

Hideki Fujiwara

List of Publications by Year in descending order

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189
papers

3,715
citations

136740

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168136

53
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all docs

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docs citations

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times ranked

2406
citing authors

#	ARTICLE	IF	CITATIONS
1	Mn ₃ (HCOO) ₆ : a 3D porous magnet of diamond framework with nodes of Mn-centered MnMn ₄ tetrahedron and guest-modulated ordering temperature. <i>Chemical Communications</i> , 2004, , 416-417.	2.2	275
2	A Novel Antiferromagnetic Organic Superconductor $\hat{\rho}$ -(BETS) ₂ FeBr ₄ [Where BETS = Bis(ethylenedithio)tetraselenafulvalene]. <i>Journal of the American Chemical Society</i> , 2001, 123, 306-314.	6.6	175
3	Antiferromagnetic Organic Metal Exhibiting Superconducting Transition, $\hat{\rho}$ -(BETS) ₂ FeBr ₄ [BETS = Bis(ethylenedithio)tetraselenafulvalene]. <i>Journal of the American Chemical Society</i> , 1999, 121, 5581-5582.	6.6	157
4	Occurrence of a Rare 49 $\hat{\text{A}}$ -66Structural Topology, Chirality, and Weak Ferromagnetism in the [NH ₄][MII(HCOO) ₃] (M = Mn, Co, Ni) Frameworks. <i>Inorganic Chemistry</i> , 2007, 46, 437-445.	1.9	157
5	Synthesis and Characterization of a Porous Magnetic Diamond Framework, Co ₃ (HCOO) ₆ , and Its N ₂ Sorption Characteristic. <i>Inorganic Chemistry</i> , 2005, 44, 1230-1237.	1.9	150
6	(DTEDT)[Au(CN) ₂] _{0.4} : An Organic Superconductor Based on the Novel $\hat{\rho}$ -Electron Framework of Vinylogous Bis-Fused Tetrathiafulvalene. <i>Angewandte Chemie International Edition in English</i> , 1995, 34, 1222-1225.	4.4	128
7	Highly Conducting Crystals Based on Single-Component Gold Complexes with Extended-TTF Dithiolate Ligands. <i>Journal of the American Chemical Society</i> , 2003, 125, 1486-1487.	6.6	109
8	An Indication of Magnetic-Field-Induced Superconductivity in a Bifunctional Layered Organic Conductor, $\hat{\rho}$ -(BETS) ₂ FeBr ₄ . <i>Journal of the American Chemical Society</i> , 2002, 124, 6816-6817.	6.6	83
9	Magnetic-field-induced superconductivity in the antiferromagnetic organic superconductor $\hat{\rho}$ -(BETS) ₂ FeBr ₄ . <i>Physical Review B</i> , 2004, 70, .	1.1	77
10	Stable Metallic Behavior and Antiferromagnetic Ordering of Fe(III)dSpins in (EDO-TTFVO) ₂ $\hat{\text{A}}$ -FeCl ₄ . <i>Journal of the American Chemical Society</i> , 2005, 127, 14166-14167.	6.6	65
11	Structure and Conducting Properties of BDT-TTP Salts. <i>Chemistry Letters</i> , 1994, 23, 1653-1656.	0.7	60
12	Photo- and Electroluminescence from 2-(Dibenzo[<i>b</i>], <i>d</i>]furan-4-yl)pyridine-Based Heteroleptic Cyclometalated Platinum(II) Complexes: Excimer Formation Drastically Facilitated by an Aromatic Diketonate Ancillary Ligand. <i>Journal of Physical Chemistry C</i> , 2013, 117, 532-542.	1.5	60
13	Isotopically enriched polymorphs of dysprosium single molecule magnets. <i>Chemical Communications</i> , 2017, 53, 3575-3578.	2.2	59
14	Crystal Structure and Physical Properties of (BDT-TTP) ₂ ClO ₄ . <i>Bulletin of the Chemical Society of Japan</i> , 1994, 67, 2685-2689.	2.0	56
15	Organic Antiferromagnetic Metals Exhibiting Superconducting Transitions $\hat{\rho}$ -(BETS) ₂ FeX ₄ (X=Cl, Br): Drastic Effect of Halogen Substitution on the Successive Phase Transitions. <i>Journal of Solid State Chemistry</i> , 2001, 159, 407-412.	1.4	50
16	Photoelectric response of a black lipid membrane containing an amphiphilic azobenzene derivative. <i>Nature</i> , 1991, 351, 724-726.	13.7	46
17	Infrared Electronic Absorption in a Single-Component Molecular Metal. <i>Journal of the American Chemical Society</i> , 2004, 126, 426-427.	6.6	46
18	New Organic Metals Based on Bis-Fused TTF Donors. <i>Molecular Crystals and Liquid Crystals</i> , 1996, 284, 271-282.	0.3	44

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19	Tetrathiafulvalene [FeIII(C2O4)Cl2]: An Organic-Inorganic Hybrid Exhibiting Canted Antiferromagnetism. <i>Advanced Materials</i> , 2005, 17, 1988-1991.	11.1	44
20	Conformational effect of symmetrical squaraine dyes on the performance of dye-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2013, 1, 1303-1309.	5.2	44
21	Dual-Action Molecular Superconductors with Magnetic Anions. <i>Journal of the American Chemical Society</i> , 2002, 124, 9982-9983.	6.6	42
22	Pressure-Induced Superconducting Transition of β -(BETS)2FeCl4 with π - π Coupled Antiferromagnetic Insulating Ground State at Ambient Pressure [BETS = Bis(ethylenedithio)tetrathiafulvalene]. <i>Journal of the American Chemical Society</i> , 1999, 121, 11243-11244.	6.6	40
23	A Bimetallic Ru ₂ Pt Complex Containing a Trigonal-Planar λ^3 -Carbido Ligand: Formation, Structure, and Reactivity Relevant to the Fischer-Tropsch Process. <i>Journal of the American Chemical Society</i> , 2009, 131, 18026-18027.	6.6	40
24	A vinylogue of bis-fused tetrathiafulvalene: novel π -electron framework for two-dimensional organic metals. <i>Journal of Materials Chemistry</i> , 1995, 5, 1571-1579.	6.7	38
25	Nanowires of molecule-based charge-transfer salts. <i>New Journal of Chemistry</i> , 2007, 31, 519-527.	1.4	36
26	Photo- and electroluminescence from deep-red- and near-infrared-phosphorescent tris-cyclometalated iridium(III) complexes bearing largely π -extended ligands. <i>Inorganic Chemistry Communication</i> , 2013, 38, 14-19.	1.8	36
27	Syntheses, Structures, and Physical Properties of Nickel Bis(dithiolene) Complexes Containing Tetrathiafulvalene (TTF) Units. <i>Inorganic Chemistry</i> , 2004, 43, 1122-1129.	1.9	34
28	Crystal structures and physical properties of single-component molecular conductors consisting of nickel and gold complexes with bis(trifluoromethyl)tetrathiafulvalenedithiolate ligands. <i>Journal of Materials Chemistry</i> , 2005, 15, 155.	6.7	34
29	Two-dimensional Fermi surface for the organic conductor β -(BETS)2FeBr4. <i>Physica B: Condensed Matter</i> , 2001, 298, 557-561.	1.3	33
30	A Metallic (EDT-DSDTFVSDS)2 \cdot FeBr4 Salt: Antiferromagnetic Ordering of d Spins of FeBr4 Ions and Anomalous Magnetoresistance Due to Preferential π - π Interaction. <i>Journal of the American Chemical Society</i> , 2006, 128, 11746-11747.	6.6	33
31	Novel Bis-Fused π -Electron Donors for Organic Metals: 2-(1,3-Dithiol-2-ylidene)-5-(thiopyran-4-ylidene)-1,3,4,6-tetrathiapentalene. <i>Journal of Organic Chemistry</i> , 1996, 61, 3650-3656.	1.7	32
32	Successive Antiferromagnetic and Superconducting Transitions in an Organic Metal, β -(BETS)2FeCl4. <i>Chemistry Letters</i> , 2000, 29, 732-733.	0.7	32
33	New π -extended organic donor containing a stable TEMPO radical as a candidate for conducting magnetic multifunctional materials. <i>Chemical Communications</i> , 1999, , 2417-2418.	2.2	29
34	Development of an Antiferromagnetic Organic Superconductor β -(BETS)2FeBr4. <i>Bulletin of the Chemical Society of Japan</i> , 2005, 78, 1181-1196.	2.0	29
35	Synthesis, structure, and photoelectrochemical properties of new tetrathiafulvalene-diphenyl-1,3,4-oxadiazole dyads. <i>Tetrahedron Letters</i> , 2008, 49, 7200-7203.	0.7	28
36	Shubnikov-de Haas effect and Yamaji oscillations in the antiferromagnetically ordered organic superconductor β -(BETS)2FeBr4: a fermiology study. <i>Solid State Communications</i> , 2000, 116, 557-562.	0.9	27

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37	An Antiferromagnetic Molecular Metal Based on a New Bent-Donor Molecule. <i>Journal of the American Chemical Society</i> , 2007, 129, 12618-12619.	6.6	27
38	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. <i>RSC Advances</i> , 2016, 6, 51435-51445.	1.7	27
39	A Series of Organic Conductors, $\text{I}^{\text{II}}\text{-(BETS)}_2\text{FeBr}_x\text{Cl}_{4-x}$ ($0 \leq x \leq 4$), Exhibiting Successive Antiferromagnetic and Superconducting Transitions. <i>Advanced Materials</i> , 2002, 14, 1376-1379.	11.1	25
40	Magnetoresistance Effects Evidencing the d-d Interaction in Metallic Organic Conductors, $(\text{EDT-DSDTFVO})_2\text{MX}_4$ ($\text{M} = \text{Fe, Ga}$; $\text{X} = \text{Cl, Br}$). <i>Inorganic Chemistry</i> , 2006, 45, 5712-5714.	1.9	25
41	Single-Molecule Junctions with Strong Molecule-Electrode Coupling. <i>Journal of the American Chemical Society</i> , 2009, 131, 14146-14147.	6.6	25
42	Novel I^{II} -type organic metal based on a bis-fused tetrathiafulvalene derivative. <i>Advanced Materials</i> , 1997, 9, 714-716.	11.1	24
43	CuI and CuI Coordination Complexes Involving Two Tetrathiafulvalene-1,3-benzothiazole Hybrid Ligands and Their Radical Cation Salts. <i>Inorganic Chemistry</i> , 2013, 52, 6543-6550.	1.9	23
44	Photocurrent generation based on new tetrathiafulvalene-BODIPY dyads. <i>Tetrahedron Letters</i> , 2013, 54, 1251-1255.	0.7	22
45	(2-Methylidene-1,3-dithiol[4,5-d])tetrathiafulvalene (DT-TTF): new unsymmetrical TTFs condensed with 1,3-dithiol-2-ylidene moieties. <i>Journal of the Chemical Society Chemical Communications</i> , 1992, , 1408.	2.0	21
46	Novel 10,13-disubstituted dipyrido[3,2-a:2',3'-c]phenazines and their platinum(II) complexes: highly luminescent ICT-type fluorophores based on $\text{D}^{\text{A}}\text{D}$ structures. <i>Tetrahedron Letters</i> , 2014, 55, 5195-5198.	0.7	21
47	Extended bis-fused tetrathiafulvalenes incorporating a heteroaromatic π -electron spacer. <i>Advanced Materials</i> , 1996, 8, 804-807.	11.1	20
48	Novel I^{II} -Electron Donors for Magnetic Conductors Containing a PROXYL Radical. <i>Chemistry Letters</i> , 2002, 31, 1048-1049.	0.7	20
49	Photoluminescence color tuning of phosphorescent bis-cyclometalated iridium(III) complexes by ancillary ligand replacement. <i>Dyes and Pigments</i> , 2012, 95, 695-705.	2.0	20
50	Synthesis, structure and properties of a novel trisulfide double-bridged TTF dimer. <i>Journal of Materials Chemistry</i> , 1998, 8, 829-831.	6.7	19
51	A Novel TTP Donor Containing a PROXYL Radical for Magnetic Molecular Conductors. <i>Chemistry Letters</i> , 2003, 32, 482-483.	0.7	19
52	Novel Oxygen-Containing I^{II} -Electron Donors for Organic Metals: $\text{2-(1,3-Dithiol-2-ylidene)-5-(pyran-4-ylidene)-1,3,4,6-tetrathiapentalenes}$. <i>Chemistry of Materials</i> , 1999, 11, 2360-2368.	3.2	18
53	Photokinetic study on remarkable excimer phosphorescence from heteroleptic cyclometalated platinum(II) complexes bearing a benzoylated 2-phenylpyridinate ligand. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 542-552.	1.3	18
54	A Vinylog of Bis-Fused TTF: Novel I^{II} -Electron Framework for Metallic and Superconducting Organic Solids. <i>Molecular Crystals and Liquid Crystals</i> , 1996, 284, 27-38.	0.3	17

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55	New aspects of π - π^* interactions in magnetic molecular conductors. <i>Science and Technology of Advanced Materials</i> , 2009, 10, 024302.	2.8	17
56	Magnetic properties of honeycomb-based spin models in verdazyl-based salts. <i>Physical Review Materials</i> , 2019, 3, .	0.9	17
57	Synthesis, Structures And Properties Of Cyclopenteno Annelated Bis-Fused TTF Donors And Their Molecular Complexes. <i>Molecular Crystals and Liquid Crystals</i> , 1997, 296, 77-95.	0.4	16
58	A new π -type organic superconductor based on BETS molecules, π -(BETS) ₂ GaBr ₄ [BETS = bis(ethylenedithio)tetrathiafulvalene]. <i>Journal of Materials Chemistry</i> , 2000, 10, 245-247.	6.7	16
59	Thermal conductivity of organic superconductors in oriented magnetic field. <i>Synthetic Metals</i> , 2003, 137, 1291-1293.	2.1	16
60	Antiferromagnetic or Canted Antiferromagnetic Orderings of Fe(III) d Spins of FeX ₄ -Ions in BEDT-TTFVO(S) \cdot FeX ₄ (X = Cl, Br) [BEDT-TTFVO(S) = Bis(ethylenedithio)tetrathiafulvalenoquinone(-thioquinone)-1,3-dithiolemethide]. <i>Inorganic Chemistry</i> , 2007, 46, 3049-3056.	1.9	16
61	Conducting Dimerized Cobalt Complexes with Tetrathiafulvalene Dithiolate Ligands. <i>Inorganic Chemistry</i> , 2008, 47, 863-874.	1.9	16
62	Preparation, Crystal Structure and Electrical Properties of 2-Cyclopentanylidene-1,3-dithio[4,5-d]tetrathiafulvalene Derivatives. <i>Chemistry Letters</i> , 1993, 22, 445-448.	0.7	15
63	Novel Stable Metallic Salts Based on a Donor Molecule Containingperi-Ditellurium Bridges, TMTTeN. <i>Inorganic Chemistry</i> , 1998, 37, 2850-2851.	1.9	15
64	Synthesis, Structure, and Physical Properties of a New Organic Conductor Based on a π -Extended Donor Containing a Stable 2,2,5,5-tetramethyl-1-pyrrolidinyloxy Radical. <i>Advanced Materials</i> , 2004, 16, 1765-1769.	11.1	15
65	Ferromagnetic Ordering of Fe(III) d Spins of FeBr ₄ -Ions in (Ethylenedithiotetrathiafulvalenoethylenedithio-1,3-dithiolemethide) \cdot FeBr ₄ . <i>Inorganic Chemistry</i> , 2005, 44, 1184-1186.	1.9	15
66	Development of photofunctional materials using TTF derivatives containing a 1,3-benzothiazole ring. <i>Physica B: Condensed Matter</i> , 2010, 405, S15-S18.	1.3	15
67	Photofunctional Conductors Based on TTF-BODIPY Dyads Bearingp-Phenylene andp-Phenylenevinylene Spacers. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 3960-3972.	1.0	15
68	Synthesis, Structure and Properties of an Unsymmetrical Tetraselenafulvalene Donor Fused with a Pyrazino-Ring (PEDTTSeF) and its Cation Radical Salt. <i>Advanced Materials</i> , 1999, 11, 459-462.	11.1	14
69	The pressure effect on the antiferromagnetic and superconducting transitions of π -(BETS) ₂ FeBr ₄ . <i>Journal of Materials Chemistry</i> , 2004, 14, 1682-1685.	6.7	14
70	Fermi surface reconstruction in the magnetic-field-induced superconductor π -(BETS) ₂ FeBr ₄ . <i>Physical Review B</i> , 2005, 72, .	1.1	14
71	New π -Electron Donors with a 2,2,5,5-Tetramethylpyrrolin-1-yloxy Radical Designed for Magnetic Molecular Conductors. <i>Chemistry Letters</i> , 2008, 37, 84-85.	0.7	14
72	Self-ordering of organic-metal hybrid microstructures based on tetrathiafulvalene derivatives. <i>Synthetic Metals</i> , 2014, 189, 42-46.	2.1	14

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73	TTF-fluorene dyads and their $M(CN)_2$ (M = Ag, Au) salts designed for photoresponsive conducting materials. <i>New Journal of Chemistry</i> , 2014, 38, 406-418.	1.4	14
74	Preparation, structures and physical properties of selenium analogues of DTEDT as promising donors for organic metals. <i>Journal of Materials Chemistry</i> , 2000, 10, 1565-1572.	6.7	13
75	Estimation of π - π -interactions in magnetic molecular conductors. <i>Polyhedron</i> , 2005, 24, 2315-2320.	1.0	13
76	Luminescence and Single-Molecule-Magnet Behaviour in Lanthanide Coordination Complexes Involving Benzothiazole-Based Tetrathiafulvalene Ligands. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 458-468.	1.0	13
77	Compensation of Effective Field in the Field-Induced Superconductor $(BETS)_{2}FeBr_{4}$ Observed by ^{77}Se NMR. <i>Physical Review Letters</i> , 2006, 96, 217001.	2.9	12
78	Structures and Electrical Properties of \hat{I}^{2-} - and \hat{I}^{-} -(BTM-TTP) $_2$ SbF $_6$. <i>Chemistry Letters</i> , 2008, 37, 396-397.	0.7	12
79	Hydrogen bond-rigidified planar squaraine dye and its electronic and organic semiconductor properties. <i>Chemical Communications</i> , 2020, 56, 9890-9893.	2.2	12
80	2-(1,3-Dithiol-2-ylidene)-5-(thiopyran-4-ylidene)-1,3,4,6-tetrathiapentalene: a novel bis-fused π -electron donor. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 949-951.	2.0	11
81	Synthesis and properties of oligothiophene cation radical salts. <i>Synthetic Metals</i> , 1996, 82, 155-158.	2.1	11
82	Synthesis and properties of the selenium analogue of DTEDT. <i>Chemical Communications</i> , 1996, , 363.	2.2	11
83	Synthesis and properties of a new organic donor containing a TEMPO radical. <i>Synthetic Metals</i> , 2001, 120, 971-972.	2.1	11
84	Magnetic Molecular Conductors Based on BETS Molecules and Divalent Magnetic Anions [BETS = Bis(ethylenedithio)tetraselenafulvalene]. <i>Inorganic Chemistry</i> , 2002, 41, 3230-3238.	1.9	11
85	Novel π -Extended Donors Containing a 2,2,5,5-Tetramethylpyrrolin-1-yloxy Radical Designed for Magnetic Molecular Conductors. <i>Chemistry Letters</i> , 2004, 33, 964-965.	0.7	11
86	Metallic/semiconducting behaviors and an antiferromagnetic ordering of $FeBr_4$ spins in (Benzo-TTFVS) $_2$ MX $_4$ (M = Fe, Ga; X = Cl, Br). <i>Journal of Materials Chemistry</i> , 2005, 15, 3479.	6.7	11
87	Photoinduced Triplet States of Photoconductive TTF Derivatives Including a Fluorescent Group. <i>Chemistry Letters</i> , 2011, 40, 292-294.	0.7	11
88	Experimental evidence for Zeeman spin-orbit coupling in layered antiferromagnetic conductors. <i>Npj Quantum Materials</i> , 2021, 6, .	1.8	11
89	Evidence for Strong π - π Interaction in \hat{I}^{2-} -(EDT-DSDTFVSDS) $_2$ FeBr $_4$. <i>Journal of the Physical Society of Japan</i> , 2008, 77, 014704.	0.7	11
90	(DTEDT)[Au(CN) $_2$] $_0.4$: ein organischer Supraleiter mit neuartigem π -Elektronengerüst - vinyloges, anelliertes Tetrathiafulvalen. <i>Angewandte Chemie</i> , 1995, 107, 1340-1343.	1.6	10

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91	Antiferromagnetism and superconductivity of BETS conductors with Fe ³⁺ ions. <i>Synthetic Metals</i> , 2001, 120, 663-666.	2.1	10
92	A Magnetic Organic Conductor Based on a π -Donor with a Stable Radical and a Magnetic Anion—A Step to Magnetic Organic Metals with Two Kinds of Localized Spin Systems. <i>Chemistry Letters</i> , 2006, 35, 130-131.	0.7	10
93	New TTF and bis-TTF containing thiophene units: Electrical properties of the resulting salts. <i>Synthetic Metals</i> , 2007, 157, 508-516.	2.1	10
94	Double Heterohelicenes Composed of Benzo[b]- and Dibenzo[b,i]phenoxazine: A Comprehensive Comparison of Their Electronic and Chiroptical Properties. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 9283-9292.	2.1	10
95	Synthesis, Structures, and Properties of New Organic Conductors Based on Tellurocycle-Fused TTF Donor Molecules. <i>Advanced Materials</i> , 1999, 11, 1527-1530.	11.1	9
96	Weak Ferromagnetism in a Semiconducting (Ethylenedithio)selenene-1,4-dithiafulvalenequinone (ETDQ) Complex. <i>Chemistry</i> , 2007, 46, 8478-8480.	1.9	9
97	Thermodynamic properties of antiferromagnetic ordered states of π -conjugated dimeric systems of $(\text{BETS})_2\text{FeX}_4$ (X=Br,Cl). <i>Physical Review B</i> , 2016, 93, .	1.1	9
98	Preparation of a novel bromine complex and its application in organic synthesis. <i>Tetrahedron</i> , 2019, 75, 1398-1405.	1.0	9
99	Synthesis and properties of new organic donor containing organic radical part. <i>Synthetic Metals</i> , 1999, 102, 1740.	2.1	8
100	Coexistence of antiferromagnetic order and superconductivity in organic conductors. <i>Polyhedron</i> , 2001, 20, 1587-1592.	1.0	8
101	Thermal conductivity of the antiferromagnetic organic superconductor $\hat{\Gamma}^2$ -(BETS) ₂ FeBr ₄ in the low-field and field-induced superconducting states. <i>Physica C: Superconductivity and Its Applications</i> , 2003, 388-389, 613-614.	0.6	8
102	Synthesis, structure and physical properties of donors containing a PROXYL radical. <i>Synthetic Metals</i> , 2003, 135-136, 533-534.	2.1	8
103	New fluorene-substituted TTF derivatives as photofunctional materials. <i>Physica B: Condensed Matter</i> , 2010, 405, S12-S14.	1.3	8
104	Structures and Electrical Properties of (BTM-TS-TTP) ₄ PF ₆ . <i>Bulletin of the Chemical Society of Japan</i> , 2011, 84, 79-81.	2.0	8
105	A dicyanomethyl radical stabilized by ferrocene: a new building block for radical-based dynamic covalent chemistry with redox activity. <i>Chemical Communications</i> , 2022, 58, 3553-3556.	2.2	8
106	Structures and Conducting Properties of CPTM-TTP Salts. <i>Chemistry Letters</i> , 1995, 24, 1125-1126.	0.7	7
107	Synthesis and properties of PDT- and TPDT-TTP derivatives. <i>Synthetic Metals</i> , 1995, 70, 1147-1148.	2.1	7
108	Synthesis, structure and physical properties of the new selenium containing metal complex NBu ₄ [Ni(ddd)S ₂] (ddd = 5,6-dihydro-1,4-dithiin-2,3-diselenolate). <i>Chemical Communications</i> , 1997, , 837-838.	2.2	7

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109	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). <i>Journal of Materials Chemistry</i> , 1998, 8, 1711-1717.	6.7	7
110	Synthesis, structures and physical properties of the cation radical salts based on tempo radical containing electron donors. <i>Molecular Crystals and Liquid Crystals</i> , 2002, 380, 269-275.	0.4	7
111	Antiferromagnetic organic superconductors, β -2 FeX ₄ (X=Br, Cl). <i>Molecular Crystals and Liquid Crystals</i> , 2002, 380, 139-144.	0.4	7
112	Fermi surface in magnetic-field-induced superconductor $\hat{\Gamma}^{\alpha}$ -(BETS)2FeBr ₄ . <i>Physica C: Superconductivity and Its Applications</i> , 2004, 412-414, 107-110.	0.6	7
113	Magnetic properties of field-induced superconductor, -. <i>Physica B: Condensed Matter</i> , 2005, 359-361, 457-459.	1.3	7
114	Metal-semiconductor structural phase transitions and antiferromagnetic orderings in (Benzo-TTFVO)2MX ₄ (M = Fe, Ga; X = Cl, Br) salts. <i>Journal of Materials Chemistry</i> , 2007, 17, 1664-1673.	6.7	7
115	BDT-TTP donors fused with aromatic rings and their cation radical salts. <i>Synthetic Metals</i> , 1997, 86, 1821-1822.	2.1	6
116	Structures and properties of MeDTDM salts. <i>Advanced Materials</i> , 1997, 9, 633-635.	11.1	6
117	Electronic properties of BETS superconductors with magnetic anions (BETS=bis(ethylenedithio)tetraselenafulvalene). <i>Synthetic Metals</i> , 2003, 133-134, 477-479.	2.1	6
118	Synthesis, structures and properties of new organic donors connecting to a TEMPO radical through a pyrrolidine ring. <i>Synthetic Metals</i> , 2003, 133-134, 359-360.	2.1	6
119	Synthesis, structure and physical properties of a new TTF derivative containing a PPD part. <i>Journal of Physics: Conference Series</i> , 2008, 132, 012025.	0.3	6
120	Synthesis, structure, and properties of coordination complexes based on zinc halides and TTF-pyridyl ligand. <i>Synthetic Metals</i> , 2015, 203, 255-260.	2.1	6
121	Interplay Between Conducting and Magnetic Systems in the Antiferromagnetic Organic Superconductor $\hat{\Gamma}^{\alpha}$ -(BETS)2FeBr ₄ . <i>Journal of Superconductivity and Novel Magnetism</i> , 2016, 29, 3075-3080.	0.8	6
122	A novel symmetric TTF-pyridyl thiolato zinc complex: synthesis, characterization and crystal structure analysis. <i>Dalton Transactions</i> , 2017, 46, 4912-4916.	1.6	6
123	Malachite Green Derivatives for Dye-Sensitized Solar Cells: Optoelectronic Characterizations and Persistence on TiO ₂ . <i>Bulletin of the Chemical Society of Japan</i> , 2018, 91, 52-64.	2.0	6
124	Photophysical properties of 4-(5-methylthiophen-2-yl)pyridinium-cyclic enolate betaine dyes tuned by control of twisted intramolecular transfer. <i>New Journal of Chemistry</i> , 2021, 45, 9770-9779.	1.4	6
125	Synthesis and properties of new tetrathiafulvalenes condensed with 1,3-dithiol-2-ylidenes. <i>Synthetic Metals</i> , 1993, 56, 1983-1988.	2.1	5
126	Synthesis and properties of bis-fused TTF donors. <i>Synthetic Metals</i> , 1995, 70, 1149-1150.	2.1	5

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127	Conductivity of Radical-Cation Salts of TTP Series Donors under High Pressure. <i>Molecular Crystals and Liquid Crystals</i> , 1996, 284, 259-270.	0.3	5
128	Magnetic Organic Superconductors Based on BETS Molecules--Interplay of Conductivity and Magnetism. <i>Molecular Crystals and Liquid Crystals</i> , 2002, 379, 9-18.	0.4	5
129	Interplay of magnetism and superconductivity in BETS conductors (BETS=) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 662 Td (bis(2.1	5
130	Molecular Conductors Based on peri-Ditellurium-Bridged Donors, 2,3-DMTTeA and TMTTeN. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 3435-3449.	1.0	5
131	BDT-TTP-Based π -Conductors Containing Divalent Magnetic and Non-Magnetic Inorganic Anions, $[\text{M}(\text{ClO}_4)_2]2\text{A}^{\text{m}}$ (M = Co, Mn, Zn). <i>Bulletin of the Chemical Society of Japan</i> , 2006, 79, 527-536.	2.0	5
132	Magnetic ion salts using selenium analogues of a new donor molecule, benzotetrathiafulvalenothioquinone-1,3-dithiolemethide. <i>Journal of Low Temperature Physics</i> , 2006, 142, 433-436.	0.6	5
133	Evidence for the π -d interaction comparing magneto-resistance in $(\text{EDT-DSDFVO})_2\text{X}$, X = FeCl_4 , GaCl_4 . <i>Journal of Low Temperature Physics</i> , 2006, 142, 469-472.	0.6	5
134	Field-induced anomaly in the magnetoresistance of $(\text{EDO-TTFVO})_2\text{FeCl}_4$ below 1.5 K. <i>Journal of Low Temperature Physics</i> , 2006, 142, 485-489.	0.6	5
135	Pressure effect on insulating state in ferrimagnetic π -d system $(\text{EDT-TTFVO})_2\text{FeBr}_4$. <i>Journal of Low Temperature Physics</i> , 2006, 142, 613-616.	0.6	5
136	Interconvertible bistability in magnetic organic conductors based on bent donor molecules, EDO-EDSe-TTFVS(O). <i>Journal of Materials Chemistry</i> , 2009, 19, 5837.	6.7	5
137	Synthesis and Electronic Properties of Directly Linked Dihydrodiazatetracene Dimers. <i>Chemistry - A European Journal</i> , 2021, 27, 4430-4438.	1.7	5
138	Synthesis and properties of tris-fused donor containing thiopyran ring. <i>Synthetic Metals</i> , 1999, 102, 1737-1738.	2.1	4
139	New Stable Metallic Salt Based on a Donor Molecule Containing peri-Ditellurium Bridges, TMTTeN(SCN) $_0.88$. <i>Chemistry Letters</i> , 1999, 28, 845-846.	0.7	4
140	Stable molecular metals based on bis(ethylenedithio)tetraselenafulvalene and halogen ions: $\hat{\pi}$ -(BETS) $_2\text{X}\cdot\text{C}_2\text{H}_4(\text{OH})_2$ (X = Br, Cl). <i>Synthetic Metals</i> , 2002, 128, 273-278.	2.1	4
141	Anomalous Magnetic-Field-Hysteresis of Quantum Oscillations in $\hat{\pi}$ -(BETS) $_2\text{FeBr}_4$. <i>Journal of Low Temperature Physics</i> , 2007, 142, 531-534.	0.6	4
142	Tetrathiafulvalene- π -Inserted Diphenoquinone: Synthesis, Structure, and Dynamic Redox Property. <i>Chemistry - A European Journal</i> , 2020, 26, 14144-14151.	1.7	4
143	Crystal structures and physical properties of DTET-TTF salts. <i>Synthetic Metals</i> , 1995, 70, 1151-1152.	2.1	3
144	Electrical Properties of DT-TTF Salts. <i>Molecular Crystals and Liquid Crystals</i> , 1996, 284, 329-336.	0.3	3

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145	Selenium analogues of DTEDT as promising donors for organic metals. <i>Synthetic Metals</i> , 1997, 86, 1813-1814.	2.1	3
146	New organic conductors based on tellurium-containing donor molecules. <i>Molecular Crystals and Liquid Crystals</i> , 2002, 380, 175-181.	0.4	3
147	Magnetic orderings of Fe ³⁺ d spins in the 1:1 salts of BEDT-TTFVS(O) with FeX ₄ ²⁻ (X=Br, Cl) ions. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, 1087-1089.	1.0	3
148	Negative magnetoresistance in an antiferromagnetic metal $\hat{\Gamma}^2\hat{a}^3$ -(EDO-TTFVODS) ₂ FeBr ₄ (DCE) _{0.5} . <i>Solid State Sciences</i> , 2008, 10, 1745-1748.	1.5	3
149	Deep Blue Asymmetrical Streptocyanine Dyes: Synthesis, Spectroscopic Characterizations, and Ion-Specific Cooperative Adsorption at the Surface of TiO ₂ Anatase Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2017, 121, 15049-15062.	1.5	3
150	Anisotropic Field Dependence of the Superconducting Transition in the Magnetic Molecular Superconductor $\hat{\Gamma}^2$ -(BETS) ₂ FeBr ₄ . <i>Journal of the Physical Society of Japan</i> , 2017, 86, 014706.	0.7	3
151	New Ethylenedithio-TTF Containing a 2,2,5,5-Tetramethylpyrrolin-1-yloxy Radical through a Vinylene Spacer and Its FeCl ₄ ²⁻ Salt Synthesis, Physical Properties and Crystal Structure Analyses. <i>Magnetochemistry</i> , 2017, 3, 8.	1.0	3
152	Extreme multi-point van der Waals interactions: isolable dimers of phthalocyanines substituted with pillar-like azaacenes. <i>Chemical Science</i> , 2019, 10, 8939-8945.	3.7	3
153	Synthesis, Photophysical and Electrochemical Properties of Bis-Squaraine Dyes Fused on Isomeric Benzodipyrrole Central Units. <i>Chemistry - an Asian Journal</i> , 2022, 17, .	1.7	3
154	Synthesis and properties of alkyl-substituted DTEDT derivatives. <i>Synthetic Metals</i> , 1997, 86, 1887-1888.	2.1	2
155	Three dimensional metals based on a tellurium-containing donors, TMTTeN and related conductors. <i>Synthetic Metals</i> , 1999, 103, 1865-1868.	2.1	2
156	Synthesis and properties of a new TSeF derivative containing a pyrazino-ring. <i>Synthetic Metals</i> , 2001, 120, 887-888.	2.1	2
157	Development and physical properties of magnetic organic superconductors based on BETS molecules [BETS=Bis(ethylenedithio)tetraselenafulvalene]. <i>Journal of Physics and Chemistry of Solids</i> , 2002, 63, 1235-1238.	1.9	2
158	BETS-Based Molecular Conductors with Tetrahedral Anions TiCl ₄ ²⁻ , MnBr ₄ ²⁻ , CoCl ₄ ²⁻ (BETS =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Chemistry/Koordinatsionnaya Khimiya, 2003, 29, 773-779.	0.3	2
159	Recent progress in development of single-component molecular metals. <i>European Physical Journal Special Topics</i> , 2004, 114, 419-424.	0.2	2
160	Strong evidence of field-induced superconductivity and Shubnikov-de Haas oscillation in $\hat{\Gamma}^2$ -(BETS) ₂ FeBr ₄ . <i>European Physical Journal Special Topics</i> , 2004, 114, 223-226.	0.2	2
161	An antiferromagnetic semiconductor based on ethylenedioxytetrathiafulvalenothioquinone-1,3-dithiolemethide, (EDO-TTFVS) $\hat{\Gamma}$ -FeBr ₄ . <i>Journal of Low Temperature Physics</i> , 2006, 142, 401-404.	0.6	2
162	Shubnikov-de Haas oscillations and field-induced anomaly in an organic conductor $\hat{\Gamma}^2$ -(EDO-TTFVO)FeCl. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 310, 1093-1095.	1.0	2

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163	An Antiferromagnetic Semiconductor Based on Ethylenedioxytetrathiafulvalenothioquinone-1,3-dithiolemethide, (EDO-TTFVS) \cdot FeBr ₄ . Journal of Low Temperature Physics, 2007, 142, 405-408.	0.6	2
164	Fe ₂ OCl ₆ ²⁺ Salt Formed by Electrochemical Oxidation of Ethylenedioxytetrathiafulvalenoquinone-1,3-dithiolemethide in the Presence of FeCl ₄ ⁻ Ion with a Silicon Wafer Electrode. Inorganic Chemistry, 2008, 47, 7074-7076.	1.9	2
165	Novel Sulfur-Selenium Exchange in Ethylenedioxy- and Ethylenedithio-dithiadiselenafulvalenedithiolates. Chemistry Letters, 2008, 37, 428-429.	0.7	2
166	Crystal structure and physical properties of a magnetic molecular conductor (EDO-TTFVODS) ₂ FeCl ₄ . Synthetic Metals, 2010, 160, 2413-2416.	2.1	2
167	Synthesis and Physical Properties of Tetrathiafulvalene-8-Quinolinato Zinc(II) and Nickel(II) Complexes. Inorganics, 2021, 9, 11.	1.2	2
168	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.	2.0	2
169	Structures and properties of alkyl substituted BDT-TTP salts. Synthetic Metals, 1997, 86, 2017-2018.	2.1	1
170	Nuclear spin-lattice relaxation in $\hat{\rho}$ -(BETS) ₂ FeBr ₄ . Synthetic Metals, 2005, 154, 253-256.	2.1	1
171	Isotropic magnetoresistance anomaly in the antiferromagnetic anisotropic conductor, $\hat{\rho}$ -(EDO-TTFVO) ₂ FeCl ₄ . Journal of Physics: Conference Series, 2006, 51, 367-370.	0.3	1
172	Evidence for the $\hat{\rho}$ -d Interaction Comparing Magnetoresistance in (EDT-DSDTFVO) ₂ X, X=FeCl ₄ , GaCl ₄ . Journal of Low Temperature Physics, 2007, 142, 473-476.	0.6	1
173	Low-temperature far-infrared absorption in the antiferromagnetic organic superconductor $\hat{\rho}$ -(BETS) ₂ FeBr ₄ . Physical Review B, 2010, 81, .	1.1	1
174	Structures and electrical properties of a new molecular conductor (BSM $\hat{\rho}$ -TTP) ₄ (PF ₆) ₃ (C ₆ H ₅ Cl) ₂ . Physica Status Solidi C: Current Topics in Solid State Physics, 2012, 9, 1149-1151.	0.8	1
175	Development of new magnetic organic conductors based on donor molecules with stable organic radical part. European Physical Journal Special Topics, 2004, 114, 533-535.	0.2	1
176	Development of Single-Component Molecular Metals and Magnetic Molecular Superconductors. , 2004, , 81-98.		1
177	A New Organic Superconductor: (DTEDT)[Au(CN) ₂] _{0.4} . , 1996, , 437-440.		1
178	Preparation and properties of novel hetero-halogen complexes. Tetrahedron, 2022, 119, 132854.	1.0	1
179	Synthesis, structure and properties of novel TTF dimers bridged by two trisulfide chains. Synthetic Metals, 1999, 102, 1739.	2.1	0
180	A Novel TTP Donor Containing a PROXYL Radical for Magnetic Molecular Conductors. ChemInform, 2003, 34, no.	0.1	0

#	ARTICLE	IF	CITATIONS
181	Novel π -Extended Donors Containing a 2,2,5,5-Tetramethylpyrrolin-1-yloxy Radical Designed for Magnetic Molecular Conductors.. ChemInform, 2004, 35, no.	0.1	0
182	Development of an Antiferromagnetic Organic Superconductor π -(BETS) $_2$ FeBr $_4$. ChemInform, 2005, 36, no.	0.1	0
183	High field magnetization of (Benzo-TTFVS) $_2$ FeBr $_4$ and (Benzo-TTFVO) $_2$ FeBr $_4$. Journal of Physics: Conference Series, 2006, 51, 331-334.	0.3	0
184	Anomalous magnetic-field-hysteresis of quantum oscillations in π -(BETS) $_2$ FeBr $_4$. Journal of Low Temperature Physics, 2006, 142, 527-530.	0.6	0
185	ESR study on correlated molecular salt with benzo group. Journal of Magnetism and Magnetic Materials, 2007, 310, 1096-1098.	1.0	0
186	Pressure Effect on Insulating State in Ferrimagnetic π -d System (EDT-TTFVO) $_2$ FeBr $_4$. Journal of Low Temperature Physics, 2007, 142, 617-621.	0.6	0
187	Magnetic Ion Salts Using Selenium Analogues of a New Donor Molecule, Benzotetrathiafulvalenothioquinone-1,3-dithiolemethide. Journal of Low Temperature Physics, 2007, 142, 437-440.	0.6	0
188	Field-Induced Anomaly in the Magnetoresistance of (EDO-TTFVO) $_2$ FeCl $_4$ below 1.5 K. Journal of Low Temperature Physics, 2007, 142, 489-493.	0.6	0
189	Front Cover: Synthesis, Photophysical and Electrochemical Properties of Bis-Squaraine Dyes Fused on Isomeric Benzodipyrrole Central Units (Chem. Asian J. 13/2022). Chemistry - an Asian Journal, 2022, 17, .	1.7	0