

Takehiko Mori

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364 papers	9,264 citations	45 h-index	79 g-index
383 ext. papers	9,772 ext. citations	4.4 avg, IF	6.13 L-index

#	Paper	IF	Citations
364	The Intermolecular Interaction of Tetrathiafulvalene and Bis(ethylenedithio)tetrathiafulvalene in Organic Metals. Calculation of Orbital Overlaps and Models of Energy-band Structures. <i>Bulletin of the Chemical Society of Japan</i> , 1984 , 57, 627-633	5.1	639
363	Systematic study of the electronic state in β -type BEDT-TTF organic conductors by changing the electronic correlation. <i>Physical Review B</i> , 1998 , 57, 12023-12029	3.3	287
362	Structural Genealogy of BEDT-TTF-Based Organic Conductors II. Inclined Molecules: β and β' Phases. <i>Bulletin of the Chemical Society of Japan</i> , 1999 , 72, 179-197	5.1	271
361	Structural Genealogy of BEDT-TTF-Based Organic Conductors I. Parallel Molecules: α and α' Phases. <i>Bulletin of the Chemical Society of Japan</i> , 1998 , 71, 2509-2526	5.1	267
360	Crystal and Electronic Structures of (BEDT-TTF) ₂ [MHg(SCN) ₄](M=K and NH ₄). <i>Bulletin of the Chemical Society of Japan</i> , 1990 , 63, 2183-2190	5.1	243
359	BAND STRUCTURES OF TWO TYPES OF (BEDT-TTF) ₂ I ₃ . <i>Chemistry Letters</i> , 1984 , 13, 957-960	1.7	241
358	Estimation of π -Interactions in Organic Conductors Including Magnetic Anions. <i>Journal of the Physical Society of Japan</i> , 2002 , 71, 826-844	1.5	147
357	A Novel Type of Organic Semiconductors. Molecular Fastener. <i>Chemistry Letters</i> , 1986 , 15, 1263-1266	1.7	123
356	Electrical conductivity, thermoelectric power, and ESR of a new family of molecular conductors, dicyanoquinonediimine-metal. <i>Physical Review B</i> , 1988 , 38, 5913-5923	3.3	116
355	(DTEdT)[Au(CN) ₂] _{0.4} : An Organic Superconductor Based on the Novel β -Electron Framework of Vinylogous Bis-Fused Tetrathiafulvalene. <i>Angewandte Chemie International Edition in English</i> , 1995 , 34, 1222-1225		112
354	Naphthodithiophenediimide-Benzobisthiadiazole-Based Polymers: Versatile n-Type Materials for Field-Effect Transistors and Thermoelectric Devices. <i>Macromolecules</i> , 2017 , 50, 857-864	5.5	111
353	Organic conductors with unusual band fillings. <i>Chemical Reviews</i> , 2004 , 104, 4947-70	68.1	107
352	Structural Genealogy of BEDT-TTF-Based Organic Conductors III. Twisted Molecules: γ and γ' Phases. <i>Bulletin of the Chemical Society of Japan</i> , 1999 , 72, 2011-2027	5.1	107
351	Structural aspects of the ambient-pressure BEDT-TTF superconductors. <i>Journal of the American Chemical Society</i> , 1993 , 115, 11319-11327	16.4	100
350	(Tetrathiafulvalene)(tetracyanoquinodimethane) as a low-contact-resistance electrode for organic transistors. <i>Applied Physics Letters</i> , 2007 , 90, 193509	3.4	92
349	Crystal Structures and Electrical Properties of BEDT-TTF Coeipounds. <i>Molecular Crystals and Liquid Crystals</i> , 1984 , 107, 33-43		90
348	Non-Stripe Charge Order in the β -Phase Organic Conductors. <i>Journal of the Physical Society of Japan</i> , 2003 , 72, 1469-1475	1.5	87

- 347 Crystal Structure and Physical Properties of M = Rb and Tl Salts of (BEDT-TTF)₂MM'(SCN)₄[M' = Co, Zn]. *Bulletin of the Chemical Society of Japan*, **1998**, 71, 797-806 5.1 80
- 346 Large Dielectric Constant and Giant Nonlinear Conduction in the Organic Conductor κ (BEDT-TTF)₂CsZn(SCN)₄. *Journal of the Physical Society of Japan*, **2004**, 73, 3364-3369 1.5 77
- 345 Estimation of Off-Site Coulomb Integrals and Phase Diagrams of Charge Ordered States in the Phase Organic Conductors. *Bulletin of the Chemical Society of Japan*, **2000**, 73, 2243-2253 5.1 77
- 344 Intermolecular energy-band dispersion in oriented thin films of bis(1,2,5-thiadiazolo)-p-quinobis(1,3-dithiole) by angle-resolved photoemission. *Journal of Chemical Physics*, **1994**, 100, 6969-6973 3.9 77
- 343 A plane-grating monochromator for 2 eV $\hbar\nu$ to 150 eV. *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **1986**, 246, 264-266^{1.2} 75
- 342 Crystal Structures of Highly Conducting Iodine Complexes of TTM-TTP. *Bulletin of the Chemical Society of Japan*, **1994**, 67, 661-667 5.1 74
- 341 Superconductivity in (BEDT-TTF)₃Cl₂2H₂O. *Solid State Communications*, **1987**, 64, 335-337 1.6 74
- 340 High performance ambipolar organic field-effect transistors based on indigo derivatives. *Journal of Materials Chemistry C*, **2014**, 2, 9311-9317 7.1 71
- 339 Electrical properties and crystal structures of mercury (II) thiocyanate salts based upon BEDT-TTF with Li⁺, K⁺, NH₄⁺, Rb⁺, and Cs⁺. *Solid State Communications*, **1990**, 74, 1261-1264 1.6 71
- 338 High-Performance n-Channel Organic Transistors Using High-Molecular-Weight Electron-Deficient Copolymers and Amine-Tailed Self-Assembled Monolayers. *Advanced Materials*, **2018**, 30, e1707164 24 70
- 337 Crystal Structures and Electrical Resistivities of Three-Component Organic Conductors: (BEDT-TTF)₂MM'(SCN)₄[M = K, Rb, Cs; M' = Co, Zn, Cd]. *Bulletin of the Chemical Society of Japan*, **1995**, 68, 1136-1144 5.1 69
- 336 A high-conductivity crystal containing a copper(I) coordination polymer bridged by the organic acceptor tanc. *Angewandte Chemie - International Edition*, **2006**, 45, 5144-7 16.4 66
- 335 Crystal Structures of M(DCNQIs)₂(DCNQIs=N,N'-dicyanoquinonediimines; M=Li, Na, K, NH₄, Cu, Ag). *Chemistry Letters*, **1987**, 16, 1579-1582 1.7 65
- 334 Stable metallic behavior and antiferromagnetic ordering of Fe(III) d spins in (EDO-TTFVO)₂.FeCl₄. *Journal of the American Chemical Society*, **2005**, 127, 14166-7 16.4 64
- 333 Suppressed Triplet Exciton Diffusion Due to Small Orbital Overlap as a Key Design Factor for Ultralong-Lived Room-Temperature Phosphorescence in Molecular Crystals. *Advanced Materials*, **2019**, 31, e1807268 24 64
- 332 Contact resistance of dibenzotetrathiafulvalene-based organic transistors with metal and organic electrodes. *Applied Physics Letters*, **2008**, 92, 023305 3.4 62
- 331 Rational Design of High-Mobility Semicrystalline Conjugated Polymers with Tunable Charge Polarity: Beyond Benzobisthiadiazole-Based Polymers. *Advanced Functional Materials*, **2017**, 27, 1604608^{15.6} 60
- 330 TRANSVERSE CONDUCTION AND METAL-INSULATOR TRANSITION IN κ (BEDT-TTF)₂PF₆. *Chemistry Letters*, **1983**, 12, 581-584 1.7 59

329	Structure and Conducting Properties of BDT-TTP Salts. <i>Chemistry Letters</i> , 1994 , 23, 1653-1656	1.7	57
328	Pressure-Induced One-Dimensional Instability in (DMDCNQI) ₂ Cu. <i>Journal of the Physical Society of Japan</i> , 1987 , 56, 3429-3431	1.5	56
327	Thermoelectric Power of Organic Superconductors Calculation on the Basis of the Tight-Binding Theory. <i>Journal of the Physical Society of Japan</i> , 1988 , 57, 3674-3677	1.5	55
326	Organic field-effect transistors based on new TTF-based liquid crystalline materials. <i>Synthetic Metals</i> , 2005 , 149, 219-223	3.6	52
325	Benzothienobenzothiophene-Based Molecular Conductors: High Conductivity, Large Thermoelectric Power Factor, and One-Dimensional Instability. <i>Journal of the American Chemical Society</i> , 2016 , 138, 3920-5	16.4	51
324	Crystal Structure and Physical Properties of (BDT-TTP) ₂ CIO ₄ . <i>Bulletin of the Chemical Society of Japan</i> , 1994 , 67, 2685-2689	5.1	50
323	A new ambient-pressure organic superconductor, κ -(BEDT-TTF) ₂ Ag(CN) ₂ H ₂ O (TC=5.0 K). <i>Solid State Communications</i> , 1990 , 76, 35-37	1.6	50
322	A BEDT-TTF Complex Including a Magnetic Anion, (BEDT-TTF) ₃ (MnCl ₄) ₂ . <i>Bulletin of the Chemical Society of Japan</i> , 1988 , 61, 591-593	5.1	48
321	CRYSTAL AND BAND STRUCTURES OF AN ORGANIC CONDUCTOR κ -(BEDT-TTF) ₂ AuBr ₂ . <i>Chemistry Letters</i> , 1986 , 15, 1037-1040	1.7	46
320	New Semiconducting Polymers Based on Benzbisthiadiazole Analogues: Tuning of Charge Polarity in Thin Film Transistors via Heteroatom Substitution. <i>Macromolecules</i> , 2015 , 48, 4012-4023	5.5	45
319	Organic superconductor with an incommensurate anion structure: (MDT ⁺ SF)(AuI ₂) _{0.44} . <i>Physical Review B</i> , 2002 , 65,	3.3	44
318	UNCAPPED ALKYLTHIO SUBSTITUTED TETRATHIAFULVALENES (TTC _n -TTF) AND THEIR CHARGE TRANSFER COMPLEXES. <i>Chemistry Letters</i> , 1986 , 15, 441-444	1.7	44
317	Direct imaging of monovacancy-hydrogen complexes in a single graphitic layer. <i>Physical Review B</i> , 2014 , 89,	3.3	43
316	THE CRYSTAL STRUCTURES AND ELECTRICAL RESISTIVITIES OF (BEDT-TTF) ₃ (CIO ₄) ₂ AND (BEDT-TTF) ₂ CIO ₄ (C ₄ H ₈ O ₂). <i>Chemistry Letters</i> , 1984 , 13, 179-182	1.7	43
315	Ferromagnetic anomaly associated with the antiferromagnetic transitions in (donor)[Ni(mnt) ₂]-type charge-transfer salts. <i>Inorganic Chemistry</i> , 2004 , 43, 6075-82	5.1	42
314	Visualization of electronic states on atomically smooth graphitic edges with different types of hydrogen termination. <i>Physical Review B</i> , 2013 , 87,	3.3	41
313	Superconductivity in (BEDT-TTF) ₄ Pt(CN) ₄ H ₂ O. <i>Solid State Communications</i> , 1991 , 80, 411-415	1.6	41
312	Hall-effect observation in the new organic semiconductor bis(1,2,5-thiadiazolo)-p-quinobis(1,3-dithiole)(BTQBT). <i>Journal of Materials Chemistry</i> , 1992 , 2, 115		41

311	Crystal and electronic structures of the organic superconductors, α -(BEDT-TTF) $_2$ Cu(CN)[N(CN) $_2$] and α -(BEDT-TTF) $_2$ Cu $_2$ (CN) $_3$. <i>Solid State Communications</i> , 1992 , 82, 101-105	1.6	41
310	Band-like transport down to 20 K in organic single-crystal transistors based on dioctylbenzothienobenzothiophene. <i>Applied Physics Letters</i> , 2015 , 106, 193303	3.4	40
309	Benzobisthiadiazole-based conjugated donor-acceptor polymers for organic thin film transistors: effects of π -conjugated bridges on ambipolar transport. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 1196-1207	7.1	40
308	The first proton-conducting metallic ion-radical salts. <i>Angewandte Chemie - International Edition</i> , 2004 , 44, 292-5	16.4	40
307	New Organic Metals Based on Bis-Fused TTF Donors. <i>Molecular Crystals and Liquid Crystals</i> , 1996 , 284, 271-282		40
306	Crystal Structure of the Mixed-Stacked Salt of Bis(ethylenedithio)tetrathiafulvalene (BEDT-TTF) and Tetracyanoquinodimethane (TCNQ). <i>Bulletin of the Chemical Society of Japan</i> , 1987 , 60, 402-404	5.1	40
305	Structural and Electrical Properties of (BEDT-TTF) $_3$ Cl $_2$ (H $_2$ O) $_2$. <i>Chemistry Letters</i> , 1987 , 16, 1657-1660	1.7	40
304	Correlation of mobility and molecular packing in organic transistors based on cycloalkyl naphthalene diimides. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 5395	7.1	38
303	Conducting organic frameworks based on a main-group metal and organocyanide radicals. <i>Chemistry - A European Journal</i> , 2013 , 19, 3348-57	4.8	38
302	Comparison of p-type and n-type organic field-effect transistors using nickel coordination compounds. <i>Chemical Physics Letters</i> , 2006 , 421, 395-398	2.5	37
301	Intramolecular band mapping of n-CH $_3$ (CH $_2$) $_{34}$ CH $_3$ over the whole Brillouin zone by angle-resolved photoemission. <i>Chemical Physics Letters</i> , 1987 , 141, 485-488	2.5	37
300	Crystal Structure of α -(BEDT-TTF) $_2$ PF $_6$. <i>Chemistry Letters</i> , 1983 , 12, 759-762	1.7	37
299	A new organic superconductor beta-(meso-DMBEDT-TTF) $_2$ PF $_6$. <i>Chemical Communications</i> , 2004 , 2454-5	5.8	36
298	A vinyllogue of bis-fused tetrathiafulvalene: novel π -electron framework for two-dimensional organic metals. <i>Journal of Materials Chemistry</i> , 1995 , 5, 1571-1579		36
297	Charge-Transfer Complexes of Benzothienobenzothiophene with Tetracyanoquinodimethane and the n-Channel Organic Field-Effect Transistors. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 6561-6568	3.8	35
296	Air-stable n-channel organic field-effect transistors based on charge-transfer complexes including dimethoxybenzothienobenzothiophene and tetracyanoquinodimethane derivatives. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 5981-5987	7.1	35
295	D-A1-D-A2 Backbone Strategy for Benzobisthiadiazole Based n-Channel Organic Transistors: Clarifying the Selenium-Substitution Effect on the Molecular Packing and Charge Transport Properties in Electron-Deficient Polymers. <i>Advanced Functional Materials</i> , 2017 , 27, 1701486	15.6	35
294	Stabilization of organic field-effect transistors in hexamethylenetetrathiafulvalene derivatives substituted by bulky alkyl groups. <i>Journal of Materials Chemistry</i> , 2009 , 19, 6548		35

293	Structural and physical properties of a new organic superconductor, (BEDT-TTF) ₄ Pd(CN) ₄ H ₂ O. <i>Solid State Communications</i> , 1992 , 82, 177-181	1.6	35
292	Microwave-assisted TCNE/TCNQ addition to poly(thienyleneethynylene) derivative for construction of donor-acceptor chromophores. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 1013-1020	2.5	34
291	Contact resistance and electrode material dependence of air-stable n-channel organic field-effect transistors using dimethyldicyanoquinonediimine (DMDCNQI). <i>Journal of Materials Chemistry</i> , 2008 , 18, 4165		33
290	Air stability of n-channel organic transistors based on nickel coordination compounds. <i>Organic Electronics</i> , 2007 , 8, 759-766	3.5	33
289	A metallic (EDT-DSDTFVSDS) ₂ FeBr ₄ salt: antiferromagnetic ordering of d spins of FeBr ₄ ⁻ ions and anomalous magnetoresistance due to preferential pi-d interaction. <i>Journal of the American Chemical Society</i> , 2006 , 128, 11746-7	16.4	33
288	Crystal structures of AuCl ₂ salts of BIS(ethylenedithio)-tetrathiafulvalene(BEDT-TTF). Existence of divalent gold, Au(II). <i>Solid State Communications</i> , 1987 , 62, 525-529	1.6	33
287	The impact of molecular planarity on electronic devices in thienoisindigo-based organic semiconductors. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 10455-10467	7.1	32
286	Organic Charge-transfer Salts and the Component Molecules in Organic Transistors. <i>Chemistry Letters</i> , 2011 , 40, 428-434	1.7	32
285	Charge injection from organic charge-transfer salts to organic semiconductors. <i>Journal of Materials Chemistry</i> , 2011 , 21, 18421		32
284	Organic conductors from fundamentals to nonlinear conductivity. <i>Annual Reports on the Progress of Chemistry Section C</i> , 2007 , 103, 134-172		32
283	Nanoscale thin-film morphologies and field-effect transistor behavior of oligothiophene derivatives. <i>Organic Electronics</i> , 2006 , 7, 121-131	3.5	32
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281	Stabilization of organic field-effect transistors by tert-butyl groups in dibenzotetrathiafulvalene derivatives. <i>Physical Chemistry Chemical Physics</i> , 2011 , 13, 14370-7	3.6	31
280	Temperature Dependence of the Reflectance Spectra of the Single Crystals of Bis(ethylenedithio)tetrathiafulvalenium Salts. $\text{[BEDT-TTF]}_3(\text{ReO}_4)_2$ and $\text{[BEDT-TTF]}_2\text{I}_3$. <i>Bulletin of the Chemical Society of Japan</i> , 1987 , 60, 4251-4257	5.1	31
279	Asymmetrical hole/electron transport in donor-acceptor mixed-stack cocrystals. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 567-577	7.1	31
278	ESR Properties of π -Type Organic Superconductors Based on BEDT-TTF. <i>Journal of the Physical Society of Japan</i> , 1994 , 63, 4110-4125	1.5	30
277	An iodine effect in ambipolar organic field-effect transistors based on indigo derivatives. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 8612-8617	7.1	29
276	A Single-Component Conductor Based on a Radical Gold Dithiolene Complex with Alkyl-Substituted Thiophene-2,3-dithiolate Ligand. <i>Inorganic Chemistry</i> , 2015 , 54, 9908-13	5.1	29

275	Requirements for Zero-Gap States in Organic Conductors. <i>Journal of the Physical Society of Japan</i> , 2010 , 79, 014703	1.5	29
274	Organic Metals Based on a Selenium Analogue of Bis-Fused TTF. <i>Advanced Materials</i> , 1998 , 10, 588-590	24	29
273	Dielectric Response and Electric-Field-Induced Metastable State in an Organic Conductor β -(meso-DMBEDT-TTF) ₂ PF ₆ . <i>Journal of the Physical Society of Japan</i> , 2008 , 77, 073710	1.5	29
272	Carrier Charge Polarity in Mixed-Stack Charge-Transfer Crystals Containing Dithienobenzodithiophene. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 10262-10269	9.5	28
271	Halogenated Bis(methylthio)tetrathiafulvalenes as a Unique Donor System. <i>Chemistry Letters</i> , 1997 , 26, 599-600	1.7	28
270	New aspects of nonlinear conductivity in organic charge-transfer salts. <i>Journal of Materials Chemistry</i> , 2007 , 17, 4343		28
269	Organic Superconductors Based on a New Electron Donor, Methylenedithio-diselenadithiafulvalene (MDT-ST). <i>Chemistry of Materials</i> , 2003 , 15, 1225-1227	9.6	28
268	BAND STRUCTURE OF THE ORGANIC SUPERCONDUCTOR: (TMTSF) ₂ X. <i>Chemistry Letters</i> , 1982 , 11, 1923-1926		28
267	Self-contact thin-film organic transistors based on tetramethyltetrathiafulvalene. <i>Applied Physics Letters</i> , 2013 , 102, 063305	3.4	27
266	Structural and Electrical Properties of (BEDT-TTF) ₃ CuBr ₃ . <i>Chemistry Letters</i> , 1987 , 16, 927-930	1.7	27
265	Air-stable ambipolar organic transistors based on charge-transfer complexes containing dibenzopyrrolopyrrole. <i>RSC Advances</i> , 2016 , 6, 53345-53350	3.7	27
264	Dihedral Angle Dependence of Transfer Integrals in Organic Semiconductors with Herringbone Structures. <i>Bulletin of the Chemical Society of Japan</i> , 2011 , 84, 1049-1056	5.1	26
263	Voltage oscillation associated with nonlinear conductivity in the organic conductor β -(BEDT-TTF) ₂ I ₃ . <i>Journal of Applied Physics</i> , 2010 , 107, 103716	2.5	26
262	Giant nonlinear conductivity and spontaneous current oscillation in an incommensurate organic superconductor. <i>Physical Review Letters</i> , 2008 , 100, 037001	7.4	26
261	Electrical and Structural Properties of β -type BEDT-TTF Organic Conductors under Uniaxial Strain. <i>Journal of the Physical Society of Japan</i> , 2006 , 75, 044716	1.5	26
260	New Organic Superconductors with an Incommensurate Anion Lattice Consisting of Polyhalide Chains (MDT-TSF) _x y (MDT-TSF = Methylenedithiotetraselenafulvalene; X = Halogen; y = 1.27-1.29). <i>Chemistry of Materials</i> , 2003 , 15, 3250-3255	9.6	26
259	Incommensurate anion potential effect on the electronic states of the organic superconductor (MDT-TSF) (AuI ₂) _{0.436} . <i>Physical Review B</i> , 2003 , 67,	3.3	26
258	Crystal Structure and Physical Properties of (TTM-TTF) ₂ I ₂ . <i>Bulletin of the Chemical Society of Japan</i> , 1986 , 59, 127-132	5.1	26

257	3,6-Carbazole vs 2,7-carbazole: A comparative study of hole-transporting polymeric materials for inorganic-organic hybrid perovskite solar cells. <i>Beilstein Journal of Organic Chemistry</i> , 2016 , 12, 1401-9	2.5	26
256	Ambipolar organic transistors based on isoindigo derivatives. <i>Organic Electronics</i> , 2016 , 35, 95-100	3.5	26
255	Air-stable n-channel organic field-effect transistors based on a sulfur rich π -electron acceptor. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 3569-3573	7.1	25
254	Nanoparticles of organic conductors: synthesis and application as electrode material in organic field effect transistors. <i>New Journal of Chemistry</i> , 2011 , 35, 1315	3.6	25
253	Solution-processed carbon electrodes for organic field-effect transistors. <i>Applied Physics Letters</i> , 2008 , 93, 213303	3.4	25
252	Magnetoresistance effects evidencing the π -d interaction in metallic organic conductors, (EDT-DSDTFVO) $_2$ *MX $_4$ (M = Fe, Ga; X = Cl, Br). <i>Inorganic Chemistry</i> , 2006 , 45, 5712-4	5.1	25
251	Structural and physical properties of (BEDT-TTF) $3\text{Li}0.5\text{Hg}(\text{SCN})_4(\text{H}_2\text{O})_2$ and $\frac{1}{2}$ (BEDT-TTF) $_2\text{CsHg}(\text{SCN})_4$. <i>Solid State Communications</i> , 1991 , 78, 49-54	1.6	25
250	Electronic Properties of Organic Conductors 2016 ,		25
249	Pressure-Induced Superconductivity in (MDT-TS)(AuI $_2$) 0.441 [MDT-TS = 5H-2-(1,3-diselenol-2-ylidene)-1,3,4,6-tetrathiapentalene]: A New Organic Superconductor Possessing an Incommensurate Anion Lattice. <i>Chemistry of Materials</i> , 2004 , 16, 5120-5123	9.6	24
248	Valence electronic structures of tetrakis(alkylthio)tetrathiafulvalenes. <i>Journal of the Chemical Society, Faraday Transactions 2</i> , 1986 , 82, 1067		24
247	A highly conducting organic metal derived from an organic-transistor material: benzothienobenzothiophene. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 17818-22	3.6	23
246	Effects of click postfunctionalization on thermal stability and field effect transistor performances of aromatic polyamines. <i>Polymer Chemistry</i> , 2012 , 3, 1427	4.9	23
245	N-Unsubstituted thienoisindigos: preparation, molecular packing and ambipolar organic field-effect transistors. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 2509-2512	7.1	22
244	Principles that Govern Electronic Transport in Organic Conductors and Transistors. <i>Bulletin of the Chemical Society of Japan</i> , 2016 , 89, 973-986	5.1	22
243	Organic Metal with a High Oxidation State (+5/3), (TTMTP)(I $_3$) $5/3$. <i>Bulletin of the Chemical Society of Japan</i> , 1997 , 70, 1809-1812	5.1	22
242	Novel π -type organic metal based on a bis-fused tetrathiafulvalene derivative. <i>Advanced Materials</i> , 1997 , 9, 714-716	24	22
241	Electronic structure of the organic conductors based on BMDT-TTF (BIS(methylenedithio)tetrathiafulvalene). <i>Solid State Communications</i> , 1985 , 55, 387-392	1.6	22
240	Giant phototransistor response in dithienyltetrathiafulvalene derivatives. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 2900	7.1	21

239	Nonlinear dynamics of conduction electrons in organic conductors. <i>Physical Review B</i> , 2009 , 79, 3.3 21
238	Three-Component Organic Conductors; (BEDT-TTF) ₂ M(Hg)(SCN) ₄ . <i>Molecular Crystals and Liquid Crystals</i> , 1996 , 284, 15-26 21
237	Electrical properties and crystal structures of mercury(II) thiocyanate salts based upon BEDT-TTF with Li ⁺ , K ⁺ , NH ₄ ⁺ , Rb ⁺ , and Cs ⁺ . <i>Synthetic Metals</i> , 1991 , 42, 2013-2018 3.6 21
236	Control of Electronic State by Dihedral Angle in E-type Bis(ethylenedithio)tetraselenafulvalene Salts. <i>Chemistry of Materials</i> , 2000 , 12, 2984-2987 9.6 20
235	Inversion of charge carrier polarity and boosting the mobility of organic semiconducting polymers based on benzobisthiadiazole derivatives by fluorination. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 3593-3603 7.1 20
234	Low-Temperature Band Transport and Impact of Contact Resistance in Organic Field-Effect Transistors Based on Single-Crystal Films of Ph-BTBT-C10. <i>Physical Review Applied</i> , 2016 , 5, 4.3 19
233	Estimated Mobility of Ambipolar Organic Semiconductors, Indigo and Diketopyrrolopyrrole. <i>Chemistry Letters</i> , 2013 , 42, 68-70 1.7 19
232	Organic Field-Effect Transistors Based on Small-Molecule Organic Semiconductors Evaporated under Low Vacuum. <i>Applied Physics Express</i> , 2012 , 5, 061601 2.4 19
231	Structure and Physical Properties of (TMEO-TTP) ₂ Au(CN) ₂ . <i>Chemistry Letters</i> , 1993 , 22, 2085-2088 1.7 19
230	Structure and Conducting Properties of TMET-TTP Radical-Cation Salts. <i>Chemistry Letters</i> , 1993 , 22, 733-736 1.7 19
229	Charge Order Competition Leading to Nonlinearity in Organic Thyristor Family. <i>Journal of the Physical Society of Japan</i> , 2010 , 79, 044606 1.5 18
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