Takehiko Mori

List of Publications by Year
in descending order

375 papers	10,371 citations	47006 47 h-index	54911 84 g-index
383 all docs	383 docs citations	383 times ranked	4793 citing authors

#	Article	IF	Citations
1	The Intermolecular Interaction of Tetrathiafulvalene and Bis(ethylenedithio)tetrathiafulvalene in Organic Metals. Calculation of Orbital Overlaps and Models of Energy-band Structures. Bulletin of the Chemical Society of Japan, 1984, 57, 627-633.	3.2	705
2	Systematic study of the electronic state in Î¸-type BEDT-TTF organic conductors by changing the electronic correlation. Physical Review B, 1998, 57, 12023-12029.	3.2	306
3	Structural Genealogy of BEDT-TTF-Based Organic Conductors I. Parallel Molecules:Î²andÎ²â€³ Phases. Bulletin of the Chemical Society of Japan, 1998, 71, 2509-2526.	3.2	300
4	Structural Genealogy of BEDT-TTF-Based Organic Conductors II. Inclined Molecules:Î¸,Î±, andÎºPhases. Bulletin of the Chemical Society of Japan, 1999, 72, 179-197.	3.2	300
5	Crystal and Electronic Structures of (BEDTâ€"TTF)2[MHg(SCN)4](M=K and NH4). Bulletin of the Chemical Society of Japan, 1990, 63, 2183-2190.	3.2	258
6	BAND STRUCTURES OF TWO TYPES OF (BEDT-TTF)2I3. Chemistry Letters, 1984, 13, 957-960.	1.3	256
7	Estimation of Ï€d-Interactions in Organic Conductors Including Magnetic Anions. Journal of the Physical Society of Japan, 2002, 71, 826-844.	1.6	160
8	Naphthodithiophenediimideâ€"Benzobisthiadiazole-Based Polymers: Versatile n-Type Materials for Field-Effect Transistors and Thermoelectric Devices. Macromolecules, 2017, 50, 857-864.	4.8	145
9	A Novel Type of Organic Semiconductors. Molecular Fastener. Chemistry Letters, 1986, 15, 1263-1266.	1.3	130
10	(DTEDT)[Au(CN)2]0.4: An Organic Superconductor Based on the NovelÏ€-Electron Framework of Vinylogous Bis-Fused Tetrathiafulvalene. Angewandte Chemie International Edition in English, 1995, 34, 1222-1225.	4.4	128
11	Organic Conductors with Unusual Band Fillings. Chemical Reviews, 2004, 104, 4947-4970.	47.7	124
12	Electrical conductivity, thermoelectric power, and ESR of a new family of molecular conductors, dicyanoquinonediimine-metal [(DCNQI)2M] compounds. Physical Review B, 1988, 38, 5913-5923.	3.2	120
13	Structural aspects of the ambient-pressure BEDT-TTF superconductors. Journal of the American Chemical Society, 1993, 115, 11319-11327.	13.7	118
14	Structural Genealogy of BEDT-TTF-Based Organic Conductors III. Twisted Molecules:Î´andÎ±â€² Phases. Bulletin of the Chemical Society of Japan, 1999, 72, 2011-2027.	3.2	115
15	(Tetrathiafulvalene)(tetracyanoquinodimethane) as a low-contact-resistance electrode for organic transistors. Applied Physics Letters, 2007, 90, 193509.	3.3	106
16	Suppressed Triplet Exciton Diffusion Due to Small Orbital Overlap as a Key Design Factor for Ultralongâ€Lived Roomâ€Temperature Phosphorescence in Molecular Crystals. Advanced Materials, 2019, 31, e1807268.	21.0	99
17	Crystal Structures and Electrical Properties of BEDT-TTF Coeipounds. Molecular Crystals and Liquid Crystals, 1984, 107, 33-43.	0.8	97
18	Highâ€Performance nâ€Channel Organic Transistors Using Highâ€Molecularâ€Weight Electronâ€Deficient Copolymers and Amineâ€Tailed Selfâ€Assembled Monolayers. Advanced Materials, 2018, 30, e1707164.	21.0	97

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19	Non-Stripe Charge Order in the Î¸-Phase Organic Conductors. Journal of the Physical Society of Japan, 2003, 72, 1469-1475.	1.6	91
20	Intermolecular energyâ€band dispersion in oriented thin films of bis(1,2,5â€thiadiazolo)â€pâ€quinobis(1,3â€dithiole) by angleâ€resolved photoemission. Journal of Chemical Physics, 1994, 100, 6969-6973.	3.0	84
21	Crystal Structure and Physical Properties of M = Rb and Tl Salts of (BEDT-TTF)2MMâ€²(SCN)4[Mâ€² = Co, Zn]. Bulletin of the Chemical Society of Japan, 1998, 71, 797-806.	3.2	84
22	Superconductivity in (BEDT-TTF)3Cl22H2O. Solid State Communications, 1987, 64, 335-337.	1.9	80
23	High performance ambipolar organic field-effect transistors based on indigo derivatives. Journal of Materials Chemistry C, 2014, 2, 9311-9317.	5.5	80
24	Crystal Structures of Highly Conducting Iodine Complexes of TTM-TTP. Bulletin of the Chemical Society of Japan, 1994, 67, 661-667.	3.2	79
25	Estimation of Off-Site Coulomb Integrals and Phase Diagrams of Charge Ordered States in theÎ¸-Phase Organic Conductors. Bulletin of the Chemical Society of Japan, 2000, 73, 2243-2253.	3.2	79
26	Large Dielectric Constant and Giant Nonlinear Conduction in the Organic Conductor Î¸-(BEDT-TTF)2CsZn(SCN)4. Journal of the Physical Society of Japan, 2004, 73, 3364-3369.	1.6	78
27	A plane-grating monochromator for 2 eV â‰ hv â‰ 150 eV. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1986, 246, 264-266.	1.6	76
28	Rational Design of Highâ€Mobility Semicrystalline Conjugated Polymers with Tunable Charge Polarity: Beyond Benzobisthiadiazoleâ€Based Polymers. Advanced Functional Materials, 2017, 27, 1604608.	14.9	74
29	Electrical properties and crystal structures of mercury (II) thiocyanate salts based upon BEDTî—¸TTF with Li+, K+, NH+4, Rb+, and Cs+. Solid State Communications, 1990, 74, 1261-1264.	1.9	73
30	Crystal Structures and Electrical Resistivities of Three-Component Organic Conductors: (BEDT-TTF)2MMâ€²(SCN)4[M = K, Rb, Cs; Mâ€² = Co, Zn, Cd]. Bulletin of the Chemical Society of Japan, 1995, 68, 1136-1144.	3.2	73
31	A High-Conductivity Crystal Containing a Copper(I) Coordination Polymer Bridged by the Organic Acceptor TANC. Angewandte Chemie - International Edition, 2006, 45, 5144-5147.	13.8	69
32	Contact resistance of dibenzotetrathiafulvalene-based organic transistors with metal and organic electrodes. Applied Physics Letters, 2008, 92, .	3.3	68
33	Crystal Structures of M(DCNQIs)2(DCNQIs=N,Nâ€²-dicyanoquinonediimines; M=Li, Na, K, NH4, Cu, Ag). Chemistry Letters, 1987, 16, 1579-1582.	1.3	66
34	Stable Metallic Behavior and Antiferromagnetic Ordering of Fe(III)dSpins in (EDO-TTFVO)2Â·FeCl4. Journal of the American Chemical Society, 2005, 127, 14166-14167.	13.7	65
35	TRANSVERSE CONDUCTION AND METAL-INSULATOR TRANSITION IN Î²-(BEDT-TTF)2PF6. Chemistry Letters, 1983, 12, 581-584.	1.3	64
36	Benzothienobenzothiophene-Based Molecular Conductors: High Conductivity, Large Thermoelectric Power Factor, and One-Dimensional Instability. Journal of the American Chemical Society, 2016, 138, 3920-3925.	13.7	64

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37	Thermoelectric Power of Organic Superconductors â€“Calculation on the Basis of the Tight-Binding Theory. Journal of the Physical Society of Japan, 1988, 57, 3674-3677.	1.6	60
38	Structure and Conducting Properties of BDT-TTP Salts. Chemistry Letters, 1994, 23, 1653-1656.	1.3	60
39	Pressure-Induced One-Dimensional Instability in (DMDCNQI)2Cu. Journal of the Physical Society of Japan, 1987, 56, 3429-3431.	1.6	59
40	Crystal Structure and Physical Properties of (BDT-TTP)2ClO4. Bulletin of the Chemical Society of Japan, 1994, 67, 2685-2689.	3.2	56
41	A BEDT-TTF Complex Including a Magnetic Anion, (BEDT-TTF)3(MnCl4)2. Bulletin of the Chemical Society of Japan, 1988, 61, 591-593.	3.2	54
42	New Semiconducting Polymers Based on Benzobisthiadiazole Analogues: Tuning of Charge Polarity in Thin Film Transistors via Heteroatom Substitution. Macromolecules, 2015, 48, 4012-4023.	4.8	54
43	A new ambient-pressure organic superonductor, Îº-(BEDT-TTF)2Ag(CN)2H2O (TC=5.0 K). Solid State Communications, 1990, 76, 35-37.	1.9	53
44	Organic field-effect transistors based on new TTF-based liquid crystalline materials. Synthetic Metals, 2005, 149, 219-223.	3.9	52
45	Superconductivity in (BEDTî—¸TTF)4Pt(CN) 4H2O. Solid State Communications, 1991, 80, 411-415.	1.9	48
46	Benzobisthiadiazole-based conjugated donorâ€“acceptor polymers for organic thin film transistors: effects of Ï€-conjugated bridges on ambipolar transport. Journal of Materials Chemistry C, 2015, 3, 1196-1207.	5.5	48
47	UNCAPPED ALKYLTHIO SUBSTITUTED TETRATHIAFULVALENES (TTCn-TTF) AND THEIR CHARGE TRANSFER COMPLEXES. Chemistry Letters, 1986, 15, 441-444.	1.3	47
48	CRYSTAL AND BAND STRUCTURES OF AN ORGANIC CONDUCTOR Î²â€³-(BEDT-TTF)2AuBr2. Chemistry Letters, 1986, 15, 1037-1040.	1.3	47
49	Dâ€A₁â€Dâ€A₂ Backbone Strategy for Benzobisthiadiazole Based nâ€Channel Organic Transistors: Clarifying the Seleniumâ€Substitution Effect on the Molecular Packing and Charge Transport Properties in Electronâ€Deficient Polymers. Advanced Functional Materials, 2017, 27, 1701486.	14.9	47
50	Crystal Structure of the Mixed-Stacked Salt of Bis(ethylenedithio)tetrathiafulvalene (BEDT-TTF) and Tetracyanoquinodimethane (TCNQ). Bulletin of the Chemical Society of Japan, 1987, 60, 402-404.	3.2	46
51	Crystal and electronic structures of the organic superconductors, Ï°-(BEDT-TTF)2Cu(CN)[N(CN)2] and Ï°'-(BEDT-TTF)2Cu2(CN)3. Solid State Communications, 1992, 82, 101-105.	1.9	46
52	Band-like transport down to 20â€‰K in organic single-crystal transistors based on dioctylbenzothienobenzothiophene. Applied Physics Letters, 2015, 106, .	3.3	46
53	Organic superconductor with an incommensurate anion structure:â€ƒ(MDTâˆ’TSF)(AuI2)0.44. Physical Review B, 2002, 65, .	3.2	45
54	Correlation of mobility and molecular packing in organic transistors based on cycloalkyl naphthalene diimides. Journal of Materials Chemistry C, 2013, 1, 5395.	5.5	45

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55	Air-stable n-channel organic field-effect transistors based on charge-transfer complexes including dimethoxybenzothienobenzothiophene and tetracyanoquinodimethane derivatives. Journal of Materials Chemistry C, 2016, 4, 5981-5987.	5.5	45
56	THE CRYSTAL STRUCTURES AND ELECTRICAL RESISTIVITIES OF (BEDT-TTF)3(ClO4)2AND (BEDT-TTF)2ClO4(C4H8O2). Chemistry Letters, 1984, 13, 179-182.	1.3	44
57	New Organic Metals Based on Bis-Fused TTF Donors. Molecular Crystals and Liquid Crystals, 1996, 284, 271-282.	0.3	44
58	Ferromagnetic Anomaly Associated with the Antiferromagnetic Transitions in (Donor)[Ni(mnt)2]-Type Charge-Transfer Salts. Inorganic Chemistry, 2004, 43, 6075-6082.	4.0	44
59	The First Proton-Conducting Metallic Ion-Radical Salts. Angewandte Chemie - International Edition, 2005, 44, 292-295.	13.8	44
60	Direct imaging of monovacancy-hydrogen complexes in a single graphitic layer. Physical Review B, 2014, 89, .	3.2	44
61	Charge-Transfer Complexes of Benzothienobenzothiophene with Tetracyanoquinodimethane and the n-Channel Organic Field-Effect Transistors. Journal of Physical Chemistry C, 2017, 121, 6561-6568.	3.1	43
62	Hall-effect observation in the new organic semiconductor bis(1,2,5-thiadiazolo)-p-quinobis(1,3-dithiole)(BTQBT). Journal of Materials Chemistry, 1992, 2, 115.	6.7	42
63	Asymmetrical hole/electron transport in donorâ€“acceptor mixed-stack cocrystals. Journal of Materials Chemistry C, 2019, 7, 567-577.	5.5	42
64	Crystal Structure of Î±-(BEDT-TTF)2PF6. Chemistry Letters, 1983, 12, 759-762.	1.3	41
65	Organic conductorsâ€"from fundamentals to nonlinear conductivity. Annual Reports on the Progress of Chemistry Section C, 2007, 103, 134-172.	4.4	41
66	Visualization of electronic states on atomically smooth graphitic edges with different types of hydrogen termination. Physical Review B, 2013, 87, .	3.2	41
67	Structural and Electrical Properties of (BEDT-TTF)3Cl2(H2O)2. Chemistry Letters, 1987, 16, 1657-1660.	1.3	40
68	Structural and physical properties of a new organic superconductor, (BEDT-TTF)4Pd(CN)4H2O. Solid State Communications, 1992, 82, 177-181.	1.9	40
69	A new organic superconductor Î²-(meso-DMBEDT-TTF)2PF6. Chemical Communications, 2004, , 2454-2455.	4.1	40
70	Intramolecular band mapping of n-CH3(CH2)34CH3 over the whole Brillouin zone by angle-resolved photoemission. Chemical Physics Letters, 1987, 141, 485-488.	2.6	39
71	Contact resistance and electrode material dependence of air-stable n-channel organic field-effect transistors using dimethyldicyanoquinonediimine (DMDCNQI). Journal of Materials Chemistry, 2008, 18, 4165.	6.7	39
72	A vinylogue of bis-fused tetrathiafulvalene: novel Ï€-electron framework for two-dimensional organic metals. Journal of Materials Chemistry, 1995, 5, 1571-1579.	6.7	38

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73	Comparison of p-type and n-type organic field-effect transistors using nickel coordination compounds. Chemical Physics Letters, 2006, 421, 395-398.	2.6	38
74	Organic Charge-transfer Salts and the Component Molecules in Organic Transistors. Chemistry Letters, 2011, 40, 428-434.	1.3	38
75	Conducting Organic Frameworks Based on a Main-Group Metal and Organocyanide Radicals. Chemistry - A European Journal, 2013, 19, 3348-3357.	3.3	38
76	Stabilization of organic field-effect transistors in hexamethylenetetrathiafulvalene derivatives substituted by bulky alkyl groups. Journal of Materials Chemistry, 2009, 19, 6548.	6.7	37
77	Organic Field-effect Transistor Based on Biphenyl Substituted TTF. Chemistry Letters, 2005, 34, 392-393.	1.3	36
78	Microwaveâ€assisted TCNE/TCNQ addition to poly(thienyleneethynylene) derivative for construction of donorâ€"acceptor chromophores. Journal of Polymer Science Part A, 2011, 49, 1013-1020.	2.3	36
79	Stabilization of organic field-effect transistors by tert-butyl groups in dibenzotetrathiafulvalene derivatives. Physical Chemistry Chemical Physics, 2011, 13, 14370.	2.8	36
80	Electronic Properties of Organic Conductors. , 2016, , .		36
81	Crystal structures of AuCl2 salts of BIS(ethylenedithio)- tetrathiafulvalene(BEDT-TTF). Existence of divalent gold, Au(II). Solid State Communications, 1987, 62, 525-529.	1.9	35
82	ESR Properties of Îº-Type Organic Superconductors Based on BEDT-TTF. Journal of the Physical Society of Japan, 1994, 63, 4110-4125.	1.6	35
83	Charge injection from organic charge-transfer salts to organic semiconductors. Journal of Materials Chemistry, 2011, 21, 18421.	6.7	35
84	The impact of molecular planarity on electronic devices in thienoisoindigo-based organic semiconductors. Journal of Materials Chemistry C, 2014, 2, 10455-10467.	5.5	35
85	Carrier Charge Polarity in Mixed-Stack Charge-Transfer Crystals Containing Dithienobenzodithiophene. ACS Applied Materials & Interfaces, 2018, 10, 10262-10269.	8.0	35
86	Nanoscale thin-film morphologies and field-effect transistor behavior of oligothiophene derivatives. Organic Electronics, 2006, 7, 121-131.	2.6	34
87	Temperature Dependence of the Reflectance Spectra of the Single Crystals of Bis(ethylenedithio)tetrathiafulvalenium Salts. Î±-(BEDTâ€"TTF)3(ReO4)2and Î±-(BEDTâ€"TTF)2I3. Bulletin of the Chemical Society of Japan, 1987, 60, 4251-4257.	3.2	33
88	A Metallic (EDT-DSDTFVSDS)2Â·FeBr4Salt:Â Antiferromagnetic Ordering ofdSpins of FeBr4-Ions and Anomalous Magnetoresistance Due to Preferential Ï€â^'dInteraction. Journal of the American Chemical Society, 2006, 128, 11746-11747.	13.7	33
89	Air stability of n-channel organic transistors based on nickel coordination compounds. Organic Electronics, 2007, 8, 759-766.	2.6	33
90	Ambipolar organic transistors based on isoindigo derivatives. Organic Electronics, 2016, 35, 95-100.	2.6	33

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91	Organic Metals Based on a Selenium Analogue of Bis-Fused TTF. Advanced Materials, 1998, 10, 588-590.	21.0	32
92	Organic Superconductors Based on a New Electron Donor, Methylenedithio-diselenadithiafulvalene (MDT-ST). Chemistry of Materials, 2003, 15, 1225-1227.	6.7	32
93	Giant Nonlinear Conductivity and Spontaneous Current Oscillation in an Incommensurate Organic Superconductor. Physical Review Letters, 2008, 100, 037001.	7.8	32
94	An iodine effect in ambipolar organic field-effect transistors based on indigo derivatives. Journal of Materials Chemistry C, 2015, 3, 8612-8617.	5.5	32
95	Air-stable ambipolar organic transistors based on charge-transfer complexes containing dibenzopyrrolopyrrole. RSC Advances, 2016, 6, 53345-53350.	3.6	32
96	New aspects of nonlinear conductivity in organic charge-transfer salts. Journal of Materials Chemistry, 2007, 17, 4343.	6.7	31
97	Solution-processed carbon electrodes for organic field-effect transistors. Applied Physics Letters, 2008, 93, .	3.3	31
98	A Single-Component Conductor Based on a Radical Gold Dithiolene Complex with Alkyl-Substituted Thiophene-2,3-dithiolate Ligand. Inorganic Chemistry, 2015, 54, 9908-9913.	4.0	31
99	Halogenated Bis(methylthio)tetrathiafulvalenes as a Unique Donor System. Chemistry Letters, 1997, 26, 599-600.	1.3	30
100	Requirements for Zero-Gap States in Organic Conductors. Journal of the Physical Society of Japan, 2010, 79, 014703.	1.6	30
101	Dihedral Angle Dependence of Transfer Integrals in Organic Semiconductors with Herringbone Structures. Bulletin of the Chemical Society of Japan, 2011, 84, 1049-1056.	3.2	30
102	3,6-Carbazole vs 2,7-carbazole: A comparative study of hole-transporting polymeric materials for inorganicâ€“organic hybrid perovskite solar cells. Beilstein Journal of Organic Chemistry, 2016, 12, 1401-1409.	2.2	30
103	BAND STRUCTURE OF THE ORGANIC SUPERCONDUCTOR: (TMTSF)2X. Chemistry Letters, 1982, 11, 1923-1926.	1.3	29
104	Structural and Electrical Properties of (BEDT-TTF)3CuBr3. Chemistry Letters, 1987, 16, 927-930.	1.3	29
105	Dielectric Response and Electric-Field-Induced Metastable State in an Organic Conductor Î²-(<i>meso</i>-DMBEDT-TTF)₂PF₆. Journal of the Physical Society of Japan, 2008, 77, 073710.	1.6	29
106	Principles that Govern Electronic Transport in Organic Conductors and Transistors. Bulletin of the Chemical Society of Japan, 2016, 89, 973-986.	3.2	29
107	Crystal Structure and Physical Properties of (TTM-TTF)I2.47. Bulletin of the Chemical Society of Japan, 1986, 59, 127-132.	3.2	28
108	Voltage oscillation associated with nonlinear conductivity in the organic conductor Î±-(BEDT-TTF)2I3. Journal of Applied Physics, 2010, 107, .	2.5	28

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109	Self-contact thin-film organic transistors based on tetramethyltetrathiafulvalene. Applied Physics Letters, 2013, 102, .	3.3	28
110	Inversion of charge carrier polarity and boosting the mobility of organic semiconducting polymers based on benzobisthiadiazole derivatives by fluorination. Journal of Materials Chemistry C, 2018, 6, 3593-3603.	5.5	28
111	New Organic Superconductors with an Incommensurate Anion Lattice Consisting of Polyhalide Chains (MDT-TSF)Xy(MDT-TSF = Methylenedithiotetraselenafulvalene;X= Halogen;y= 1.27â^'1.29). Chemistry of Materials, 2003, 15, 3250-3255.	6.7	27
112	Pressure-Induced Superconductivity in (MDT-TS)(AuI2)0.441[MDT-ÂTS = 5H-2-(1,3-diselenol-2-ylidene)-1,3,4,6-tetrathiapentalene]:Â A New Organic Superconductor Possessing an Incommensurate Anion Lattice. Chemistry of Materials, 2004, 16, 5120-5123.	6.7	27
113	Nanoparticles of organic conductors: synthesis and application as electrode material in organic field effect transistors. New Journal of Chemistry, 2011, 35, 1315.	2.8	27
114	A highly conducting organic metal derived from an organic-transistor material: benzothienobenzothiophene. Physical Chemistry Chemical Physics, 2013, 15, 17818.	2.8	27
115	Air-stable n-channel organic field-effect transistors based on a sulfur rich Ï€-electron acceptor. Journal of Materials Chemistry C, 2015, 3, 3569-3573.	5.5	27
116	Structural and physical properties of (BEDT-TTF) 3Li0.5 Hg (SCN)4 (H2O)2 and Î±â€³-(BEDT-TTF)2 CsHg (SCN)4. Solid State Communications, 1991, 78, 49-54.	1.9	26
117	Incommensurate anion potential effect on the electronic states of the organic superconductor (MDT-TSF)(AuI2)0.436. Physical Review B, 2003, 67, .	3.2	26
118	Electrical and Structural Properties of Î¸-type BEDT-TTF Organic Conductors under Uniaxial Strain. Journal of the Physical Society of Japan, 2006, 75, 044716.	1.6	26
119	Effects of click postfunctionalization on thermal stability and field effect transistor performances of aromatic polyamines. Polymer Chemistry, 2012, 3, 1427.	3.9	26
120	Valence electronic structures of tetrakis(alkylthio)tetrathiafulvalenes. Journal of the Chemical Society, Faraday Transactions 2, 1986, 82, 1067.	1.1	25
121	Magnetoresistance Effects Evidencing the Ï€â^'d Interaction in Metallic Organic Conductors, (EDT-DSDTFVO)2â€¢MX4(M = Fe, Ga; X = Cl, Br). Inorganic Chemistry, 2006, 45, 5712-5714.	4.0	25
122	Low-Temperature Band Transport and Impact of Contact Resistance in Organic Field-Effect Transistors Based on Single-Crystal Films of Ph-BTBT-C10. Physical Review Applied, 2016, 5, .	3.8	25
123	N-Unsubstituted thienoisoindigos: preparation, molecular packing and ambipolar organic field-effect transistors. Journal of Materials Chemistry C, 2017, 5, 2509-2512.	5.5	25
124	Organic Metal with a High Oxidation State (+5/3), (TTMâ€"TTP)(I3)5/3. Bulletin of the Chemical Society of Japan, 1997, 70, 1809-1812.	3.2	24
125	Novel Îº-type organic metal based on a bis-fused tetrathiafulvalene derivative. Advanced Materials, 1997, 9, 714-716.	21.0	24
126	Giant phototransistor response in dithienyltetrathiafulvalene derivatives. Journal of Materials Chemistry C, 2013, 1, 2900.	5.5	24

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127	Electronic structure of the organic conductors based on BMDT-TTF (BIS(methylenedithio)tetrathiafulvalene). Solid State Communications, 1985, 55, 387-392.	1.9	23
128	Nonlinear dynamics of conduction electrons in organic conductors. Physical Review B, 2009, 79, .	3.2	23
129	Estimated Mobility of Ambipolar Organic Semiconductors, Indigo and Diketopyrrolopyrrole. Chemistry Letters, 2013, 42, 68-70.	1.3	23
130	Three-Component Organic Conductors; (BEDT-TTF)₂MMâ€²(SCN)₄. Molecular Crystals and Liquid Crystals, 1996, 284, 15-26.	0.3	22
131	Diketopyrrolopyrroleâ€“thiopheneâ€“methoxythiophene based random copolymers for organic field effect transistor applications. Organic Electronics, 2020, 87, 105986.	2.6	22
132	Electrical properties and crystal structures of mercury(II) thiocyanate salts based upon BEDT-TTF with Liâˆ’+, Kâˆ’+, NH4âˆ’+, Rbâˆ’+, and Csâˆ’+. Synthetic Metals, 1991, 42, 2013-2018.	3.9	21
133	Organic Field-Effect Transistors Based on Small-Molecule Organic Semiconductors Evaporated under Low Vacuum. Applied Physics Express, 2012, 5, 061601.	2.4	21
134	Thermoelectric power of oriented thin-film organic conductors. RSC Advances, 2016, 6, 41040-41044.	3.6	21
135	Structure and Physical Properties of (TMEO-TTP)2Au(CN)2. Chemistry Letters, 1993, 22, 2085-2088.	1.3	20
136	Control of Electronic State by Dihedral Angle in Î¸-type Bis(ethylenedithio)tetraselenafulvalene Salts. Chemistry of Materials, 2000, 12, 2984-2987.	6.7	20
137	Charge Order Competition Leading to Nonlinearity in Organic Thyristor Family. Journal of the Physical Society of Japan, 2010, 79, 044606.	1.6	20
138	Ambipolar Transistor Properties of Charge-Transfer Complexes Containing Perylene and Dicyanoquinonediimines. Journal of Physical Chemistry C, 2019, 123, 12088-12095.	3.1	20
139	Thermoelectric Power of (BEDT-TTF)2MHg(SCN)4[M=K, Rb, and NH4]. Journal of the Physical Society of Japan, 1990, 59, 2624-2626.	1.6	19
140	Structure and Conducting Properties of TMET-TTP Radical-Cation Salts. Chemistry Letters, 1993, 22, 733-736.	1.3	19
141	Organic Semiconductors and Conductors with tert-Butyl Substituents. Crystals, 2012, 2, 1222-1238.	2.2	19
142	Electronic structure of the quasi-one-dimensional organic conductors DCNQI (N,Nâ€²-dicyanoquinonediimine)-Cu salts. Physical Review B, 1995, 52, 7951-7959.	3.2	18
143	Novel One-Dimensional Organic Conductor Based on Selenium-Containing Bis-Fused Tetrathiafulvalene Derivative, (TSM-TTP)(I3)5/3. Bulletin of the Chemical Society of Japan, 1998, 71, 1321-1326.	3.2	18
144	Novel Oxygen-Containing Ï€-Electron Donors for Organic Metals:Â 2-(1,3-Dithiol-2-ylidene)-5-(pyran-4-ylidene)- 1,3,4,6-tetrathiapentalenes. Chemistry of Materials, 1999, 11, 2360-2368.	6.7	18

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145	Structures and Electrical Properties of (EO-TTP)2AsF6. Chemistry Letters, 1999, 28, 1249-1250.	1.3	18
146	Synthesis and Electroconductive Properties of Radical Salts Derived from Tetrathiafulvalene Dimers. Journal of Solid State Chemistry, 2002, 168, 597-607.	2.9	18
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