

# Hisashi Tanaka

## 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.

133  
papers

4,376  
citations

36  
h-index

63  
g-index

146  
ext. papers

4,667  
ext. citations

5.6  
avg, IF

4.82  
L-index

#	Paper	IF	Citations
133	Thermal Decomposition Behavior of Prussian Blue in Various Conditions. <i>Materials</i> , <b>2021</b> , 14,	3.5	3
132	Ammonium removal and recovery from sewage water using column-system packed highly selective ammonium adsorbent. <i>Environmental Pollution</i> , <b>2021</b> , 284, 117495	9.3	2
131	Cesium uptake ability of a nonwoven fabric supporting iron hexacyanoferrate nanoparticles from solutions of coexisting alkali metal ions. <i>Inorganica Chimica Acta</i> , <b>2020</b> , 503, 119401	2.7	1
130	H <sub>2</sub> O <sub>2</sub> -sensing abilities of mixed-metal (Fe-Ni) Prussian blue analogs in a wide pH range. <i>Inorganica Chimica Acta</i> , <b>2020</b> , 502, 119314	2.7	6
129	Single Open Sites on Fe Ions Stabilized by Coupled Metal Ions in CN-Deficient Prussian Blue Analogues for High Catalytic Activity in the Hydrolysis of Organophosphates. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 16000-16009	5.1	4
128	Decontamination of very dilute Cs in seawater by a coagulation-precipitation method using a nanoparticle slurry of copper hexacyanoferrate. <i>Environmental Science: Water Research and Technology</i> , <b>2019</b> , 5, 1328-1338	4.2	7
127	Development of new method to enrich human iPSC-derived renal progenitors using cell surface markers. <i>Scientific Reports</i> , <b>2018</b> , 8, 6375	4.9	18
126	Adsorption of high L-level arsenic by ZIF-8 nanoparticles: application to the monitoring of environmental water.. <i>RSC Advances</i> , <b>2018</b> , 8, 36360-36368	3.7	4
125	Effects of the variation of metal substitution and electrolyte on the electrochemical reaction of metal hexacyanoferrates.. <i>RSC Advances</i> , <b>2018</b> , 8, 37356-37364	3.7	10
124	Unveiling Cs-adsorption mechanism of Prussian blue analogs: Cs-percolation vacancies to complete dehydrated state.. <i>RSC Advances</i> , <b>2018</b> , 8, 34808-34816	3.7	38
123	Fine-Tunable Electronic Energy Levels of Mixed-Metal Prussian-Blue Alloy Nanoparticles. <i>ChemNanoMat</i> , <b>2017</b> , 3, 288-291	3.5	6
122	Analysis of Cs-adsorption behavior using a column filled with microcapsule beads of potassium copper hexacyanoferrate. <i>Journal of Nuclear Science and Technology</i> , <b>2017</b> , 54, 1157-1162	1	1
121	Cesium removal from drinking water using Prussian blue adsorption followed by anion exchange process. <i>Separation and Purification Technology</i> , <b>2017</b> , 172, 147-151	8.3	20
120	Battery-type column for caesium ions separation using electroactive film of copper hexacyanoferrate nanoparticles. <i>Separation and Purification Technology</i> , <b>2017</b> , 173, 44-48	8.3	9
119	Comparative study of the factors associated with the application of metal hexacyanoferrates for environmental Cs decontamination. <i>Chemical Engineering Journal</i> , <b>2016</b> , 283, 1322-1328	14.7	58
118	Application of Prussian blue nanoparticles for the radioactive Cs decontamination in Fukushima region. <i>Journal of Environmental Radioactivity</i> , <b>2016</b> , 151 Pt 1, 233-237	2.4	37
117	Assessment of the measures for the extraction or fixation of radiocesium in soil. <i>Geoderma</i> , <b>2016</b> , 267, 169-173	6.7	12

116	Improved adsorption properties of granulated copper hexacyanoferrate with multi-scale porous networks. <i>RSC Advances</i> , <b>2016</b> , 6, 16234-16238	3.7	27
115	Radioactive cesium removal from ash-washing solution with high pH and high K <sup>+</sup> -concentration using potassium zinc hexacyanoferrate. <i>Chemical Engineering Research and Design</i> , <b>2016</b> , 109, 513-518	5.5	19
114	Radioactive cesium decontamination technology for ash. <i>Synthesiology</i> , <b>2016</b> , 9, 139-154	0.1	2
113	Prospective Application of Copper Hexacyanoferrate for Capturing Dissolved Ammonia. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2016</b> , 55, 6708-6715	3.9	18
112	Historical Pigment Exhibiting Ammonia Gas Capture beyond Standard Adsorbents with Adsorption Sites of Two Kinds. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 6376-9	16.4	88
111	Water processable Prussian blue/polyaniline:polystyrene sulfonate nanocomposite (PB/PANI:PSS) for multi-color electrochromic applications. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 10293-10300	7.1	33
110	Decomposition of Iron Hexacyanoferrate Microcapsule Beads Using Superheated Steam. <i>Chemistry Letters</i> , <b>2016</b> , 45, 670-672	1.7	2
109	Cesium adsorption ability and stability of metal hexacyanoferrates irradiated with gamma rays. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2015</b> , 303, 1543-1547	1.5	12
108	Efficient synthesis of size-controlled open-framework nanoparticles fabricated with a micro-mixer: route to the improvement of Cs adsorption performance. <i>Green Chemistry</i> , <b>2015</b> , 17, 4228-4233	10	32
107	Numerical evaluation of Cs adsorption in PB column by extended Langmuir formula and one-dimensional adsorption model. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2015</b> , 303, 1287-1290	1.5	4
106	Column study on electrochemical separation of cesium ions from wastewater using copper hexacyanoferrate film. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>2015</b> , 303, 1491-1495	1.5	15
105	Accelerated coloration of electrochromic device with the counter electrode of nanoparticulate Prussian blue-type complexes. <i>Electrochimica Acta</i> , <b>2015</b> , 163, 288-295	6.7	33
104	Effective removal of hexacyanoferrate anions using quaternary amine type ion exchange resin. <i>Journal of Environmental Chemical Engineering</i> , <b>2015</b> , 3, 2448-2452	6.8	5
103	Prussian blue non-woven filter for cesium removal from drinking water. <i>Separation and Purification Technology</i> , <b>2015</b> , 153, 37-42	8.3	43
102	Variation in available cesium concentration with parameters during temperature induced extraction of cesium from soil. <i>Journal of Environmental Radioactivity</i> , <b>2015</b> , 140, 78-83	2.4	27
101	Simultaneous Enhancement of Cs-Adsorption and Magnetic Properties of Prussian Blue by Thermal Partial Oxidation. <i>Bulletin of the Chemical Society of Japan</i> , <b>2015</b> , 88, 69-73	5.1	10
100	Sequential Structural Control of Open-Framework Nanoparticles Both in Dispersion and in Film for Electrochemical Performance Tuning. <i>Bulletin of the Chemical Society of Japan</i> , <b>2015</b> , 88, 1561-1566	5.1	2
99	Epitaxial growth of insulating and superconducting monolayers of (BETS)2GaCl4 on Ag(111). <i>Physica Status Solidi (B): Basic Research</i> , <b>2015</b> , 252, 2574-2579	1.3	6

98	Prussian blue (PB) granules for cesium (Cs) removal from drinking water. <i>Separation and Purification Technology</i> , <b>2015</b> , 143, 146-151	8.3	65
97	Monitoring low-radioactivity caesium in Fukushima waters. <i>Environmental Sciences: Processes and Impacts</i> , <b>2014</b> , 16, 28-32	4.3	15
96	Adsorption removal of cesium from drinking waters: a mini review on use of biosorbents and other adsorbents. <i>Bioresource Technology</i> , <b>2014</b> , 160, 142-9	11	146
95	Proton-exchange mechanism of specific Cs <sup>+</sup> adsorption via lattice defect sites of Prussian blue filled with coordination and crystallization water molecules. <i>Dalton Transactions</i> , <b>2013</b> , 42, 16049-55	4.3	152
94	Selective removal of cesium ions from wastewater using copper hexacyanoferrate nanofilms in an electrochemical system. <i>Electrochimica Acta</i> , <b>2013</b> , 87, 119-125	6.7	102
93	Thermodynamics and mechanism studies on electrochemical removal of cesium ions from aqueous solution using a nanoparticle film of copper hexacyanoferrate. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2013</b> , 5, 12984-90	9.5	52
92	Growth of Pt Subnano Clusters on Limited Surface Areas of Prussian Blue Nanoparticles. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , <b>2013</b> , 23, 216-222	3.2	3
91	Dealing with the aftermath of Fukushima Daiichi nuclear accident: decontamination of radioactive cesium enriched ash. <i>Environmental Science &amp; Technology</i> , <b>2013</b> , 47, 3800-6	10.3	82
90	Improvement of redox reactions by miniaturizing nanoparticles of zinc Prussian blue analog. <i>Applied Physics Letters</i> , <b>2013</b> , 102, 141901	3.4	9
89	Efficient Cesium Adsorbent Using Prussian Blue Nanoparticles Immobilized on Cotton Matrices. <i>Chemistry Letters</i> , <b>2012</b> , 41, 1473-1474	1.7	40
88	Removal of Cesium from Aqueous Solutions by Copper Hexacyanoferrate Membrane Coated Electrodes in a Electrochemical Adsorption System. <i>Procedia Engineering</i> , <b>2012</b> , 44, 1728-1730		1
87	Preparation of electrochromic Prussian blue nanoparticles dispersible into various solvents for realisation of printed electronics. <i>Green Chemistry</i> , <b>2012</b> , 14, 1537	10	48
86	Preparation of a film of copper hexacyanoferrate nanoparticles for electrochemical removal of cesium from radioactive wastewater. <i>Electrochemistry Communications</i> , <b>2012</b> , 25, 23-25	5.1	46
85	Synthesis of Water-Dispersible Copper Hexacyanoferrate Nanoparticles and Electrochromism of the Thin Films. <i>Molecular Crystals and Liquid Crystals</i> , <b>2011</b> , 539, 18/[358]-22/[362]	0.5	8
84	New Development in the Preparation of Micro/Nano-Wires of Molecular (Magnetic) Conductors. <i>Materials</i> , <b>2010</b> , 3, 1640-1673	3.5	6
83	Single-component molecular conductor [Cu(tmdt)(2)] containing an antiferromagnetic Heisenberg chain. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 6740-7	5.1	36
82	Evidence of Charge Disproportionation in $\pi$ -Type BETS Based Organic Superconductors. <i>Journal of the Physical Society of Japan</i> , <b>2010</b> , 79, 074711	1.5	10
81	Molecular Inorganic Conductors and Superconductors <b>2010</b> , 211-280		7

80	Systematic Bathochromic Shift of Charge-transfer Bands of Mixed-metal Prussian-blue Nanoparticles Depending on Their Composition Ratios of Fe and Ni. <i>Chemistry Letters</i> , <b>2010</b> , 39, 762-763 <sup>1-7</sup>	1.7	15
79	Dispersion Control of Surface-charged Prussian Blue Nanoparticles into Greener Solvents. <i>Chemistry Letters</i> , <b>2010</b> , 39, 138-139	1.7	9
78	Electrochemical control of the elution property of Prussian blue nanoparticle thin films: mechanism and applications. <i>Physical Chemistry Chemical Physics</i> , <b>2009</b> , 11, 10500-5	3.6	10
77	Template-Free Growth of Micro/Nanocrystals of Magnetic Molecular Conductor by Electrocrystallization on Platinum Electrode. <i>Chemistry of Materials</i> , <b>2009</b> , 21, 5569-5571	9.6	5
76	High-pressure (up to 10.7 GPa) crystal structure of single-component molecular metal [Au(tmdt) <sub>2</sub> ]. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 7169-74	16.4	27
75	Preparation of Yellow Core/Blue Shell Coordination Polymer Nanoparticles Using Active Surface Coordination Sites on a Prussian-blue Analog. <i>Chemistry Letters</i> , <b>2009</b> , 38, 1058-1059	1.7	12
74	Conducting dimerized cobalt complexes with tetrathiafulvalene dithiolate ligands. <i>Inorganic Chemistry</i> , <b>2008</b> , 47, 863-74	5.1	15
73	Electrochromic Thin Film Fabricated Using a Water-Dispersible Ink of Prussian Blue Nanoparticles. <i>Japanese Journal of Applied Physics</i> , <b>2008</b> , 47, 1242-1244	1.4	35
72	Color-Switchable Glass and Display Devices Fabricated by Liquid Processes with Electrochromic Nanoparticle Ink. <i>Applied Physics Express</i> , <b>2008</b> , 1, 104002	2.4	42
71	Highly Isotropic Magnetoresistance in a Single-Component Molecular Metal [Ni(tmdt) <sub>2</sub> ]. <i>Journal of the Physical Society of Japan</i> , <b>2008</b> , 77, 034709	1.5	5
70	Electrochromic Thin Film of Water-Dispersible Prussian-Blue Nanoparticles. <i>IEICE Transactions on Electronics</i> , <b>2008</b> , E91-C, 1887-1888	0.4	7
69	Simple synthesis of three primary colour nanoparticle inks of Prussian blue and its analogues. <i>Nanotechnology</i> , <b>2007</b> , 18, 345609	3.4	139
68	Interaction in the Field Induced Superconductor $\kappa$ -(BETS) <sub>2</sub> FeCl <sub>4</sub> : Studied by <sup>77</sup> Se NMR. <i>Journal of Low Temperature Physics</i> , <b>2007</b> , 142, 185-190	1.3	
67	Observation of Antiferromagnetic Spin-Flop Transition in $\kappa$ -type BETS Salts Using AFM Microcantilever. <i>Journal of Low Temperature Physics</i> , <b>2007</b> , 142, 609-612	1.3	1
66	Electrochromic Thin Film of Prussian Blue Nanoparticles Fabricated using Wet Process. <i>Japanese Journal of Applied Physics</i> , <b>2007</b> , 46, L945-L947	1.4	47
65	Resistance Measurements of Microcrystals of Single-component Molecular Metals Using Finely Patterned Interdigitated Electrodes. <i>Chemistry Letters</i> , <b>2007</b> , 36, 1006-1007	1.7	17
64	<sup>77</sup> Se NMR Evidence for the Jaccarino-Peter Mechanism in the Field Induced Superconductor, $\kappa$ -(BETS) <sub>2</sub> FeCl <sub>4</sub> . <i>Journal of the Physical Society of Japan</i> , <b>2007</b> , 76, 124708	1.5	26
63	Fermi surface study of organic conductors using a magneto-optical measurement under high magnetic fields. <i>Journal of Physics: Conference Series</i> , <b>2006</b> , 51, 359-362	0.3	1

62	Vortex dynamics and the Fulde-Ferrell-Larkin-Ovchinnikov state in a magnetic-field-induced organic superconductor. <i>Physical Review Letters</i> , <b>2006</b> , 97, 157001	7.4	124
61	EMR Measurements of Field-Induced Superconductor $\beta$ (BETS) $_2$ Fe $_x$ Ga $_1-x$ Cl $_4$ . <i>Synthetic Metals</i> , <b>2005</b> , 153, 365-368	3.6	2
60	Single-component Molecular Conductor [Zn(tmdt) $_2$ ] and Related Zn Complexes. <i>Chemistry Letters</i> , <b>2005</b> , 34, 1090-1091	1.7	16
59	Observation of spin-flop transition in antiferromagnetic organic molecular conductors using AFM micro-cantilever. <i>Polyhedron</i> , <b>2005</b> , 24, 2793-2795	2.7	17
58	Ab Initio Electronic Structure Calculation for Single-Component Molecular Conductor Au(tmdt) $_2$ (tmdt = Trimethylenetetrafulvalenedithiolate). <i>Journal of the Physical Society of Japan</i> , <b>2005</b> , 74, 843-846	1.5	37
57	Magnetic-field-induced superconductivity and phase diagrams of $\beta$ (BETS) $_2$ FeCl $_4$ $\beta$ Br $_x$ . <i>Physical Review B</i> , <b>2005</b> , 72,	3.3	7
56	Superconductivity and vortex phases in the two-dimensional organic conductor $\beta$ (BETS) $_2$ Fe $_x$ Ga $_1-x$ Cl $_4$ ( $x=0.45$ ). <i>Physical Review B</i> , <b>2005</b> , 71,	3.3	4
55	Pressure-induced enhancement of the transition temperature of the magnetic-field-induced superconducting state in $\beta$ (BETS) $_2$ FeCl $_4$ . <i>Physical Review B</i> , <b>2004</b> , 70,	3.3	6
54	Observation of three-dimensional fermi surfaces in a single-component molecular metal, [Ni(tmdt) $_2$ ]. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 10518-9	16.4	74
53	Infrared electronic absorption in a single-component molecular metal. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 426-7	16.4	45
52	Development of Single-Component Molecular Metals and Magnetic Molecular Superconductors <b>2004</b> , 81-98		1
51	Large anisotropy in magnetic field induced superconductors $\beta$ (BETS) $_2$ Fe $_x$ Ga $_1-x$ Cl $_4$ . <i>Physica C: Superconductivity and Its Applications</i> , <b>2003</b> , 388-389, 611-612	1.3	2
50	Global Phase Diagram of the Magnetic Field-Induced Organic Superconductors $\beta$ (BETS) $_2$ Fe $_x$ Ga $_1-x$ Cl $_4$ . <i>Journal of the Physical Society of Japan</i> , <b>2003</b> , 72, 369-373	1.5	47
49	Electronic properties of BETS superconductors with magnetic anions (BETS=bis(ethylenedithio)tetraselenafulvalene). <i>Synthetic Metals</i> , <b>2003</b> , 133-134, 477-479	3.6	6
48	Novel electronic properties under magnetic fields in organic conductors $\beta$ (BETS) $_2$ Fe $_x$ Ga $_1-x$ Cl $_4$ . <i>Synthetic Metals</i> , <b>2003</b> , 133-134, 481-483	3.6	3
47	Novel features of the newly discovered field-induced superconducting phase of $\beta$ (BETS) $_2$ FeCl $_4$ . <i>Synthetic Metals</i> , <b>2003</b> , 133-134, 485-488	3.6	3
46	Molecular design and development of single-component molecular metal. <i>Synthetic Metals</i> , <b>2003</b> , 133-134, 393-395	3.6	
45	Development of single-component molecular metals based on extended-TTF dithiolate ligands. <i>Synthetic Metals</i> , <b>2003</b> , 135-136, 511-513	3.6	3



44	Structural and physical properties of single-component molecular conductors based on magnetic metal complexes. <i>Synthetic Metals</i> , <b>2003</b> , 135-136, 549-550	3.6	5
43	Interplay of magnetism and superconductivity in BETS conductors (BETS=bis(ethylenedithio)tetraselenafulvalene). <i>Synthetic Metals</i> , <b>2003</b> , 137, 1157-1162	3.6	4
42	Superconductivity in organic alloys $[(\text{BETS})_2\text{Fe}_x\text{Ga}_{1-x}\text{Cl}_4]$ . <i>Synthetic Metals</i> , <b>2003</b> , 137, 1183-1185	3.6	4
41	Millimeter-wave investigation of the antiferromagnetic phase in $[(\text{BETS})_2\text{FeCl}_4]$ in high magnetic fields. <i>Physical Review B</i> , <b>2003</b> , 68,	3.3	11
40	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> , <b>2002</b> , 63, 1235-1238	3.9	2
39	Fermi surface and internal magnetic field of the organic conductors $[(\text{BETS})_2\text{Fe}_x\text{Ga}_{1-x}\text{Cl}_4]$ . <i>Physical Review B</i> , <b>2002</b> , 65,	3.3	40
38	HIGH FIELD PHASE DIAGRAM OF THE FIELD-INDUCED SUPERCONDUCTING STATE OF $[(\text{BETS})_2\text{FeCl}_4]$ . <i>International Journal of Modern Physics B</i> , <b>2002</b> , 16, 3101-3104	1.1	
37	MAGNETIC PHASE DIAGRAM IN FIELD INDUCED SUPERCONDUCTORS $[(\text{BETS})_2\text{Fe}_x\text{Ga}_{1-x}\text{Cl}_4]$ . <i>International Journal of Modern Physics B</i> , <b>2002</b> , 16, 3084-3088	1.1	
36	Molecular Design and Development of Single-component Molecular Metals with Extended TTF Ligands. <i>Molecular Crystals and Liquid Crystals</i> , <b>2002</b> , 379, 19-28	0.5	2
35	Magnetic Organic Superconductors Based on BETS Molecules--Interplay of Conductivity and Magnetism. <i>Molecular Crystals and Liquid Crystals</i> , <b>2002</b> , 379, 9-18	0.5	5
34	A conducting crystal based on a single-component paramagnetic molecule, $[\text{Cu}(\text{dmdt})(2)]$ (dmdt = dimethyltetrathiafulvalenedithiolate). <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 10002-3	16.4	68
33	Dual-action molecular superconductors with magnetic anions. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 9982-3	16.4	40
32	Antiferromagnetic organic superconductors, $[\text{BETS}]_2\text{Fe}_x\text{Cl}_4$ (X=Br, Cl). <i>Molecular Crystals and Liquid Crystals</i> , <b>2002</b> , 380, 139-144	0.5	7
31	Syntheses and physical properties of metal complex conductors with extended ttf ligands. <i>Molecular Crystals and Liquid Crystals</i> , <b>2002</b> , 380, 197-202	0.5	2
30	Coexistence of antiferromagnetic order and superconductivity in organic conductors. <i>Polyhedron</i> , <b>2001</b> , 20, 1587-1592	2.7	7
29	Magnetic-field-induced superconductivity in a two-dimensional organic conductor. <i>Nature</i> , <b>2001</b> , 410, 908-10	50.4	568
28	Superconductivity in an organic insulator at very high magnetic fields. <i>Physical Review Letters</i> , <b>2001</b> , 87, 067002	7.4	173
27	In-plane anisotropy of the upper critical field of $[(\text{BETS})_2\text{GaCl}_4]$ . <i>Synthetic Metals</i> , <b>2001</b> , 120, 771-772	3.6	11

26	Antiferromagnetism and superconductivity of BETS conductors with Fe <sup>3+</sup> ions. <i>Synthetic Metals</i> , <b>2001</b> , 120, 663-666	3.6	10
25	A three-dimensional synthetic metallic crystal composed of single-component molecules. <i>Science</i> , <b>2001</b> , 291, 285-7	33.3	392
24	A new molecular superconductor, $\Gamma$ (BETS) <sub>2</sub> TlCl <sub>4</sub> [BETS = bis(ethylenedithio)tetraselenafulvalene]. <i>Journal of Materials Chemistry</i> , <b>2001</b> , 11, 2410-2411		12
23	Molecular design and development of single-component molecular metals. <i>Journal of Materials Chemistry</i> , <b>2001</b> , 11, 2078-2088		86
22	Sulfur K-edge X-ray absorption spectra for BETS and BEDT-TTF charge transfer salts: a novel probe for the determination of hole concentration. <i>Chemical Physics Letters</i> , <b>2000</b> , 330, 309-314	2.5	2
21	Magnetic properties of $\Gamma$ (BETS) <sub>2</sub> (FexGa <sub>1-x</sub> )Cl <sub>4</sub> exhibiting a superconductor-to-insulator transition (0.35). <i>Physical Review B</i> , <b>2000</b> , 61, 111-114	3.3	27
20	A new $\Gamma$ -type organic superconductor based on BETS molecules, $\Gamma$ (BETS) <sub>2</sub> GaBr <sub>4</sub> [BETS = bis(ethylenedithio)tetraselenafulvalene]. <i>Journal of Materials Chemistry</i> , <b>2000</b> , 10, 245-247		14
19	A novel superconductor with insulating magnetic ground state. <i>Coordination Chemistry Reviews</i> , <b>1999</b> , 190-192, 921-932	23.2	8
18	Anisotropy of the Upper Critical Field of the Organic Superconductor $\Gamma$ (BETS) <sub>2</sub> GaCl <sub>4</sub> . <i>Journal of Superconductivity and Novel Magnetism</i> , <b>1999</b> , 12, 511-514		32
17	Antiferromagnetic Organic Metal Exhibiting Superconducting Transition, $\Gamma$ (BETS) <sub>2</sub> FeBr <sub>4</sub> [BETS = Bis(ethylenedithio)tetraselenafulvalene]. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 5581-5582	16.4	145
16	Pressure-Induced Superconducting Transition of $\Gamma$ (BETS) <sub>2</sub> FeCl <sub>4</sub> with $\Gamma$ Coupled Antiferromagnetic Insulating Ground State at Ambient Pressure [BETS = Bis(ethylenedithio)tetraselenafulvalene]. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 11243-11244	16.4	36
15	On the low-temperature states of highly correlated BETS conductors. <i>Synthetic Metals</i> , <b>1999</b> , 102, 1654-1657	16.5	5
14	Superconductor-to-insulator transition of $\Gamma$ (BETS) <sub>2</sub> FexGa <sub>1-x</sub> Cl <sub>4</sub> . <i>Synthetic Metals</i> , <b>1999</b> , 103, 1837-1838	3.6	2
13	Chemical Control of Electrical Properties and Phase Diagram of a Series of $\Gamma$ -Type BETS Superconductors, $\Gamma$ (BETS) <sub>2</sub> GaBr <sub>x</sub> Cl <sub>4-x</sub> . <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 760-768	16.4	62
12	Origin of the High Electrical Conductivity of Neutral [Ni(ptdt) <sub>2</sub> ] (ptdt <sup>2-</sup> = propylenedithiotetrathiafulvalenedithiolate): A Route to Neutral Molecular Metal. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 10763-10771	16.4	71
11	Electrical and Magnetic Properties of BETS Conductor with Modified $\Gamma$ -type Structure, $\Gamma$ (BETS) <sub>2</sub> GaBr <sub>4</sub> . <i>Chemistry Letters</i> , <b>1999</b> , 28, 133-134	1.7	3
10	Preparation and characterization of metal complexes with an extended TTF dithiolato ligand, bis(propylenedithiotetrathiafulvalenedithiolato)-nickelate and -cuprate. <i>Journal of Materials Chemistry</i> , <b>1998</b> , 8, 301-307		62
9	Coupling of metal-insulator and antiferromagnetic transitions in the highly correlated organic conductor incorporating magnetic anions, $\Gamma$ (BETS) <sub>2</sub> FeBr <sub>x</sub> Cl <sub>4-x</sub> [BETS=Bis(ethylenedithio)tetraselenafulvalene]. <i>Physical Review B</i> , <b>1998</b> , 58, 9294-9302	3.3	49



8	Electric and magnetic properties and phase diagram of a series of organic superconductors $\text{BETS}_2\text{GaXzY}_4$ [BETS=bis(ethylenedithio)tetraselenafulvalene; X,Y=F, Cl, Br; 0. <i>Physical Review B</i> , <b>1997</b> , 56, R8526-R8529	3.3	54
7	Syntheses and Crystal Structures of ET and BETS Salts Containing Bis(dithiosquarato)metalate Anions. <i>Bulletin of the Chemical Society of Japan</i> , <b>1997</b> , 70, 3137-3152	5.1	4
6	Highly Correlated Organic Conductor with Magnetic Anions Exhibiting a $\pi$ Coupled Metal/Insulator Transition, $\text{[(BETS)}_2\text{FeBr}_x\text{Cl}_{4-x}$ (BETS = Bis(ethylenedithio)tetraselenafulvalene). <i>Journal of the American Chemical Society</i> , <b>1997</b> , 119, 12681-12682	16.4	49
5	Structural and electrical properties of a series of organic superconductors $\text{[(BETS)}_2\text{GaXzY}_4$ (X=Br, Cl, F; 0. <i>Synthetic Metals</i> , <b>1997</b> , 85, 1463-1464	3.6	
4	Structural and electrical properties of BETS compounds with transition metal complex anions. <i>Synthetic Metals</i> , <b>1997</b> , 85, 1595-1596	3.6	2
3	New BETS Superconductors and Metals with Tetrahedral Non-Magnetic and Magnetic Anions (BETS = Bis(ethylenedithio)tetraselenafulvalene). <i>Molecular Crystals and Liquid Crystals</i> , <b>1996</b> , 284, 61-72		13
2	$\pi$ -Type BETS salts containing a mixed halide gallium anion, $\text{GaX}_x\text{Y}_{4-x}$ [X, Y = F, Cl, Br; BETS = Bis(ethylenedithio)tetraselenafulvalene]. <i>Advanced Materials</i> , <b>1996</b> , 8, 812-815	24	21
1	A new organic superconductor, $\text{[(BETS)}_2\text{GaBrCl}_3$ [BETS = bis(ethylenedithio)tetraselenafulvalene]. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1995</b> , 1225-1226		10