Hideki Fujiwara

List of Publications by Citations

183 papers	3,332 citations	30 h-index	50 g-index
194 ext. papers	3,482 ext. citations	5.5 avg, IF	4.59 L-index

#	Paper	IF	Citations
183	Mn3(HCOO)6: a 3D porous magnet of diamond framework with nodes of Mn-centered MnMn4 tetrahedron and guest-modulated ordering temperature. *Chemical Communications*, **2004**, 416-7	5.8	270
182	A novel antiferromagnetic organic superconductor kappa-(BETS)(2)FeBr(4) [where BETS = bis(ethylenedithio)tetraselenafulvalene]. *Journal of the American Chemical Society*, **2001**, 123, 306-14	16.4	163
181	Occurrence of a rare 4(9).6(6) structural topology, chirality, and weak ferromagnetism in the [NH4][MII(HCOO)3] (M = Mn, Co, Ni) frameworks. *Inorganic Chemistry*, **2007**, 46, 437-45	5.1	149
180	Antiferromagnetic Organic Metal Exhibiting Superconducting Transition, κ-(BETS)2FeBr4 [BETS = Bis(ethylenedithio)tetraselenafulvalene]. *Journal of the American Chemical Society*, **1999**, 121, 5581-5582	16.4	145
179	Synthesis and characterization of a porous magnetic diamond framework, Co3(HCOO)6, and its N2 sorption characteristic. *Inorganic Chemistry*, **2005**, 44, 1230-7	5.1	144
178	(DTEDT)[Au(CN)2]0.4: An Organic Superconductor Based on the Novel π-Electron Framework of Vinylogous Bis-Fused Tetrathiafulvalene. *Angewandte Chemie International Edition in English*, **1995**, 34, 1222-1225		112
177	Highly conducting crystals based on single-component gold complexes with extended-TTF dithiolate ligands. *Journal of the American Chemical Society*, **2003**, 125, 1486-7	16.4	100
176	An indication of magnetic-field-induced superconductivity in a bifunctional layered organic conductor, kappa-(BETS)(2)FeBr(4). *Journal of the American Chemical Society*, **2002**, 124, 6816-7	16.4	82
175	Magnetic-field-induced superconductivity in the antiferromagnetic organic superconductor κ-(BETS)2FeBr4. *Physical Review B*, **2004**, 70,	3.3	67
174	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
173	Structure and Conducting Properties of BDT-TTP Salts. *Chemistry Letters*, **1994**, 23, 1653-1656	1.7	57
172	Photo- and Electroluminescence from 2-(Dibenzo[b,d]furan-4-yl)pyridine-Based Heteroleptic Cyclometalated Platinum(II) Complexes: Excimer Formation Drastically Facilitated by an Aromatic Diketonate Ancillary Ligand. *Journal of Physical Chemistry C*, **2013**, 117, 532-542	3.8	53
171	Crystal Structure and Physical Properties of (BDT-TTP)2ClO4. *Bulletin of the Chemical Society of Japan*, **1994**, 67, 2685-2689	5.1	50
170	Organic Antiferromagnetic Metals Exhibiting Superconducting Transitions κ-(BETS)2FeX4 (X=Cl, Br): Drastic Effect of Halogen Substitution on the Successive Phase Transitions. *Journal of Solid State Chemistry*, **2001**, 159, 407-412	3.3	47
169	Isotopically enriched polymorphs of dysprosium single molecule magnets. *Chemical Communications*, **2017**, 53, 3575-3578	5.8	45
168	Infrared electronic absorption in a single-component molecular metal. *Journal of the American Chemical Society*, **2004**, 126, 426-7	16.4	45
167	Conformational effect of symmetrical squaraine dyes on the performance of dye-sensitized solar cells. *Journal of Materials Chemistry A*, **2013**, 1, 1303-1309	13	42

166	Tetrathiafulvalene [FeIII(C2O4)Cl2]: An Organic□Inorganic Hybrid Exhibiting Canted Antiferromagnetism. *Advanced Materials*, **2005**, 17, 1988-1991	24	40
165	Dual-action molecular superconductors with magnetic anions. *Journal of the American Chemical Society*, **2002**, 124, 9982-3	16.4	40
164	New Organic Metals Based on Bis-Fused TTF Donors. *Molecular Crystals and Liquid Crystals*, **1996**, 284, 271-282		40
163	Photoelectric response of a black lipid membrane containing an amphiphilic azobenzene derivative. *Nature*, **1991**, 351, 724-726	50.4	37
162	A bimetallic Ru2Pt complex containing a trigonal-planar mu3-carbido ligand: formation, structure, and reactivity relevant to the Fischer-Tropsch process. *Journal of the American Chemical Society*, **2009**, 131, 18026-7	16.4	36
161	Pressure-Induced Superconducting Transition of □(BETS)2FeCl4 with □ Coupled Antiferromagnetic Insulating Ground State at Ambient Pressure [BETS = Bis(ethylenedithio)tetraselenafulvalene]. *Journal of the American Chemical Society*, **1999**, 121, 11243-11244	16.4	36
160	A vinylogue of bis-fused tetrathiafulvalene: novel □electron framework for two-dimensional organic metals. *Journal of Materials Chemistry*, **1995**, 5, 1571-1579		36
159	Crystal structures and physical properties of single-component molecular conductors consisting of nickel and gold complexes with bis(trifluoromethyl)tetrathiafulvalenedithiolate ligands. *Journal of Materials Chemistry*, **2005**, 15, 155		33
158	A metallic (EDT-DSDTFVSDS)2.FeBr4 salt: antiferromagnetic ordering of d spins of FeBr4- ions and anomalous magnetoresistance due to preferential pi-d interaction. *Journal of the American Chemical Society*, **2006**, 128, 11746-7	16.4	33
157	Syntheses, structures, and physical properties of nickel bis(dithiolene) complexes containing tetrathiafulvalene (TTF) units. *Inorganic Chemistry*, **2004**, 43, 1122-9	5.1	33
156	Two-dimensional Fermi surface for the organic conductor □(BETS)2FeBr4. *Physica B: Condensed Matter*, **2001**, 298, 557-561	2.8	33
155	Nanowires of molecule-based charge-transfer salts. *New Journal of Chemistry*, **2007**, 31, 519-527	3.6	31
154	Successive Antiferromagnetic and Superconducting Transitions in an Organic Metal, □(BETS)2FeCl4. *Chemistry Letters*, **2000**, 29, 732-733	1.7	31
153	Photo- and electroluminescence from deep-red- and near-infrared-phosphorescent tris-cyclometalated iridium(III) complexes bearing largely □extended ligands. *Inorganic Chemistry Communication*, **2013**, 38, 14-19	3.1	29
152	Synthesis, structure, and photoelectrochemical properties of new tetrathiafulvalene-diphenyl-1,3,4-oxadiazole dyads. *Tetrahedron Letters*, **2008**, 49, 7200-7203	2	28
151	Development of an Antiferromagnetic Organic Superconductor □(BETS)2FeBr4. *Bulletin of the Chemical Society of Japan*, **2005**, 78, 1181-1196	5.1	28
150	An antiferromagnetic molecular metal based on a new bent-donor molecule. *Journal of the American Chemical Society*, **2007**, 129, 12618-9	16.4	27
149	New □extended organic donor containing a stable TEMPO radical as a candidate for conducting magnetic multifunctional materials. *Chemical Communications*, **1999**, 2417-2418	5.8	27

148	Novel Bis-Fused pi-Electron Donors for Organic Metals: 2-(1,3-Dithiol-2-ylidene)-5-(thiopyran-4-ylidene)-1,3,4,6-tetrathiapentalene. *Journal of Organic Chemistry*, **1996**, 61, 3650-3656	4.2	27
147	Shubnikov de Haas effect and Yamaji oscillations in the antiferromagnetically ordered organic superconductor κ-(BETS)2FeBr4: a fermiology study. *Solid State Communications*, **2000**, 116, 557-562	1.6	26
146	Magnetoresistance effects evidencing the pi-d interaction in metallic organic conductors, (EDT-DSDTFVO)2*MX4 (M = Fe, Ga; X = Cl, Br). *Inorganic Chemistry*, **2006**, 45, 5712-4	5.1	25
145	A Series of Organic Conductors, ?-(BETS)2FeBrxCl4-x (0 < x < 4), Exhibiting Successive Antiferromagnetic and Superconducting Transitions. *Advanced Materials*, **2002**, 14, 1376-1379	24	25
144	Single-molecule junctions with strong molecule-electrode coupling. *Journal of the American Chemical Society*, **2009**, 131, 14146-7	16.4	23
143	Novel κ-type organic metal based on a bis-fused tetrathiafulvalene derivative. *Advanced Materials*, **1997**, 9, 714-716	24	22
142	Cu(II) and Cu(I) coordination complexes involving two tetrathiafulvalene-1,3-benzothiazole hybrid ligands and their radical cation salts. *Inorganic Chemistry*, **2013**, 52, 6543-50	5.1	21
141	Novel bis- and tris-cyclometalated iridium(III) complexes bearing a benzoyl group on each fluorinated 2-phenylpyridinate ligand aimed at development of blue phosphorescent materials for OLED. *RSC Advances*, **2016**, 6, 51435-51445	3.7	21
140	Photocurrent generation based on new tetrathiafulvalene–BODIPY dyads. *Tetrahedron Letters*, **2013**, 54, 1251-1255	2	20
139	Novel π-Electron Donors for Magnetic Conductors Containing a PROXYL Radical. *Chemistry Letters*, **2002**, 31, 1048-1049	1.7	18
138	Novel 10,13-disubstituted dipyrido[3,2-a:2?,3?-c]phenazines and their platinum(II) complexes: highly luminescent ICT-type fluorophores based on D–A–D structures. *Tetrahedron Letters*, **2014**, 55, 5195-5198	2	17
137	Photoluminescence color tuning of phosphorescent bis-cyclometalated iridium(III) complexes by ancillary ligand replacement. *Dyes and Pigments*, **2012**, 95, 695-705	4.6	17
136	Synthesis, structure and properties of a novel trisulfide double-bridged TTF dimer. *Journal of Materials Chemistry*, **1998**, 8, 829-831		17
135	A Novel TTP Donor Containing a PROXYL Radical for Magnetic Molecular Conductors. *Chemistry Letters*, **2003**, 32, 482-483	1.7	17
134	(2-Methylidene-1,3-dithiolo[4,5-d])tetrathiafulvalene (DT-TTF): new unsymmetrical TTFs condensed with 1,3-dithiol-2-ylidene moieties. *Journal of the Chemical Society Chemical Communications*, **1992**, 1408		17
133	Thermal conductivity of organic superconductors in oriented magnetic field. *Synthetic Metals*, **2003**, 137, 1291-1293	3.6	16
132	New aspects of π-d interactions in magnetic molecular conductors. *Science and Technology of Advanced Materials*, **2009**, 10, 024302	7.1	15
131	Development of photofunctional materials using TTF derivatives containing a 1,3-benzothiazole ring. *Physica B: Condensed Matter*, **2010**, 405, S15-S18	2.8	15

130	Synthesis, Structures And Properties Of Cyclopenteno Annelated Bis-Fused TTF Donors And Their Molecular Complexes. *Molecular Crystals and Liquid Crystals*, **1997**, 296, 77-95	0.5	15
129	Conducting dimerized cobalt complexes with tetrathiafulvalene dithiolate ligands. *Inorganic Chemistry*, **2008**, 47, 863-74	5.1	15
128	Antiferromagnetic or canted antiferromagnetic orderings of Fe(III) d spins of FeX4- ions in BEDT-TTFVO(S).FeX4 (X = Cl, Br) [BEDT-TTFVO(S) = bis(ethylenedithio)tetrathiafulvalenoquinone(-thioquinone)-1,3-dithiolemethide]. *Inorganic Chemistry*, **2007**, 46, 3049-56	5.1	15
127	Synthesis, Structure, and Physical Properties of a New Organic Conductor Based on a Extended Donor Containing a Stable 2,2,5,5-tetramethyl-1-pyrrolidinyloxy Radical. *Advanced Materials*, **2004**, 16, 1765-1769	24	15
126	Photofunctional Conductors Based on TTF-BODIPY Dyads Bearing p-Phenylene and p-Phenylenevinylene Spacers. *European Journal of Inorganic Chemistry*, **2014**, 2014, 3960-3972	2.3	14
125	Ferromagnetic ordering of Fe(III) d spins of FeBr4- ions in (ethylenedithiotetrathiafulvalenothioquinone-ethylenedithio-1,3-dithiolemethide) x FeBr4. *Inorganic Chemistry*, **2005**, 44, 1184-6	5.1	14
124	Fermi surface reconstruction in the magnetic-field-induced superconductor (BETS)2FeBr4. *Physical Review B*, **2005**, 72,	3.3	14
123	A new type organic superconductor based on BETS molecules, (BETS)2GaBr4 [BETS = bis(ethylenedithio)tetraselenafulvalene]. *Journal of Materials Chemistry*, **2000**, 10, 245-247		14
122	A Vinylog of Bis-Fused TTF: Novel Electron Framework for Metallic and Superconducting Organic Solids. *Molecular Crystals and Liquid Crystals*, **1996**, 284, 27-38		14
121	Self-ordering of organic-metal hybrid microstructures based on tetrathiafulvalene derivatives. *Synthetic Metals*, **2014**, 189, 42-46	3.6	13
120	TTFfluorene dyads and their M(CN)2 (M = Ag, Au) salts designed for photoresponsive conducting materials. *New Journal of Chemistry*, **2014**, 38, 406-418	3.6	13
119	New Electron Donors with a 2,2,5,5-Tetramethylpyrrolin-1-yloxyl Radical Designed for Magnetic Molecular Conductors. *Chemistry Letters*, **2008**, 37, 84-85	1.7	13
118	The pressure effect on the antiferromagnetic and superconducting transitions of (BETS)2FeBr4. *Journal of Materials Chemistry*, **2004**, 14, 1682-1685		13
117	Estimation of -interactions in magnetic molecular conductors. *Polyhedron*, **2005**, 24, 2315-2320	2.7	13
116	Novel Oxygen-Containing Electron Donors for Organic Metals: 2-(1,3-Dithiol-2-ylidene)-5-(pyran-4-ylidene)- 1,3,4,6-tetrathiapentalenes. *Chemistry of Materials*, **1999**, 11, 2360-2368	9.6	13
115	Extended bis-fused tetrathiafulvalenes incorporating a heteroaromatic electron spacer. *Advanced Materials*, **1996**, 8, 804-807	24	13
114	Synthesis, Structure and Properties of an Unsymmetrical Tetraselenafulvalene Donor Fused with a Pyrazino-Ring (PEDTTSeF) and its Cation Radical Salt. *Advanced Materials*, **1999**, 11, 459-462	24	12
113	Preparation, Crystal Structure and Electrical Properties of 2-Cyclopentanylidene-1,3-dithiolo[4,5-d]tetrathiafulvalene Derivatives. *Chemistry Letters*, **1993**, 22, 445-448	1.7	12

112	Photokinetic study on remarkable excimer phosphorescence from heteroleptic cyclometalated platinum(ii) complexes bearing a benzoylated 2-phenylpyridinate ligand. *Physical Chemistry Chemical Physics*, **2017**, 20, 542-552	3.6	12
111	Luminescence and Single-Molecule-Magnet Behaviour in Lanthanide Coordination Complexes Involving Benzothiazole-Based Tetrathiafulvalene Ligands. *European Journal of Inorganic Chemistry*, **2018**, 2018, 458-468	2.3	11
110	Structures and Electrical Properties of □and □(BTM-TTP)2SbF6. *Chemistry Letters*, **2008**, 37, 396-397	1.7	11
109	Preparation, structures and physical properties of selenium analogues of DTEDT as promising donors for organic metals. *Journal of Materials Chemistry*, **2000**, 10, 1565-1572		11
108	Synthesis and properties of a new organic donor containing a TEMPO radical. *Synthetic Metals*, **2001**, 120, 971-972	3.6	11
107	Novel Stable Metallic Salts Based on a Donor Molecule Containingperi-Ditellurium Bridges, TMTTeN. *Inorganic Chemistry*, **1998**, 37, 2850-2851	5.1	11
106	Evidence for Strong □ Interaction in □(EDT-DSDTFVSDS)2FeBr4. *Journal of the Physical Society of Japan*, **2008**, 77, 014704	1.5	11
105	Photoinduced Triplet States of Photoconductive TTF Derivatives Including a Fluorescent Group. *Chemistry Letters*, **2011**, 40, 292-294	1.7	10
104	Compensation of effective field in the field-induced superconductor kappa-(BETS)2FeBr4 observed by 77Se NMR. *Physical Review Letters*, **2006**, 96, 217001	7.4	10
103	Metallic/semiconducting behaviors and an antiferromagnetic ordering of FeBr4□ spins in (Benzo-TTFVS)2□MX4 (M = Fe, Ga; X = Cl, Br). *Journal of Materials Chemistry*, **2005**, 15, 3479		10
102	A Magnetic Organic Conductor Based on a □Donor with a Stable Radical and a Magnetic Anion□A Step to Magnetic Organic Metals with Two Kinds of Localized Spin Systems. *Chemistry Letters*, **2006**, 35, 130-131	1.7	10
101	Novel □Extended Donors Containing a 2,2,5,5-Tetramethylpyrrolin-1-yloxyl Radical Designed for Magnetic Molecular Conductors. *Chemistry Letters*, **2004**, 33, 964-965	1.7	10
100	Magnetic molecular conductors based on BETS molecules and divalent magnetic anions [BETS = bis(ethylenedithio)tetraselenafulvalene]. *Inorganic Chemistry*, **2002**, 41, 3230-8	5.1	10
99	Antiferromagnetism and superconductivity of BETS conductors with Fe3+ ions. *Synthetic Metals*, **2001**, 120, 663-666	3.6	10
98	New TTF and bis-TTF containing thiophene units: Electrical properties of the resulting salts. *Synthetic Metals*, **2007**, 157, 508-516	3.6	9
97	Weak ferromagnetism in a semiconducting (ethylenedithiodiselena-dithiafulvalenoquinone-1,3-diselenolemethide)2.FeBr4 salt. *Inorganic Chemistry*, **2007**, 46, 8478-80	5.1	8
96	Thermal conductivity of the antiferromagnetic organic superconductor □(BETS)2FeBr4 in the low-field and field-induced superconducting states. *Physica C: Superconductivity and Its Applications*, **2003**, 388-389, 613-614	1.3	8
95	Synthesis, Structures, and Properties of New Organic Conductors Based on Tellurocycle-Fused TTF Donor Molecules. *Advanced Materials*, **1999**, 11, 1527-1530	24	8

94	Synthesis and properties of oligothiophene cation radical salts. *Synthetic Metals*, **1996**, 82, 155-158	3.6	8
93	Thermodynamic properties of antiferromagnetic ordered states of interacting systems of (BETS)2FeX4(X=Br,Cl). *Physical Review B*, **2016**, 93,	3.3	7
92	New fluorene-substituted TTF derivatives as photofunctional materials. *Physica B: Condensed Matter*, **2010**, 405, S12-S14	2.8	7
91	Preparation, structures and physical properties of κ-type two-dimensional conductors based on unsymmetrical extended tetrathiafulvalene: 2-cyclopentanylidene-1,3-dithiolo[4,5-d]-4,5-ethylenedithiotetrathiafulvalene (CPDTET). *Journal of Materials Chemistry*, **1998**, 8, 1711-1717		7
90	Fermi surface in magnetic-field-induced superconductor (BETS)2FeBr4. *Physica C: Superconductivity and Its Applications*, **2004**, 412-414, 107-110	1.3	7
89	Synthesis, structure and physical properties of donors containing a PROXYL radical. *Synthetic Metals*, **2003**, 135-136, 533-534	3.6	7
88	Magnetic properties of field-induced superconductor, -. *Physica B: Condensed Matter*, **2005**, 359-361, 457-459	2.8	7
87	Coexistence of antiferromagnetic order and superconductivity in organic conductors. *Polyhedron*, **2001**, 20, 1587-1592	2.7	7
86	Synthesis, structures and physical properties of the cation radical salts based on tempo radical containing electron donors. *Molecular Crystals and Liquid Crystals*, **2002**, 380, 269-275	0.5	7
85	Antiferromagnetic organic superconductors, bets 2 FeX 4 (X=Br, Cl). *Molecular Crystals and Liquid Crystals*, **2002**, 380, 139-144	0.5	7
84	Synthesis and properties of new organic donor containing organic radical part. *Synthetic Metals*, **1999**, 102, 1740	3.6	7
83	Synthesis and properties of the selenium analogue of DTEDT. *Chemical Communications*, **1996**, 363	5.8	7
82	2-(1?,3?-Dithiol-2?-ylidene)-5-(thiopyran-4?-ylidene)-1,3,4,6-tetrathiapentalene: a novel bis-fused electron donor. *Journal of the Chemical Society Chemical Communications*, **1993**, 949-951		7
81	(DTEDT)[Au(CN)2]0.4: ein organischer Supraleiter mit neuartigem Elektronengerst vinyloges, anelliertes Tetrathiafulvalen. *Angewandte Chemie*, **1995**, 107, 1340-1343	3.6	7
80	Magnetic properties of honeycomb-based spin models in verdazyl-based salts. *Physical Review Materials*, **2019**, 3,	3.2	7
79	Preparation of a novel bromine complex and its application in organic synthesis. *Tetrahedron*, **2019**, 75, 1398-1405	2.4	7
78	Synthesis, structure and physical properties of the new seleniumcontaining metal complex NBu4[Ni(ddds)2] (ddds =5,6-dihydro-1,4-dithiin-2,3-diselenolate). *Chemical Communications*, **1997**, 837-838	5.8	6
77	Structures and properties of MeDTDM salts. *Advanced Materials*, **1997**, 9, 633-635	24	6

76	Electronic properties of BETS superconductors with magnetic anions (BETS=bis(ethylenedithio)tetraselenafulvalene). *Synthetic Metals*, **2003**, 133-134, 477-479	3.6	6
75	Synthesis, structures and properties of new organic donors connecting to a TEMPO radical through a pyrrolidine ring. *Synthetic Metals*, **2003**, 133-134, 359-360	3.6	6
74	Structures and Conducting Properties of CPTM-TTP Salts. *Chemistry Letters*, **1995**, 24, 1125-1126	1.7	6
73	Malachite Green Derivatives for Dye-Sensitized Solar Cells: Optoelectronic Characterizations and Persistence on TiO2. *Bulletin of the Chemical Society of Japan*, **2018**, 91, 52-64	5.1	5
72	Structures and Electrical Properties of (BTM-TS-TTP)4PF6. *Bulletin of the Chemical Society of Japan*, **2011**, 84, 79-81	5.1	5
71	Interconvertible bistability in magnetic organic conductors based on bent donor molecules, EDO-EDSe-TTFVS(O). *Journal of Materials Chemistry*, **2009**, 19, 5837		5
70	Synthesis, structure and physical properties of a new TTF derivative containing a PPD part. *Journal of Physics: Conference Series*, **2008**, 132, 012025	0.3	5
69	Metal□emiconductor structural phase transitions and antiferromagnetic orderings in (Benzo-TTFVO)2□MX4 (M = Fe, Ga; X = Cl, Br) salts. *Journal of Materials Chemistry*, **2007**, 17, 1664-1673		5
68	Evidence for the□d interaction comparing magneto-resistance in (EDT-DSDTFVO)2 X, X=FeCl4, GaCl4. *Journal of Low Temperature Physics*, **2006**, 142, 469-472	1.3	5
67	Field-induced anomaly in the magnetoresistance of (EDO-TTFVO)2FeCl4 below 1.5 K. *Journal of Low Temperature Physics*, **2006**, 142, 485-489	1.3	5
66	Pressure effect on insulating state in ferrimagnetic□d system (EDT-TTFVO)2FeBr4. *Journal of Low Temperature Physics*, **2006**, 142, 613-616	1.3	5
65	Magnetic Organic Superconductors Based on BETS Molecules--Interplay of Conductivity and Magnetism. *Molecular Crystals and Liquid Crystals*, **2002**, 379, 9-18	0.5	5
64	Synthesis and properties of PDT- and TPDT-TTP derivatives. *Synthetic Metals*, **1995**, 70, 1147-1148	3.6	5
63	Conductivity of Radical-Cation Salts of TTP Series Donors under High Pressure. *Molecular Crystals and Liquid Crystals*, **1996**, 284, 259-270		5
62	Interplay Between Conducting and Magnetic Systems in the Antiferromagnetic Organic Superconductor □(BETS)2FeBr4. *Journal of Superconductivity and Novel Magnetism*, **2016**, 29, 3075-3080	1.5	5
61	BDT-TTP donors fused with aromatic rings and their cation radical salts. *Synthetic Metals*, **1997**, 86, 1821-1822	3.6	4
60	Anomalous Magnetic-Field-Hysteresis of Quantum Oscillations in □(BETS)2FeBr4. *Journal of Low Temperature Physics*, **2007**, 142, 531-534	1.3	4
59	Magnetic ion salts using selenium analogues of a new donor molecule, benzotetrathiafulvalenothioquinone-1,3-dithiolemethide. *Journal of Low Temperature Physics*, **2006**, 142, 433-436	1.3	4

58	BDT-TTP-Based Conductors Containing Divalent Magnetic and Non-Magnetic Inorganic Anions, [MIICl4]2(M = Co, Mn, Zn). *Bulletin of the Chemical Society of Japan*, **2006**, 79, 527-536	5.1	4
57	Interplay of magnetism and superconductivity in BETS conductors (BETS= bis(ethylenedithio)tetraselenafulvalene). *Synthetic Metals*, **2003**, 137, 1157-1162	3.6	4
56	Molecular Conductors Based on peri-Ditellurium-Bridged Donors,2,3-DMTTeA and TMTTeN. *European Journal of Inorganic Chemistry*, **2005**, 2005, 3435-3449	2.3	4
55	Synthesis and properties of tris-fused donor containing thiopyran ring. *Synthetic Metals*, **1999**, 102, 1737-1738	3.6	4
54	New Stable Metallic Salt Based on a Donor Molecule Containingperi-Ditellurium Bridges, TMTTeN(SCN)0.88. *Chemistry Letters*, **1999**, 28, 845-846	1.7	4
53	Synthesis and properties of bis-fused TTF donors. *Synthetic Metals*, **1995**, 70, 1149-1150	3.6	4
52	Synthesis and properties of new tetrathiafulvalenes condensed with 1,3-dithiol-2-ylidenes. *Synthetic Metals*, **1993**, 56, 1983-1988	3.6	4
51	A novel symmetric TTF-pyridyl thiolato zinc complex: synthesis, characterization and crystal structure analysis. *Dalton Transactions*, **2017**, 46, 4912-4916	4.3	3
50	Synthesis, structure, and properties of coordination complexes based on zinc halides and TTF-pyridyl ligand. *Synthetic Metals*, **2015**, 203, 255-260	3.6	3
49	Anisotropic Field Dependence of the Superconducting Transition in the Magnetic Molecular Superconductor (BETS)2FeBr4. *Journal of the Physical Society of Japan*, **2017**, 86, 014706	1.5	3
48	Negative magnetoresistance in an antiferromagnetic metal -(EDO-TTFVODS)2FeBr4(DCE)0.5. *Solid State Sciences*, **2008**, 10, 1745-1748	3.4	3
47	Magnetic orderings of Fe3+ d spins in the 1:1 salts of BEDT-TTFVS(O) with FeX4(X=Br, Cl) ions. *Journal of Magnetism and Magnetic Materials*, **2007**, 310, 1087-1089	2.8	3
46	Stable molecular metals based on bis(ethylenedithio)tetraselenafulvalene and halogen ions: (BETS)2XC2H4(OH)2 (X=Br, Cl). *Synthetic Metals*, **2002**, 128, 273-278	3.6	3
45	Electrical Properties of DT-TTF Salts. *Molecular Crystals and Liquid Crystals*, **1996**, 284, 329-336		3
44	Hydrogen bond-rigidified planar squaraine dye and its electronic and organic semiconductor properties. *Chemical Communications*, **2020**, 56, 9890-9893	5.8	3
43	Deep Blue Asymmetrical Streptocyanine Dyes: Synthesis, Spectroscopic Characterizations, and Ion-Specific Cooperative Adsorption at the Surface of TiO2 Anatase Nanoparticles. *Journal of Physical Chemistry C*, **2017**, 121, 15049-15062	3.8	2
42	Crystal structure and physical properties of a magnetic molecular conductor (EDO-TTFVODS)2FeCl4. *Synthetic Metals*, **2010**, 160, 2413-2416	3.6	2
41	Fe2OCl6(2-) salt formed by electrochemical oxidation of ethylenedioxytetrathiafulvalenoquinone-1,3-dithiolemethide in the presence of FeCl4- ion with a silicon wafer electrode. *Inorganic Chemistry*, **2008**, 47, 7074-6	5.1	2

40	Shubnikov de Haas oscillations and field-induced anomaly in an organic conductor -(EDO-TTFVO)FeCl. *Journal of Magnetism and Magnetic Materials*, **2007**, 310, 1093-1095	2.8	2
39	An antiferromagnetic semiconductor based on ethylenedioxytetrathiafulvalenothioquinone-1,3-dithiolemethide, (EDO-TTFVS)FeBr4. *Journal of Low Temperature Physics*, **2006**, 142, 401-404	1.3	2
38	Strong evidence of field-induced superconductivity and Shubnikov-de Haas oscillation in -(BETS)2FeBr4. *European Physical Journal Special Topics*, **2004**, 114, 223-226		2
37	Development and physical properties of magnetic organic superconductors based on BETS molecules [BETS=Bis(ethylenedithio)tetraselenafulvalene]. *Journal of Physics and Chemistry of Solids*, **2002**, 63, 1235-1238	3.9	2
36	New organic conductors based on tellurium-containing donor molecules. *Molecular Crystals and Liquid Crystals*, **2002**, 380, 175-181	0.5	2
35	Synthesis and properties of a new TSeF derivative containing a pyrazino-ring. *Synthetic Metals*, **2001**, 120, 887-888	3.6	2
34	Crystal structures and physical properties of DTET-TTF salts. *Synthetic Metals*, **1995**, 70, 1151-1152	3.6	2
33	Synthesis and Physical Properties of Tetrathiafulvalene-8-Quinolinato Zinc(II) and Nickel(II) Complexes. *Inorganics*, **2021**, 9, 11	2.9	2
32	Experimental evidence for Zeeman spin orbit coupling in layered antiferromagnetic conductors. *Npj Quantum Materials*, **2021**, 6,	5	2
31	Double Heterohelicenes Composed of Benzo[]- and Dibenzo[,]phenoxazine: A Comprehensive Comparison of Their Electronic and Chiroptical Properties. *Journal of Physical Chemistry Letters*, **2021**, 12, 9283-9292	6.4	2
30	Extreme multi-point van der Waals interactions: isolable dimers of phthalocyanines substituted with pillar-like azaacenes. *Chemical Science*, **2019**, 10, 8939-8945	9.4	1
29	Tetrathiafulvalene-Inserted Diphenoquinone: Synthesis, Structure, and Dynamic Redox Property. *Chemistry - A European Journal*, **2020**, 26, 14144-14151	4.8	1
28	New Ethylenedithio-TTF Containing a 2,2,5,5-Tetramethylpyrrolin-1-yloxyl Radical through a Vinylene Spacer and Its FeCl4 Salt Synthesis, Physical Properties and Crystal Structure Analyses. *Magnetochemistry*, **2017**, 3, 8	3.1	1
27	Low-temperature far-infrared absorption in the antiferromagnetic organic superconductor (BETS)2FeBr4. *Physical Review B*, **2010**, 81,	3.3	1
26	Selenium analogues of DTEDT as promising donors for organic metals. *Synthetic Metals*, **1997**, 86, 1813-1814	3.6	1
25	Synthesis and properties of alkyl-substituted DTEDT derivatives. *Synthetic Metals*, **1997**, 86, 1887-1888	3.6	1
24	Structures and properties of alkyl substituted BDT-TTP salts. *Synthetic Metals*, **1997**, 86, 2017-2018	3.6	1
23	Novel Sulfur Selenium Exchange in Ethylenedioxy- and Ethylenedithio-dithiadiselenafulvalenedithiolates. *Chemistry Letters*, **2008**, 37, 428-429	1.7	1

22	An Antiferromagnetic Semiconductor Based on Ethylenedioxytetrathiafulvalenothioquinone-1,3-dithiolemethide, (EDO-TTFVS)FeBr4. *Journal of Low Temperature Physics*, **2007**, 142, 405-408	1.3	1
21	Nuclear spin-lattice relaxation in (BETS)2FeBr4. *Synthetic Metals*, **2005**, 154, 253-256	3.6	1
20	Isotropic magnetoresistance anomaly in the antiferromagnetic anisotropic conductor, ?(EDO-TTFVO)2FeCl4. *Journal of Physics: Conference Series*, **2006**, 51, 367-370	0.3	1
19	Recent progress in development of single-component molecular metals. *European Physical Journal Special Topics*, **2004**, 114, 419-424		1
18	BETS-Based Molecular Conductors with Tetrahedral Anions TlCl4 MnBr4 2CoCl4 2(BETS = Bis(ethylenedithio)tetraselenafulvalene). *Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya*, **2003**, 29, 773-779	1.6	1
17	Three dimensional metals based on a tellurium-containing donors, TMTTeN and related conductors. *Synthetic Metals*, **1999**, 103, 1865-1868	3.6	1
16	Development of Single-Component Molecular Metals and Magnetic Molecular Superconductors **2004**, 81-98		1
15	A New Organic Superconductor: (DTEDT)[Au(CN)2]0.4 **1996**, 437-440		1
14	Organic Conductors with Narrow Bandwidth Based on 2-(Pyran-4-ylidene)-1,3-dithiole. *Bulletin of the Chemical Society of Japan*, **2021**, 94, 1331-1339	5.1	1
13	Synthesis and Electronic Properties of Directly Linked Dihydrodiazatetracene Dimers. *Chemistry - A European Journal*, **2021**, 27, 4430-4438	4.8	1
12	Photophysical properties of 4-(5-methylthiophen-2-yl)pyridiniumcyclic enolate betaine dyes tuned by control of twisted intramolecular transfer. *New Journal of Chemistry*, **2021**, 45, 9770-9779	3.6	1
11	A dicyanomethyl radical stabilized by ferrocene: a new building block for radical-based dynamic covalent chemistry with redox activity.. *Chemical Communications*, **2022**,	5.8	1
10	Structures and electrical properties of a new molecular conductor (BSM-TTP)4(PF6)3(C6H5Cl)2. *Physica Status Solidi C: Current Topics in Solid State Physics*, **2012**, 9, 1149-1151		0
9	Preparation and properties of novel hetero-halogen complexes. *Tetrahedron*, **2022**, 132854	2.4	0
8	ESR study on correlated molecular salt with benzo group. *Journal of Magnetism and Magnetic Materials*, **2007**, 310, 1096-1098	2.8	
7	Pressure Effect on Insulating State in Ferrimagnetic System (EDT-TTFVO)2 FeBr4. *Journal of Low Temperature Physics*, **2007**, 142, 617-621	1.3	
6	Magnetic Ion Salts Using Selenium Analogues of a New Donor Molecule, Benzotetrathiafulvalenothioquinone-1,3-dithiolemethide. *Journal of Low Temperature Physics*, **2007** , 142, 437-440	1.3	
5	Field-Induced Anomaly in the Magnetoresistance of (EDO-TTFVO)2FeCl4 below 1.5 K. *Journal of Low Temperature Physics*, **2007**, 142, 489-493	1.3	

4	Evidence for the □d Interaction Comparing Magnetoresistance in (EDT-DSDTFVO)2 X, X=FeCl4, GaCl4. *Journal of Low Temperature Physics*, **2007**, 142, 473-476	1.3
3	Anomalous magnetic-field-hysteresis of quantum oscillations in □(BETS)2FeBr4. *Journal of Low Temperature Physics*, **2006**, 142, 527-530	1.3
2	High field magnetization of (Benzo-TTFVS)2FeBr4and (Benzo-TTFVO)2FeBr4. *Journal of Physics: Conference Series*, **2006**, 51, 331-334	0.3
1	Synthesis, structure and properties of novel TTF dimers bridged by two trisulfide chains. *Synthetic Metals*, **1999**, 102, 1739	3.6