

# Takehiko Mori

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Cross-Linking of Poly(arylenebutadiynylene)s and Its Effect on Charge Carrier Mobilities in Thin-Film Transistors. <i>Macromolecules</i> , <b>2021</b> , 54, 4351-4362	5.5	1
363	Absence of HOMO/LUMO Transition in Charge-Transfer Complexes of Thienoacenes. <i>Journal of Physical Chemistry A</i> , <b>2021</b> , 125, 146-153	2.8	2
362	Charge injected proton transfer in indigo derivatives. <i>Physical Chemistry Chemical Physics</i> , <b>2021</b> , 23, 21972-21980	3.6	1
361	Superconducting super-organized nanoparticles of the superconductor (BEDT-TTF) <sub>2</sub> Cu(NCS) <sub>2</sub> . <i>Synthetic Metals</i> , <b>2021</b> , 278, 116844	3.6	1
360	A New Genuine Mott Insulator: $\alpha$ -(BEDT-TTF)TaF <sub>6</sub> . <i>Journal of the Physical Society of Japan</i> , <b>2021</b> , 90, 103703	3.5	1
359	Diselenolene proligands: reactivity and comparison with their dithiolene congeners. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 8971-8977	3.6	1
358	A cyano-rich small molecule dopant for organic thermoelectrics. <i>Organic Electronics</i> , <b>2020</b> , 87, 105978	3.5	2
357	Transistor Characteristics of Charge-Transfer Complexes Observed across a Neutral-Ionic Transition. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 24174-24183	9.5	7
356	Thermoelectric Power of the Multi-Orbital Dimer Mott System, $\alpha$ -(CH <sub>3</sub> ) <sub>4</sub> N[Pd(dmit) <sub>2</sub> ] <sub>2</sub> . <i>Journal of the Physical Society of Japan</i> , <b>2020</b> , 89, 034701	1.5	1
355	Ambipolar Transistor Properties of N <sub>2</sub> S <sub>2</sub> -Type Metal Complexes. <i>Chemistry Letters</i> , <b>2020</b> , 49, 870-874	1.7	1
354	Ambipolar organic field-effect transistors based on N-Unsubstituted thienoisindigo derivatives. <i>Dyes and Pigments</i> , <b>2020</b> , 180, 108418	4.6	8
353	Temperature Dependence of Field-Effect Thermoelectric Power in Rubrene Crystals. <i>Journal of Physical Chemistry C</i> , <b>2020</b> , 124, 22399-22405	3.8	3
352	Improving the air-stability of n-type organic thin-film transistors by polyacrylonitrile additive. <i>Japanese Journal of Applied Physics</i> , <b>2020</b> , 59, SDDC05	1.4	6
351	Low-temperature properties of thermoelectric generators using molecular conductors. <i>Synthetic Metals</i> , <b>2020</b> , 259, 116217	3.6	7
350	N-Type Charge Carrier Transport Properties of BDOPV-Benzothiadiazole-Based Semiconducting Polymers. <i>Electronics (Switzerland)</i> , <b>2020</b> , 9, 1604	2.6	0
349	Diketopyrrolopyrrole-thiophene-ethoxythiophene based random copolymers for organic field effect transistor applications. <i>Organic Electronics</i> , <b>2020</b> , 87, 105986	3.5	10
348	Structures and transistor properties of extended and unsymmetrical birhodanines. <i>CrystEngComm</i> , <b>2020</b> , 22, 6920-6926	3.3	1

347	A Large Variety of Crystal Structures and Conducting Properties in Dimethylbenzoimidazolium Salts of Tetracyanoquinodimethanes. <i>Crystal Growth and Design</i> , <b>2020</b> , 20, 5940-5946	3.5	1
346	Transistor properties of salen-type metal complexes.. <i>RSC Advances</i> , <b>2020</b> , 10, 29603-29609	3.7	3
345	Bulky Phenylalkyl Substitutions to Bisthienoisatins and Thienoisindigos. <i>Crystal Growth and Design</i> , <b>2020</b> , 20, 3293-3303	3.5	2
344	n-Channel Transistor of 1,5-Dibromo-2,6-naphthoquinhydrone. <i>Chemistry Letters</i> , <b>2019</b> , 48, 264-266	1.7	3
343	Ambipolar Transistor Properties of Charge-Transfer Complexes Containing Perylene and Dicyanoquinonediimines. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 12088-12095	3.8	14
342	n-Type Organic Field-Effect Transistors Based on Bisthienoisatin Derivatives. <i>ACS Applied Electronic Materials</i> , <b>2019</b> , 1, 764-771	4	6
341	1 : 2 charge-transfer complexes of perylene and coronene with perylene diimide, and the ambipolar transistors. <i>CrystEngComm</i> , <b>2019</b> , 21, 3218-3222	3.3	11
340	Transport Properties of Molecular Conductors (BSBS)2XF6 (X = As, Sb, and Ta): Investigation of Intermolecular Transfer Integrals in the Radical-Cationic State of Benzoethienobenzothiophene-Type Semiconductors. <i>Journal of Physical Chemistry C</i> , <b>2019</b> , 123, 5216-5221	3.8	4
339	Charge-transfer complexes of sulfur-rich acceptors derived from birhodanines. <i>CrystEngComm</i> , <b>2019</b> , 21, 5227-5234	3.3	3
338	Ambipolar Transistor Properties of Metal Complexes Derived from 1,2-Phenylenediamines. <i>ACS Applied Electronic Materials</i> , <b>2019</b> , 1, 1633-1640	4	5
337	Tuning Backbone Planarity in ThiadiazolobenzotriazoleBis(thienothiophenyl)ethylene Copolymers for Organic Field-Effect Transistors. <i>ACS Applied Polymer Materials</i> , <b>2019</b> , 1, 2302-2312	4.3	6
336	Temperature-dependent characteristics of n-channel transistors based on 5,5'-bithiazolidinylidene-2,4,2',4'-tetrathiones. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 11865-11870	3.6	5
335	Ambipolar transistors based on chloro-substituted tetraphenylpentacene. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 3294-3299	7.1	1
334	Electronic engineering of a tetrathiafulvalene charge-transfer salt via reduced symmetry induced by combined substituents. <i>Physical Chemistry Chemical Physics</i> , <b>2019</b> , 21, 22639-22646	3.6	6
333	Asymmetrical hole/electron transport in donor-acceptor mixed-stack cocrystals. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 567-577	7.1	31
332	Suppressed Triplet Exciton Diffusion Due to Small Orbital Overlap as a Key Design Factor for Ultralong-Lived Room-Temperature Phosphorescence in Molecular Crystals. <i>Advanced Materials</i> , <b>2019</b> , 31, e1807268	24	64
331	Carrier Charge Polarity in Mixed-Stack Charge-Transfer Crystals Containing Dithienobenzodithiophene. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 10262-10269	9.5	28
330	Low-Symmetry Gap Functions of Organic Superconductors. <i>Journal of the Physical Society of Japan</i> , <b>2018</b> , 87, 044705	1.5	0

329	High-Performance n-Channel Organic Transistors Using High-Molecular-Weight Electron-Deficient Copolymers and Amine-Tailed Self-Assembled Monolayers. <i>Advanced Materials</i> , <b>2018</b> , 30, e1707164	24	70
328	Linear-type carbazodioxazine-based organic semiconductors: the effect of backbone planarity on the molecular orientation and charge transport properties.. <i>RSC Advances</i> , <b>2018</b> , 8, 9822-9832	3.7	7
327	Perovskite solar cells based on hole-transporting conjugated polymers by direct arylation polycondensation. <i>MRS Communications</i> , <b>2018</b> , 8, 1244-1253	2.7	9
326	Highly-stable, green-solvent-processable organic thin-film transistors: angular- vs. linear-shaped carbazodioxazine derivatives. <i>Journal of Materials Chemistry C</i> , <b>2018</b> , 6, 5865-5876	7.1	9
325	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> , <b>2018</b> , 6, 3593-3603	7.1	20
324	The thermoelectric power of band-filling controlled organic conductors, $\pi$ -(BEDT-TTF) <sub>3</sub> (CoCl <sub>4</sub> ) <sub>2</sub> [(GaCl <sub>4</sub> ) <sub>x</sub> ]. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 2004-2010	13	7
323	A New Dimer Mott Insulator: $\pi$ -(BEDT-TTF) <sub>2</sub> TaF <sub>6</sub> . <i>Journal of the Physical Society of Japan</i> , <b>2018</b> , 87, 083703	13.5	7
322	Impact of bulky phenylalkyl substituents on the air-stable n-channel transistors of birhodanine analogues.. <i>RSC Advances</i> , <b>2018</b> , 8, 18400-18405	3.7	10
321	Electron Transport in Isodiketopyrrolopyrrole (isoDPP). <i>Chemistry Letters</i> , <b>2017</b> , 46, 357-359	1.7	8
320	Naphthodithiophenediimide-Benzobisthiadiazole-Based Polymers: Versatile n-Type Materials for Field-Effect Transistors and Thermoelectric Devices. <i>Macromolecules</i> , <b>2017</b> , 50, 857-864	5.5	111
319	N-Unsubstituted thienoisindigos: preparation, molecular packing and ambipolar organic field-effect transistors. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 2509-2512	7.1	22
318	Conductivity Modifications of Graphene by Electron Donative Organic Molecules. <i>Journal of Electronic Materials</i> , <b>2017</b> , 46, 4463-4467	1.9	1
317	Charge-Transfer Complexes of Benzothienobenzothiophene with Tetracyanoquinodimethane and the n-Channel Organic Field-Effect Transistors. <i>Journal of Physical Chemistry C</i> , <b>2017</b> , 121, 6561-6568	3.8	35
316	Organic Transistors: 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 (Adv. Funct. Mater. 33/2017). <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1701486	15.6	4
315	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> , <b>2017</b> , 27, 1701486	15.6	35
314	Birhodanines and their sulfur analogues for air-stable n-channel organic transistors. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 9121-9127	7.1	14
313	Polarity Engineering of Benzobisthiadiazole-Based Polymer Thin Film Transistors by Variation of Electron Affinity of the Comonomers. <i>Bulletin of the Chemical Society of Japan</i> , <b>2017</b> , 90, 1041-1049	5.1	8
312	Rational Design of High-Mobility Semicrystalline Conjugated Polymers with Tunable Charge Polarity: Beyond Benzobisthiadiazole-Based Polymers. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1604608	15.6	60

311	Charge Ordering Transitions of the New Organic Conductors $\pi$ - and $\pi$ -(BEDT-TTF) $_2$ TaF $_6$ . <i>Magnetochemistry</i> , <b>2017</b> , 3, 14	3.1	6
310	Principles that Govern Electronic Transport in Organic Conductors and Transistors. <i>Bulletin of the Chemical Society of Japan</i> , <b>2016</b> , 89, 973-986	5.1	22
309	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> , <b>2016</b> , 5,	4.3	19
308	Non-stripe charge order in dimerized organic conductors. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	11
307	Charge-Transfer Complexes <b>2016</b> , 253-310		1
306	Halogen Substitution Effects on the Molecular Packing and Thin Film Transistor Performances of Carbazoledioxazine Derivatives. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 26686-26694	3.8	14
305	Metal/Insulator Transition of the New One-Dimensional Organic Conductors with Complete Uniform Stacks: (DMEDO-TTF) $_2$ X(X= ClO $_4$ and BF $_4$ ). <i>Journal of the Physical Society of Japan</i> , <b>2016</b> , 85, 094701	1.5	3
304	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> , <b>2016</b> , 4, 5981-5987	7.1	35
303	Benzothienobenzothiophene-Based Molecular Conductors: High Conductivity, Large Thermoelectric Power Factor, and One-Dimensional Instability. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 3920-5	16.4	51
302	Transport Properties <b>2016</b> , 109-151		
301	Quantum Chemistry of Solids <b>2016</b> , 61-108		
300	Electron Correlation <b>2016</b> , 183-225		
299	Organic Semiconductors <b>2016</b> , 311-352		
298	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> , <b>2016</b> , 12, 1401-9	2.5	26
297	Electronic Properties of Organic Conductors <b>2016</b> ,		25
296	Air-stable ambipolar organic transistors based on charge-transfer complexes containing dibenzopyrrolopyrrole. <i>RSC Advances</i> , <b>2016</b> , 6, 53345-53350	3.7	27
295	Ambipolar organic transistors based on isoindigo derivatives. <i>Organic Electronics</i> , <b>2016</b> , 35, 95-100	3.5	26
294	Thermoelectric power of oriented thin-film organic conductors. <i>RSC Advances</i> , <b>2016</b> , 6, 41040-41044	3.7	17

293	An iodine effect in ambipolar organic field-effect transistors based on indigo derivatives. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 8612-8617	7.1	29
292	New Semiconducting Polymers Based on Benzobisthiadiazole Analogues: Tuning of Charge Polarity in Thin Film Transistors via Heteroatom Substitution. <i>Macromolecules</i> , <b>2015</b> , 48, 4012-4023	5.5	45
291	Suppression of access resistance using carbon electrodes in organic transistors based on alkyl-substituted thienoacene. <i>Organic Electronics</i> , <b>2015</b> , 21, 106-110	3.5	2
290	Air-stable n-channel organic field-effect transistors based on a sulfur rich $\pi$ -electron acceptor. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 3569-3573	7.1	25
289	Band-like transport down to 20 K in organic single-crystal transistors based on dioctylbenzothienobenzothiophene. <i>Applied Physics Letters</i> , <b>2015</b> , 106, 193303	3.4	40
288	A Single-Component Conductor Based on a Radical Gold Dithiolene Complex with Alkyl-Substituted Thiophene-2,3-dithiolate Ligand. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 9908-13	5.1	29
287	Ambipolar transistor properties of 2,2'-binaphthosemiquinones. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 1588-1594	7.1	12
286	Benzobisthiadiazole-based conjugated donor-acceptor polymers for organic thin film transistors: effects of $\pi$ -conjugated bridges on ambipolar transport. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 1196-1207	7.1	40
285	Dynamics of Charge Ordering in the Nonlinear Regime of $\pi$ -(BEDT-TTF) $_2$ CsZn(SCN) $_4$ . <i>Journal of the Physical Society of Japan</i> , <b>2015</b> , 84, 033707	1.5	2
284	Ambipolar Organic Field-Effect Transistors Based on Indigo Derivatives. <i>Engineering Journal</i> , <b>2015</b> , 19, 61-74	1.8	4
283	The impact of molecular planarity on electronic devices in thienoisindigo-based organic semiconductors. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 10455-10467	7.1	32
282	Energy-Level Engineering in Self-Contact Organic Transistors Prepared by Inkjet Printing. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 23139-23146	3.8	12
281	High performance ambipolar organic field-effect transistors based on indigo derivatives. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 9311-9317	7.1	71
280	An Organic Metal Derived from a Selenium Analogue of Benzothienobenzothiophene. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 3895-3898	2.3	11
279	Marginal Coherent Interlayer Electron Motion in the Layered Organic Superconductor with Domain Walls, $\pi$ -(DMEDO-TSeF) $_2$ [Au(CN) $_4$ ](THF). <i>Journal of the Physical Society of Japan</i> , <b>2014</b> , 83, 015002	1.5	
278	Analysing organic transistors based on interface approximation. <i>AIP Advances</i> , <b>2014</b> , 4, 017126	1.5	14
277	Dielectric Response of Multiorbital Molecular Compounds (TTM-TTP) $_x$ ( $x = \text{AuI}_2$ and $\text{I}_3$ ). <i>Journal of the Physical Society of Japan</i> , <b>2014</b> , 83, 094709	1.5	1
276	Extracting parameters in ambipolar organic transistors based on dicyanomethylene terthiophene. <i>Applied Physics Express</i> , <b>2014</b> , 7, 121602	2.4	7

275	All-organic self-contact transistors. <i>Applied Physics Letters</i> , <b>2014</b> , 105, 023301	3.4	16
274	Direct imaging of monovacancy-hydrogen complexes in a single graphitic layer. <i>Physical Review B</i> , <b>2014</b> , 89,	3.3	43
273	Molecular Conductors. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 3783-3784	2.3	2
272	A highly conducting organic metal derived from an organic-transistor material: benzothienobenzothiophene. <i>Physical Chemistry Chemical Physics</i> , <b>2013</b> , 15, 17818-22	3.6	23
271	Giant phototransistor response in dithienyltetrathiafulvalene derivatives. <i>Journal of Materials Chemistry C</i> , <b>2013</b> , 1, 2900	7.1	21
270	Energy band structure and metal-organic interactions in tetracyanoquinodimethane (TCNQ) and N,N'-dicyanoquinonediimine (DCNQI) materials. <i>Journal of Materials Chemistry C</i> , <b>2013</b> , 1, 1781	7.1	10
269	Zero-Gap States of Organic Conductors in the Presence of Non-Stripe Charge Order. <i>Journal of the Physical Society of Japan</i> , <b>2013</b> , 82, 034712	1.5	14
268	Correlation of mobility and molecular packing in organic transistors based on cycloalkyl naphthalene diimides. <i>Journal of Materials Chemistry C</i> , <b>2013</b> , 1, 5395	7.1	38
267	Visualization of electronic states on atomically smooth graphitic edges with different types of hydrogen termination. <i>Physical Review B</i> , <b>2013</b> , 87,	3.3	41
266	Self-contact thin-film organic transistors based on tetramethyltetrathiafulvalene. <i>Applied Physics Letters</i> , <b>2013</b> , 102, 063305	3.4	27
265	Collective response to alternating current in the organic conductor $\alpha$ -bis(ethylenedithio)tetrathiafulvalene)2I <sub>3</sub> . <i>Journal of Applied Physics</i> , <b>2013</b> , 113, 213702	2.5	7
264	New Strongly Correlated One-Dimensional Organic Semiconductor (ChTM-TTP)2Ag(CN)2. <i>Bulletin of the Chemical Society of Japan</i> , <b>2013</b> , 86, 526-528	5.1	1
263	Estimated Mobility of Ambipolar Organic Semiconductors, Indigo and Diketopyrrolopyrrole. <i>Chemistry Letters</i> , <b>2013</b> , 42, 68-70	1.7	19
262	Fermi Surface of the Dual-Layered Organic Superconductor $\alpha$ 2-(BEDT-TTF)2Ag(CF3)4(TCE) with Acentric Charge-Ordered Layers. <i>Journal of the Physical Society of Japan</i> , <b>2013</b> , 82, 024704	1.5	2
261	Crystal Structure and Physical Properties of $\alpha$ System $\alpha$ (BDH-TTP)2FeBr4. <i>Journal of the Physical Society of Japan</i> , <b>2013</b> , 82, 054706	1.5	7
260	Conducting organic frameworks based on a main-group metal and organocyanide radicals. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 3348-57	4.8	38
259	Trap density of states in n-channel organic transistors: variable temperature characteristics and band transport. <i>AIP Advances</i> , <b>2013</b> , 3, 102131	1.5	12
258	Improved stability of organic field-effect transistor performance in oligothiophenes including $\beta$ isomers. <i>Tetrahedron</i> , <b>2012</b> , 68, 2790-2798	2.4	10



257	Effective Synthesis and Crystal Structure of a 24-Membered Cyclic Decanedisulfide Dimer. <i>Chemistry Letters</i> , <b>2012</b> , 41, 1678-1680	1.7	1
256	Structural transitions from triangular to square molecular arrangements in the quasi-one-dimensional molecular conductors (DMEDO-TTF)2XF6 (X = P, As, and Sb). <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 13330-40	16.4	17
255	Effects of click postfunctionalization on thermal stability and field effect transistor performances of aromatic polyamines. <i>Polymer Chemistry</i> , <b>2012</b> , 3, 1427	4.9	23
254	Rapid voltage oscillations and ac-dc interference phenomena in the two-dimensional charge-ordered organic conductor $\beta$ -(bis(ethylenedithio)tetrathiafulvalene)3(ClO4)2. <i>Journal of Applied Physics</i> , <b>2012</b> , 112, 033714	2.5	4
253	Interlayer charge disproportionation in the layered organic superconductor $\beta$ -(H)-(DMEDO-TSeF)2[Au(CN)4](THF) with polar dielectric insulating layers. <i>Physical Review Letters</i> , <b>2012</b> , 109, 147005	7.4	9
252	Two-dimensional superconductivity in the layered organic superconductor $\beta$ -(DMEDO-TSeF)2[Au(CN)4](THF) with thick dielectric insulating layers. <i>Physical Review B</i> , <b>2012</b> , 85,	3.3	2
251	Theoretical Approach for the Development of Organic Semiconductors on the Basis of the MO Symmetry: Thienoacene as an Example. <i>Materials Research Society Symposia Proceedings</i> , <b>2012</b> , 1436, 23		
250	Organic Field-Effect Transistors Based on Small-Molecule Organic Semiconductors Evaporated under Low Vacuum. <i>Applied Physics Express</i> , <b>2012</b> , 5, 061601	2.4	19
249	Organic Semiconductors and Conductors with tert-Butyl Substituents. <i>Crystals</i> , <b>2012</b> , 2, 1222-1238	2.3	15
248	Tc of 11 K Identified for the Third Polymorph of the (BEDT-TTF)2Ag(CF3)4(TCE) Organic Superconductor. <i>Journal of the Physical Society of Japan</i> , <b>2012</b> , 81, 023705	1.5	8
247	Characteristics and fabrication of vertical type organic light emitting transistor using dimethyldicyanoquinonediimine (DMDCNQI) as a n-type active layer and light emitting polymer. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2011</b> , 11, 1779-82	1.3	
246	Organic Charge-transfer Salts and the Component Molecules in Organic Transistors. <i>Chemistry Letters</i> , <b>2011</b> , 40, 428-434	1.7	32
245	Dihedral Angle Dependence of Transfer Integrals in Organic Semiconductors with Herringbone Structures. <i>Bulletin of the Chemical Society of Japan</i> , <b>2011</b> , 84, 1049-1056	5.1	26
244	New Molecular Metals Based on a Tetrathiapentalene Donor with Peripheral Methoxy Groups. <i>Chemistry Letters</i> , <b>2011</b> , 40, 81-83	1.7	8
243	Multicolor emission and thin film transistor properties of 1,8-diethynylcarbazole-based conjugated copolymers. <i>Polymer</i> , <b>2011</b> , 52, 5756-5763	3.9	13
242	Microwave-assisted TCNE/TCNQ addition to poly(thienyleneethynylene) derivative for construction of donor-acceptor chromophores. <i>Journal of Polymer Science Part A</i> , <b>2011</b> , 49, 1013-1020	2.5	34
241	Charge injection from organic charge-transfer salts to organic semiconductors. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 18421		32
240	Nanoparticles of organic conductors: synthesis and application as electrode material in organic field effect transistors. <i>New Journal of Chemistry</i> , <b>2011</b> , 35, 1315	3.6	25



239	Two-Dimensional Superconducting Properties of the Organic Superconductor $\Pi$ -(DMEDO-TSeF) $_2$ [Au(CN) $_4$ ](THF) with Domain Structures. <i>Journal of the Physical Society of Japan</i> , <b>2011</b> , 80, 054706	1.5	4
238	Fermi surface and in-plane anisotropy of the layered organic superconductor $\Pi$ -(DMEDO-TSeF) $_2$ [Au(CN) $_4$ ](THF) with domain structures. <i>Physical Review B</i> , <b>2011</b> , 83,	3.3	6
237	Disordered polyhalide anion effect on the Fermi surface of the incommensurate organic superconductor (MDT-TSF) $_{10.77}$ Br $_{0.52}$ . <i>Physical Review B</i> , <b>2011</b> , 84,	3.3	1
236	Inkjet Printing of Graphene Nanoribbons for Organic Field-Effect Transistors. <i>Applied Physics Express</i> , <b>2011</b> , 4, 115101	2.4	11
235	Stabilization of organic field-effect transistors by tert-butyl groups in dibenzotetrathiafulvalene derivatives. <i>Physical Chemistry Chemical Physics</i> , <b>2011</b> , 13, 14370-7	3.6	31
234	A Mechanism of DC-AC Conversion in the Organic Thyristor. <i>Materials</i> , <b>2010</b> , 3, 2027-2036	3.5	6
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219	Nonlinear dynamics of conduction electrons in organic conductors. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	21
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112	Modulation of $\kappa$ -(BEDT-TTF) <sub>2</sub> PF <sub>6</sub> crystal surface structure induced by charge redistribution in surface layers. <i>Surface Science</i> , <b>1999</b> , 433-435, 147-151	1.8	5
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110	Structural Genealogy of BEDT-TTF-Based Organic Conductors II. Inclined Molecules: $\kappa$ -(BEDT-TTF) <sub>2</sub> PF <sub>6</sub> and $\kappa$ -(BEDT-TTF) <sub>2</sub> AsF <sub>6</sub> Phases. <i>Bulletin of the Chemical Society of Japan</i> , <b>1999</b> , 72, 179-197	5.1	271
109	Structural Genealogy of BEDT-TTF-Based Organic Conductors III. Twisted Molecules: $\kappa$ -(BEDT-TTF) <sub>2</sub> PF <sub>6</sub> and $\kappa$ -(BEDT-TTF) <sub>2</sub> AsF <sub>6</sub> Phases. <i>Bulletin of the Chemical Society of Japan</i> , <b>1999</b> , 72, 2011-2027	5.1	107
108	Structures and Electrical Properties of (EO-TTP) <sub>2</sub> AsF <sub>6</sub> . <i>Chemistry Letters</i> , <b>1999</b> , 28, 1249-1250	1.7	16
107	Raman Investigation of the One-Dimensional Organic Conductor with a Half-Filled Band, (TTM-TTP) <sub>2</sub> I <sub>3</sub> . <i>Journal of the Physical Society of Japan</i> , <b>1999</b> , 68, 3748-3749	1.5	2
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103	Systematic study of the electronic state in $\kappa$ -type BEDT-TTF organic conductors by changing the electronic correlation. <i>Physical Review B</i> , <b>1998</b> , 57, 12023-12029	3.3	287
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90	Structures and properties of MeDTDM salts. <i>Advanced Materials</i> , <b>1997</b> , 9, 633-635	2.4	6
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85	Electrical Properties of DT-TTF Salts. <i>Molecular Crystals and Liquid Crystals</i> , <b>1996</b> , 284, 329-336		3
84	A Vinylog of Bis-Fused TTF: Novel $\pi$ -Electron Framework for Metallic and Superconducting Organic Solids. <i>Molecular Crystals and Liquid Crystals</i> , <b>1996</b> , 284, 27-38		14
83	New Organic Metals Based on Bis-Fused TTF Donors. <i>Molecular Crystals and Liquid Crystals</i> , <b>1996</b> , 284, 271-282		40
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73	Structure and Properties of an Organic Metal $(\text{BEDT-TTP})_2\text{I}_3$ . <i>Chemistry Letters</i> , <b>1995</b> , 24, 549-550	1.7	11
72	Crystal Structures and Electrical Resistivities of Three-Component Organic Conductors: $(\text{BEDT-TTF})_2\text{MM}^+(\text{SCN})_4^-$ [ $\text{M} = \text{K}, \text{Rb}, \text{Cs}$ ; $\text{M}^+ = \text{Co}, \text{Zn}, \text{Cd}$ ]. <i>Bulletin of the Chemical Society of Japan</i> , <b>1995</b> , 68, 1136-1144	5.1	69
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5	BAND STRUCTURES OF TWO TYPES OF (BEDT-TTF) <sub>2</sub> I <sub>3</sub> . <i>Chemistry Letters</i> , <b>1984</b> , 13, 957-960	1.7	241
4	THE CRYSTAL STRUCTURES AND ELECTRICAL RESISTIVITIES OF (BEDT-TTF) <sub>3</sub> (ClO <sub>4</sub> ) <sub>2</sub> AND (BEDT-TTF) <sub>2</sub> ClO <sub>4</sub> (C <sub>4</sub> H <sub>8</sub> O <sub>2</sub> ). <i>Chemistry Letters</i> , <b>1984</b> , 13, 179-182	1.7	43
3	TRANSVERSE CONDUCTION AND METAL-INSULATOR TRANSITION IN $\beta$ -(BEDT-TTF) <sub>2</sub> PF <sub>6</sub> . <i>Chemistry Letters</i> , <b>1983</b> , 12, 581-584	1.7	59
2	Crystal Structure of $\beta$ -(BEDT-TTF) <sub>2</sub> PF <sub>6</sub> . <i>Chemistry Letters</i> , <b>1983</b> , 12, 759-762	1.7	37
1	BAND STRUCTURE OF THE ORGANIC SUPERCONDUCTOR: (TMTSF) <sub>2</sub> X. <i>Chemistry Letters</i> , <b>1982</b> , 11, 1923-1926	1.7	28