic Metals</i> , 2001, 120, 759-760.	3.9	41
63	Breakdown of Hooke's law of elasticity at the Mott critical endpoint in an organic conductor. <i>Science Advances</i> , 2016, 2, e1601646.	10.3	41
64	Magnetoresistance in $\hat{1}^2$ -(BEDT-TTF) $_2$ I $_3$ and $\hat{1}^2$ -(BEDT-TTF) $_2$ I $_2$ Br $_2$: Shubnikov-de Haas Effect. <i>Journal of the Physical Society of Japan</i> , 1988, 57, 1540-1543.	1.6	39
65	Comparative thermal-expansion study of $\hat{1}^2$ -(ET) $_2$ SF $_5$ CH $_2$ CF $_2$ SO $_3$ and $\hat{1}^2$ -(ET) $_2$ Cu(NCS) $_2$: Uniaxial pressure coefficients of T_c and upper critical fields. <i>Physical Review B</i> , 2000, 61, 11739-11744.	3.2	39
66	Quantum-disordered state of magnetic and electric dipoles in an organic Mott system. <i>Nature Communications</i> , 2017, 8, 1821.	12.8	38
67	Optical Probe of Carrier Doping by X-Ray Irradiation in the Organic Dimer Mott Insulator $\hat{1}^2$ -(BEDT-TTF) $_2$ Cu[N(CN) $_2$]Cl. <i>Physical Review Letters</i> , 2008, 101, 206403.	7.8	38
68	On the resistance maximum in high- T_c K-(BEDT-TTF) $_2$ Cu(NCS) $_2$. <i>Solid State Communications</i> , 1990, 74, 361-365.	1.9	37
69	Lattice Parameters of $\hat{1}^e$ -(BEDT-TTF) $_2$ Cu[N(CN) $_2$]Br. <i>Journal of the Physical Society of Japan</i> , 1991, 60, 3608-3611.	1.6	37
70	Growth of Single Crystals in the Systems with $R\hat{1}^e$ -B and $R\hat{1}^e$ -B $\hat{1}^e$ -C (R=Rare Earth Element) from Molten Copper Flux. <i>Journal of Solid State Chemistry</i> , 1997, 133, 82-87.	2.9	37
71	Mott-Anderson Transition in Molecular Conductors: Influence of Randomness on Strongly Correlated Electrons in the $\hat{1}^e$ -(BEDT-TTF) $_2$ X System. <i>Crystals</i> , 2012, 2, 374-392.	2.2	37
72	Crystallization and vitrification of electrons in a glass-forming charge liquid. <i>Science</i> , 2017, 357, 1381-1385.	12.6	37

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73	Magnetic-field effects on the in-plane electrical resistivity in single-crystal $\text{La}_{2-x}\text{Ba}_x\text{CuO}_4$ and $\text{La}_{1.6-x}\text{Nd}_{0.4}\text{Sr}_x\text{CuO}_4$ around $x=18$: Implication for the field-induced stripe order. <i>Physical Review B</i> , 2005, 71, .	3.2	36
74	Mesoscopic 2D Charge Transport in Commonplace PEDOT:PSS Films. <i>Advanced Electronic Materials</i> , 2018, 4, 1700490.	5.1	36
75	Microscopic Phase Separation in Triangular-Lattice Quantum Spin Magnet $\beta\text{-(BEDT-TTF)}_2\text{Cu}_2(\text{CN})_3$ Probed by Muon Spin Relaxation. <i>Journal of the Physical Society of Japan</i> , 2012, 81, 063706.	1.6	35
76	Anisotropic properties of the anomalous second peak in the magnetization curves and the irreversibility field of $\text{YBa}_2\text{Cu}_3\text{O}_y$ ($6.6 \leq y \leq 6.9$) single crystals. <i>Physica C: Superconductivity and Its Applications</i> , 1995, 251, 255-262.	1.2	34
77	A New Superconducting Phase of Sodium Cobalt Oxide. <i>Advanced Materials</i> , 2004, 16, 1901-1905.	21.0	34
78	On the magnetic breakdown oscillations in organic superconductor $\kappa\text{-(BEDT-TTF)}_2\text{Cu}(\text{NCS})_2$. <i>Physica C: Superconductivity and Its Applications</i> , 1991, 185-189, 2687-2688.	1.2	33
79	Anomalous magnetization and dimensional crossover of the vortex system in the organic superconductor $\beta\text{-(BEDT-TTF)}_2\text{Cu}(\text{NCS})_2$. <i>Physical Review B</i> , 1996, 54, R3760-R3763.	3.2	33
80	High strength and superconductivity in nanostructured niobium-titanium alloy by high-pressure torsion and annealing: Significance of elemental decomposition and supersaturation. <i>Acta Materialia</i> , 2014, 80, 149-158.	7.9	33
81	Electrical resistance and superconducting transitions in non-deuterated and deuterated $\beta\text{-(BEDT-TTF)}_2\text{Cu}[\text{N}(\text{CN})_2]\text{Br}$. <i>Physica C: Superconductivity and Its Applications</i> , 1991, 185-189, 2679-2680.	1.2	30
82	Substitution Effect by Deuterated Donors on Superconductivity in $\beta\text{-(BEDT-TTF)}_2\text{Cu}[\text{N}(\text{CN})_2]\text{Br}$. <i>Journal of the Physical Society of Japan</i> , 2004, 73, 1434-1437.	1.6	30
83	Synthesis and characterization of the nonstoichiometric perovskite-type compound ScRh_3B_x . <i>Journal of Alloys and Compounds</i> , 2000, 309, 107-112.	5.5	29
84	Interface-dependent magnetotransport properties for thin Pt films on ferrimagnetic $\text{Y}_3\text{Fe}_5\text{O}_{12}$. <i>Applied Physics Letters</i> , 2014, 104, .	3.3	29
85	Direct Observation of Reconstructed Fermi Surfaces of (TMTSF) $_2\text{ClO}_4$ Utilizing the Third Angular Effect of Magnetoresistance. <i>Journal of the Physical Society of Japan</i> , 1999, 68, 3142-3145.	1.6	28
86	Low-temperature vortex liquid states induced by quantum fluctuations in the quasi-two-dimensional organic superconductor $\beta\text{-(BEDT-TTF)}_2\text{Cu}(\text{NCS})_2$. <i>Physical Review B</i> , 2002, 66, .	3.2	28
87	Laser-excited ultrahigh-resolution photoemission spectroscopy of $\text{Na}_x\text{CoO}_2 \cdot y\text{H}_2\text{O}$: Evidence for pseudogap formation. <i>Physical Review B</i> , 2005, 71, .	3.2	28
88	X-ray Irradiation-Induced Carrier Doping Effects in Organic Dimer Mott Insulators. <i>Journal of the Physical Society of Japan</i> , 2007, 76, 123701.	1.6	28
89	Nonlinear charge oscillation driven by a single-cycle light field in an organic superconductor. <i>Nature Photonics</i> , 2018, 12, 474-478.	31.4	28
90	Shadow bands in single-layered $\text{Bi}_2\text{Sr}_2\text{CuO}_6$ studied by angle-resolved photoemission spectroscopy. <i>Physical Review B</i> , 2006, 74, .	3.2	27

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91	Hall effect in the organic conductor \hat{I}_{\pm} -(BEDT-TTF)2KHg(SCN)4, where BEDT-TTF is bis(ethylenedithio)tetrathiafulvalene. Physical Review B, 1993, 48, 1928-1931.	3.2	26
92	High-resolution photoemission study of metallic, insulating, and superconducting BEDT-TTF salts. Physical Review B, 1997, 56, 9082-9090.	3.2	26
93	New equilibrium phase diagram of YBa2Cu3Oy under high magnetic fields. Physica C: Superconductivity and Its Applications, 2000, 341-348, 957-960.	1.2	26
94	Impurity Effect on the In-plane Penetration Depth of the Organic Superconductors \hat{I}_{\pm} -(BEDT-TTF)2X(X=) Tj ETQq0 0 0 rgBT /Overlock 10	1.6	26
95	Superconducting Properties under Magnetic Field in Na0.35CoO2 \hat{A} .1.3H2O Single Crystal. Journal of the Physical Society of Japan, 2004, 73, 1131-1134.	1.6	26
96	Magnetic control of electric polarization in the noncentrosymmetric compound (Cu,Ni)B \langle 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>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mrow /><mml:mn>4</mml:mn></mml:msub></mml:math>. Physical Review B, 2013, 87, .	3.2	26
97	Fermi Surfaces and Crystal Structure of a New Organic Conductor \hat{I}_{\pm} -(BEDT-TTF)2KHg(SeCN)4. Journal of the Physical Society of Japan, 1996, 65, 213-220.	1.6	25
98	Properties of ferromagnetic Ga/sub 1-x/Mn/sub x/N films grown by ammonia-MBE. IEEE Transactions on Magnetics, 2002, 38, 2859-2862.	2.1	25
99	Superconducting properties in bulk nanostructured niobium prepared by high-pressure torsion. Physica C: Superconductivity and Its Applications, 2013, 493, 132-135.	1.2	25
100	Structural and electronic properties of metal-silicide/silicon interfaces: A first-principles study. Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena, 2001, 19, 1180.	1.6	24
101	Unconventional Superconductivity Induced by Quantum Critical Fluctuations in Hydrate Cobaltate Nax(H3O)zCoO2 \hat{A} .yH2O \hat{a} €“Relationship between Magnetic Fluctuations and Superconductivity Revealed by Co Nuclear Quadrupole Resonance \hat{a} €“. Journal of the Physical Society of Japan, 2006, 75, 124714.	1.6	23
102	Mott metal-insulator transition induced by utilizing a glasslike structural ordering in low-dimensional molecular conductors. Physical Review B, 2014, 90, .	3.2	23
103	Pseudogap Behavior of the Nuclear Spin \hat{a} €“Lattice Relaxation Rate in FeSe Probed by \langle sup>77</sup>Se-NMR. Journal of the Physical Society of Japan, 2018, 87, 013704.	1.6	23
104	Electronic Griffiths Phase in Disordered Mott-Transition Systems. Physical Review Letters, 2020, 124, 046404.	7.8	23
105	Disorder Effect on the Vortex Pinning by the Cooling-Process Control in the Organic Superconductor \hat{I}_{\pm} -(BEDT-TTF)2Cu[N(CN)2]Br. Journal of the Physical Society of Japan, 2004, 73, 184-189.	1.6	22
106	Anomalies in static spin susceptibility and hydrogen bonding in high-Tc \hat{I}_{\pm} -(BEDT-TTF)2Cu(NCS)2: possible valence mixing of Cu ions. Physica C: Superconductivity and Its Applications, 1991, 178, 339-344.	1.2	21
107	\langle 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>Fe<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>Si<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>. Physical Review Letters, 2015, 114, 216403.	3.2	21
108	Critical Slowing Down of the Charge Carrier Dynamics at the Mott Metal-Insulator Transition. Physical Review Letters, 2015, 114, 216403.	7.8	21

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109	Spin dynamics in the high-field phases of volborthite. <i>Physical Review B</i> , 2017, 96, .	3.2	21
110	Crystal growth of a new orthorhombic ErBa(Cu,Pt)O ₄ material: Crystal chemistry and characterization. <i>Journal of Crystal Growth</i> , 1987, 85, 599-601.	1.5	20
111	Interlayer Spacing of $\hat{\Gamma}_2$ -(BEDT-TTF) ₂ Cu(NCS) ₂ . <i>Journal of the Physical Society of Japan</i> , 1991, 60, 2118-2121.	1.6	20
112	Cyclotron resonance measurements of organic conductor $\hat{\Gamma}_2$ -(BEDT-TTF) ₂ KHg(SeCN) ₄ . <i>Synthetic Metals</i> , 1997, 86, 2011-2012.	3.9	20
113	Magnetic-field-induced spin flop transition and magnetoelectric effect in $\text{CaFeAl}_2\text{O}_7$. <i>Physical Review B</i> , 2014, 89, .	3.2	20
114	Sound velocity change at superconducting transition in $\hat{\Gamma}_2$ -(BEDT-TTF) ₂ Cu(NCS) ₂ . <i>Solid State Communications</i> , 1994, 89, 701-704.	1.9	19
115	Internal magnetic structure and spin dynamics in transverse field of the molecular nanomagnet Mn ₁₂ -acetate studied by ⁵⁵ Mn NMR. <i>Physical Review B</i> , 2003, 67, .	3.2	19
116	Phonon softening in Na _x CoO ₂ ·yH ₂ O: Implications for the Fermi surface topology and the superconducting state. <i>Physical Review B</i> , 2006, 74, .	3.2	19
117	Emergence of charge degrees of freedom under high pressure in the organic dimer Mott insulator $\text{Ca}_2\text{Fe}_2\text{O}_7$. <i>Physical Review B</i> , 2015, 92, .	3.2	19
118	Structural Alternation Correlated to the Conductivity Enhancement of PEDOT:PSS Films by Secondary Doping. <i>Journal of Physical Chemistry C</i> , 2019, 123, 13467-13471.	3.1	19
119	Shubnikov-de Haas oscillations in the two-dimensional organic conductor $\hat{\Gamma}_2$ -(EDO)S ₂ DMEDT(TTF) ₂ (AuBr ₂) _{1+y} (y ≈ 0.75). <i>Physical Review B</i> , 2002, 66, .	3.2	18
120	Comparison of the normal-state properties of $\hat{\Gamma}_2$ -(BEDT-TTF) ₂ Cu(NCS) ₂ and its deuterated analogue in high magnetic fields and under high hydrostatic pressures. <i>Journal of Physics Condensed Matter</i> , 2002, 14, L495-L502.	1.8	18
121	Foreign ownership and plant productivity in the Thai automobile industry in 1996 and 1998: a conditional quantile analysis. <i>Journal of Asian Economics</i> , 2004, 15, 321-353.	2.7	18
122	Hole-doping and magnetic-field effects on the pseudogap in Bi _{1.74} Pb _{0.38} Sr _{1.88} CuO ₆ + $\hat{\Gamma}$ studied by the out-of-plane resistivity. <i>Physica C: Superconductivity and Its Applications</i> , 2005, 426-431, 251-256.	1.2	18
123	Crystal growth and properties of R ₂ Ba ₂ CuPtO ₈ (R = Ho, Er, Y), R ₂ Ba ₃ Cu ₂ PtO ₁₀ and Ba ₄ CuPt ₂ O ₉ . <i>Journal of Crystal Growth</i> , 1991, 109, 426-431.	1.5	17
124	Crystal growth and properties of R ₂ Ba ₂ CuPtO ₈ (R = Ho, Er, Y), R ₂ Ba ₃ Cu ₂ PtO ₁₀ and Ba ₄ CuPt ₂ O ₉ . <i>Journal of Crystal Growth</i> , 1991, 109, 426-431.	1.5	17
125	Splitting wave form of the magnetic quantum oscillations in $\hat{\Gamma}_2$ -(BEDT-TTF) ₂ KHg(SCN) ₄ , where BEDT-TTF is bis(ethylenedithio)tetrathiafulvalene. <i>Physical Review B</i> , 1993, 48, 11457-11460.	3.2	17
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