

Hisashi Tanaka

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133
papers

4,376
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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	Magnetic-field-induced superconductivity in a two-dimensional organic conductor. <i>Nature</i> , 2001 , 410, 908-10	50.4	568
132	A three-dimensional synthetic metallic crystal composed of single-component molecules. <i>Science</i> , 2001 , 291, 285-7	33.3	392
131	Superconductivity in an organic insulator at very high magnetic fields. <i>Physical Review Letters</i> , 2001 , 87, 067002	7.4	173
130	Proton-exchange mechanism of specific Cs ⁺ adsorption via lattice defect sites of Prussian blue filled with coordination and crystallization water molecules. <i>Dalton Transactions</i> , 2013 , 42, 16049-55	4.3	152
129	Adsorption removal of cesium from drinking waters: a mini review on use of biosorbents and other adsorbents. <i>Bioresource Technology</i> , 2014 , 160, 142-9	11	146
128	Antiferromagnetic Organic Metal Exhibiting Superconducting Transition, $\text{[BETS]}_2\text{FeBr}_4$ [BETS = Bis(ethylenedithio)tetraselenafulvalene]. <i>Journal of the American Chemical Society</i> , 1999 , 121, 5581-5582	16.4	145
127	Simple synthesis of three primary colour nanoparticle inks of Prussian blue and its analogues. <i>Nanotechnology</i> , 2007 , 18, 345609	3.4	139
126	Vortex dynamics and the Fulde-Ferrell-Larkin-Ovchinnikov state in a magnetic-field-induced organic superconductor. <i>Physical Review Letters</i> , 2006 , 97, 157001	7.4	124
125	Selective removal of cesium ions from wastewater using copper hexacyanoferrate nanofilms in an electrochemical system. <i>Electrochimica Acta</i> , 2013 , 87, 119-125	6.7	102
124	Historical Pigment Exhibiting Ammonia Gas Capture beyond Standard Adsorbents with Adsorption Sites of Two Kinds. <i>Journal of the American Chemical Society</i> , 2016 , 138, 6376-9	16.4	88
123	Molecular design and development of single-component molecular metals. <i>Journal of Materials Chemistry</i> , 2001 , 11, 2078-2088		86
122	Dealing with the aftermath of Fukushima Daiichi nuclear accident: decontamination of radioactive cesium enriched ash. <i>Environmental Science & Technology</i> , 2013 , 47, 3800-6	10.3	82
121	Observation of three-dimensional fermi surfaces in a single-component molecular metal, $[\text{Ni}(\text{tmdt})_2]$. <i>Journal of the American Chemical Society</i> , 2004 , 126, 10518-9	16.4	74
120	Origin of the High Electrical Conductivity of Neutral $[\text{Ni}(\text{ptdt})_2]$ (ptdt ²⁻ = propylenedithiotetrathiafulvalenedithiolate): A Route to Neutral Molecular Metal. <i>Journal of the American Chemical Society</i> , 1999 , 121, 10763-10771	16.4	71
119	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> , 2002 , 124, 10002-3	16.4	68
118	Prussian blue (PB) granules for cesium (Cs) removal from drinking water. <i>Separation and Purification Technology</i> , 2015 , 143, 146-151	8.3	65
117	Preparation and characterization of metal complexes with an extended TTF dithiolato ligand, bis(propylenedithiotetrathiafulvalenedithiolato)-nickelate and -cuprate. <i>Journal of Materials Chemistry</i> , 1998 , 8, 301-307		62

116	Chemical Control of Electrical Properties and Phase Diagram of a Series of Γ -Type BETS Superconductors, $(\text{BETS})_2\text{GaBr}_x\text{Cl}_{4-x}$. <i>Journal of the American Chemical Society</i> , 1999 , 121, 760-768	16.4	62
115	Comparative study of the factors associated with the application of metal hexacyanoferrates for environmental Cs decontamination. <i>Chemical Engineering Journal</i> , 2016 , 283, 1322-1328	14.7	58
114	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> , 1997 , 56, R8526-R8529	3.3	54
113	Thermodynamics and mechanism studies on electrochemical removal of cesium ions from aqueous solution using a nanoparticle film of copper hexacyanoferrate. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 12984-90	9.5	52
112	Highly Correlated Organic Conductor with Magnetic Anions Exhibiting a Γ -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> , 1997 , 119, 12681-12682	16.4	49
111	Coupling of metal-insulator and antiferromagnetic transitions in the highly correlated organic conductor incorporating magnetic anions, $(\text{BETS})_2\text{FeBr}_x\text{Cl}_{4-x}$ [BETS=Bis(ethylenedithio)tetraselenafulvalene]. <i>Physical Review B</i> , 1998 , 58, 9294-9302	3.3	49
110	Preparation of electrochromic Prussian blue nanoparticles dispersible into various solvents for realisation of printed electronics. <i>Green Chemistry</i> , 2012 , 14, 1537	10	48
109	Electrochromic Thin Film of Prussian Blue Nanoparticles Fabricated using Wet Process. <i>Japanese Journal of Applied Physics</i> , 2007 , 46, L945-L947	1.4	47
108	Global Phase Diagram of the Magnetic Field-Induced Organic Superconductors $(\text{BETS})_2\text{FexGa}_{1-x}\text{Cl}_4$. <i>Journal of the Physical Society of Japan</i> , 2003 , 72, 369-373	1.5	47
107	Preparation of a film of copper hexacyanoferrate nanoparticles for electrochemical removal of cesium from radioactive wastewater. <i>Electrochemistry Communications</i> , 2012 , 25, 23-25	5.1	46
106	Infrared electronic absorption in a single-component molecular metal. <i>Journal of the American Chemical Society</i> , 2004 , 126, 426-7	16.4	45
105	Prussian blue non-woven filter for cesium removal from drinking water. <i>Separation and Purification Technology</i> , 2015 , 153, 37-42	8.3	43
104	Color-Switchable Glass and Display Devices Fabricated by Liquid Processes with Electrochromic Nanoparticle Ink. <i>Applied Physics Express</i> , 2008 , 1, 104002	2.4	42
103	Efficient Cesium Adsorbent Using Prussian Blue Nanoparticles Immobilized on Cotton Matrices. <i>Chemistry Letters</i> , 2012 , 41, 1473-1474	1.7	40
102	Fermi surface and internal magnetic field of the organic conductors $(\text{BETS})_2\text{FexGa}_{1-x}\text{Cl}_4$. <i>Physical Review B</i> , 2002 , 65,	3.3	40
101	Dual-action molecular superconductors with magnetic anions. <i>Journal of the American Chemical Society</i> , 2002 , 124, 9982-3	16.4	40
100	Unveiling Cs-adsorption mechanism of Prussian blue analogs: Cs-percolation vacancies to complete dehydrated state.. <i>RSC Advances</i> , 2018 , 8, 34808-34816	3.7	38
99	Application of Prussian blue nanoparticles for the radioactive Cs decontamination in Fukushima region. <i>Journal of Environmental Radioactivity</i> , 2016 , 151 Pt 1, 233-237	2.4	37

98	Ab Initio Electronic Structure Calculation for Single-Component Molecular Conductor Au(tmdt) ₂ (tmdt = Trimethylenetetrafulvalenedithiolate). <i>Journal of the Physical Society of Japan</i> , 2005 , 74, 843-846	1.5	37
97	Single-component molecular conductor [Cu(tmdt) ₂] containing an antiferromagnetic Heisenberg chain. <i>Inorganic Chemistry</i> , 2010 , 49, 6740-7	5.1	36
96	Pressure-Induced Superconducting Transition of $\text{[(BETS)}_2\text{FeCl}_4$ with π Coupled Antiferromagnetic Insulating Ground State at Ambient Pressure [BETS = Bis(ethylenedithio)tetraselenafulvalene]. <i>Journal of the American Chemical Society</i> , 1999 , 121, 11243-11244	16.4	36
95	Electrochromic Thin Film Fabricated Using a Water-Dispersible Ink of Prussian Blue Nanoparticles. <i>Japanese Journal of Applied Physics</i> , 2008 , 47, 1242-1244	1.4	35
94	Accelerated coloration of electrochromic device with the counter electrode of nanoparticulate Prussian blue-type complexes. <i>Electrochimica Acta</i> , 2015 , 163, 288-295	6.7	33
93	Water processable Prussian blue/polyaniline:polystyrene sulfonate nanocomposite (PB/PANI:PSS) for multi-color electrochromic applications. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 10293-10300	7.1	33
92	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> , 2015 , 17, 4228-4233	10	32
91	Anisotropy of the Upper Critical Field of the Organic Superconductor $\text{[(BETS)}_2\text{GaCl}_4$. <i>Journal of Superconductivity and Novel Magnetism</i> , 1999 , 12, 511-514		32
90	Variation in available cesium concentration with parameters during temperature induced extraction of cesium from soil. <i>Journal of Environmental Radioactivity</i> , 2015 , 140, 78-83	2.4	27
89	Improved adsorption properties of granulated copper hexacyanoferrate with multi-scale porous networks. <i>RSC Advances</i> , 2016 , 6, 16234-16238	3.7	27
88	High-pressure (up to 10.7 GPa) crystal structure of single-component molecular metal [Au(tmdt) ₂]. <i>Journal of the American Chemical Society</i> , 2009 , 131, 7169-74	16.4	27
87	Magnetic properties of $\text{[(BETS)}_2(\text{F}_x\text{Ga}_{1-x})\text{Cl}_4$ exhibiting a superconductor-to-insulator transition (0.35). <i>Physical Review B</i> , 2000 , 61, 111-114	3.3	27
86	⁷⁷ Se NMR Evidence for the Jaccarino-Peter Mechanism in the Field Induced Superconductor, $\text{[(BETS)}_2\text{2FeCl}_4$. <i>Journal of the Physical Society of Japan</i> , 2007 , 76, 124708	1.5	26
85	π -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> , 1996 , 8, 812-815	24	21
84	Cesium removal from drinking water using Prussian blue adsorption followed by anion exchange process. <i>Separation and Purification Technology</i> , 2017 , 172, 147-151	8.3	20
83	Radioactive cesium removal from ash-washing solution with high pH and high K ⁺ -concentration using potassium zinc hexacyanoferrate. <i>Chemical Engineering Research and Design</i> , 2016 , 109, 513-518	5.5	19
82	Development of new method to enrich human iPSC-derived renal progenitors using cell surface markers. <i>Scientific Reports</i> , 2018 , 8, 6375	4.9	18
81	Prospective Application of Copper Hexacyanoferrate for Capturing Dissolved Ammonia. <i>Industrial & Engineering Chemistry Research</i> , 2016 , 55, 6708-6715	3.9	18

80	Resistance Measurements of Microcrystals of Single-component Molecular Metals Using Finely Patterned Interdigitated Electrodes. <i>Chemistry Letters</i> , 2007 , 36, 1006-1007	1.7	17
79	Observation of spin-flop transition in antiferromagnetic organic molecular conductors using AFM micro-cantilever. <i>Polyhedron</i> , 2005 , 24, 2793-2795	2.7	17
78	Single-component Molecular Conductor [Zn(tmdt) ₂] and Related Zn Complexes. <i>Chemistry Letters</i> , 2005 , 34, 1090-1091	1.7	16
77	Column study on electrochemical separation of cesium ions from wastewater using copper hexacyanoferrate film. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015 , 303, 1491-1495	1.5	15
76	Monitoring low-radioactivity caesium in Fukushima waters. <i>Environmental Sciences: Processes and Impacts</i> , 2014 , 16, 28-32	4.3	15
75	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> , 2010 , 39, 762-763 ^{1.7}	1.7	15
74	Conducting dimerized cobalt complexes with tetrathiafulvalene dithiolate ligands. <i>Inorganic Chemistry</i> , 2008 , 47, 863-74	5.1	15
73	A new Γ -type organic superconductor based on BETS molecules, Γ -(BETS) ₂ GaBr ₄ [BETS = bis(ethylenedithio)tetraselenafulvalene]. <i>Journal of Materials Chemistry</i> , 2000 , 10, 245-247		14
72	New BETS Superconductors and Metals with Tetrahedral Non-Magnetic and Magnetic Anions (BETS = Bis(ethylenedithio)tetraselenafulvalene). <i>Molecular Crystals and Liquid Crystals</i> , 1996 , 284, 61-72		13
71	Cesium adsorption ability and stability of metal hexacyanoferrates irradiated with gamma rays. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015 , 303, 1543-1547	1.5	12
70	Assessment of the measures for the extraction or fixation of radiocesium in soil. <i>Geoderma</i> , 2016 , 267, 169-173	6.7	12
69	Preparation of Yellow Core/Blue Shell Coordination Polymer Nanoparticles Using Active Surface Coordination Sites on a Prussian-blue Analog. <i>Chemistry Letters</i> , 2009 , 38, 1058-1059	1.7	12
68	A new molecular superconductor, Γ -(BETS) ₂ TlCl ₄ [BETS = bis(ethylenedithio)tetraselenafulvalene]. <i>Journal of Materials Chemistry</i> , 2001 , 11, 2410-2411		12
67	Millimeter-wave investigation of the antiferromagnetic phase in Γ -(BETS) ₂ FeCl ₄ in high magnetic fields. <i>Physical Review B</i> , 2003 , 68,	3.3	11
66	In-plane anisotropy of the upper critical field of Γ -(BETS) ₂ GaCl ₄ . <i>Synthetic Metals</i> , 2001 , 120, 771-772	3.6	11
65	Simultaneous Enhancement of Cs-Adsorption and Magnetic Properties of Prussian Blue by Thermal Partial Oxidation. <i>Bulletin of the Chemical Society of Japan</i> , 2015 , 88, 69-73	5.1	10
64	Electrochemical control of the elution property of Prussian blue nanoparticle thin films: mechanism and applications. <i>Physical Chemistry Chemical Physics</i> , 2009 , 11, 10500-5	3.6	10
63	Evidence of Charge Disproportionation in Γ -Type BETS Based Organic Superconductors. <i>Journal of the Physical Society of Japan</i> , 2010 , 79, 074711	1.5	10

62	Antiferromagnetism and superconductivity of BETS conductors with Fe ³⁺ ions. <i>Synthetic Metals</i> , 2001 , 120, 663-666	3.6	10
61	A new organic superconductor, $(\text{BETS})_2\text{GaBrCl}_3$ [BETS = bis(ethylenedithio)tetraselenafulvalene]. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 1225-1226		10
60	Effects of the variation of metal substitution and electrolyte on the electrochemical reaction of metal hexacyanoferrates.. <i>RSC Advances</i> , 2018 , 8, 37356-37364	3.7	10
59	Battery-type column for caesium ions separation using electroactive film of copper hexacyanoferrate nanoparticles. <i>Separation and Purification Technology</i> , 2017 , 173, 44-48	8.3	9
58	Improvement of redox reactions by miniaturizing nanoparticles of zinc Prussian blue analog. <i>Applied Physics Letters</i> , 2013 , 102, 141901	3.4	9
57	Dispersion Control of Surface-charged Prussian Blue Nanoparticles into Greener Solvents. <i>Chemistry Letters</i> , 2010 , 39, 138-139	1.7	9
56	Synthesis of Water-Dispersible Copper Hexacyanoferrate Nanoparticles and Electrochromism of the Thin Films. <i>Molecular Crystals and Liquid Crystals</i> , 2011 , 539, 18/[358]-22/[362]	0.5	8
55	A novel superconductor with insulating magnetic ground state. <i>Coordination Chemistry Reviews</i> , 1999 , 190-192, 921-932	23.2	8
54	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> , 2019 , 5, 1328-1338	4.2	7
53	Molecular Inorganic Conductors and Superconductors 2010 , 211-280		7
52	Magnetic-field-induced superconductivity and phase diagrams of $(\text{BETS})_2\text{FeCl}_4\text{Br}_x$. <i>Physical Review B</i> , 2005 , 72,	3.3	7
51	Coexistence of antiferromagnetic order and superconductivity in organic conductors. <i>Polyhedron</i> , 2001 , 20, 1587-1592	2.7	7
50	Antiferromagnetic organic superconductors, $\text{BETS}_2\text{FeX}_4$ (X=Br, Cl). <i>Molecular Crystals and Liquid Crystals</i> , 2002 , 380, 139-144	0.5	7
49	Electrochromic Thin Film of Water-Dispersible Prussian-Blue Nanoparticles. <i>IEICE Transactions on Electronics</i> , 2008 , E91-C, 1887-1888	0.4	7
48	Fine-Tunable Electronic Energy Levels of Mixed-Metal Prussian-Blue Alloy Nanoparticles. <i>ChemNanoMat</i> , 2017 , 3, 288-291	3.5	6
47	Epitaxial growth of insulating and superconducting monolayers of $(\text{BETS})_2\text{GaCl}_4$ on Ag(111). <i>Physica Status Solidi (B): Basic Research</i> , 2015 , 252, 2574-2579	1.3	6
46	New Development in the Preparation of Micro/Nano-Wires of Molecular (Magnetic) Conductors. <i>Materials</i> , 2010 , 3, 1640-1673	3.5	6
45	Pressure-induced enhancement of the transition temperature of the magnetic-field-induced superconducting state in $(\text{BETS})_2\text{FeCl}_4$. <i>Physical Review B</i> , 2004 , 70,	3.3	6

44	Electronic properties of BETS superconductors with magnetic anions (BETS=bis(ethylenedithio)tetraselenafulvalene). <i>Synthetic Metals</i> , 2003 , 133-134, 477-479	3.6	6
43	H ₂ O ₂ -sensing abilities of mixed-metal (Fe-Ni) Prussian blue analogs in a wide pH range. <i>Inorganica Chimica Acta</i> , 2020 , 502, 119314	2.7	6
42	Effective removal of hexacyanoferrate anions using quaternary amine type ion exchange resin. <i>Journal of Environmental Chemical Engineering</i> , 2015 , 3, 2448-2452	6.8	5
41	Template-Free Growth of Micro/Nanocrystals of Magnetic Molecular Conductor by Electrocrystallization on Platinum Electrode. <i>Chemistry of Materials</i> , 2009 , 21, 5569-5571	9.6	5
40	Highly Isotropic Magnetoresistance in a Single-Component Molecular Metal [Ni(tm ₂ dt) ₂]. <i>Journal of the Physical Society of Japan</i> , 2008 , 77, 034709	1.5	5
39	Structural and physical properties of single-component molecular conductors based on magnetic metal complexes. <i>Synthetic Metals</i> , 2003 , 135-136, 549-550	3.6	5
38	Magnetic Organic Superconductors Based on BETS Molecules--Interplay of Conductivity and Magnetism. <i>Molecular Crystals and Liquid Crystals</i> , 2002 , 379, 9-18	0.5	5
37	On the low-temperature states of highly correlated BETS conductors. <i>Synthetic Metals</i> , 1999 , 102, 1654-1657	3.6	5
36	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> , 2015 , 303, 1287-1290	1.5	4
35	Syntheses and Crystal Structures of ET and BETS Salts Containing Bis(dithiosquarato)metalate Anions. <i>Bulletin of the Chemical Society of Japan</i> , 1997 , 70, 3137-3152	5.1	4
34	Interplay of magnetism and superconductivity in BETS conductors (BETS=bis(ethylenedithio)tetraselenafulvalene). <i>Synthetic Metals</i> , 2003 , 137, 1157-1162	3.6	4
33	Superconductivity in organic alloys $\text{[(BETS)}_2\text{FexGa}_{1-x}\text{Cl}_4$. <i>Synthetic Metals</i> , 2003 , 137, 1183-1185	3.6	4
32	Superconductivity and vortex phases in the two-dimensional organic conductor $\text{[(BETS)}_2\text{FexGa}_{1-x}\text{Cl}_4$ (x=0.45). <i>Physical Review B</i> , 2005 , 71,	3.3	4
31	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> , 2020 , 59, 16000-16009	5.1	4
30	Adsorption of high L-level arsenic by ZIF-8 nanoparticles: application to the monitoring of environmental water.. <i>RSC Advances</i> , 2018 , 8, 36360-36368	3.7	4
29	Growth of Pt Subnano Clusters on Limited Surface Areas of Prussian Blue Nanoparticles. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2013 , 23, 216-222	3.2	3
28	Novel electronic properties under magnetic fields in organic conductors $\text{[(BETS)}_2\text{FexGa}_{1-x}\text{Cl}_4$. <i>Synthetic Metals</i> , 2003 , 133-134, 481-483	3.6	3
27	Novel features of the newly discovered field-induced superconducting phase of $\text{[(BETS)}_2\text{FeCl}_4$. <i>Synthetic Metals</i> , 2003 , 133-134, 485-488	3.6	3

26	Development of single-component molecular metals based on extended-TTF dithiolate ligands. <i>Synthetic Metals</i> , 2003 , 135-136, 511-513	3.6	3
25	Electrical and Magnetic Properties of BETS Conductor with Modified Γ -type Structure, Γ -(BETS) $_2$ GaBr $_4$. <i>Chemistry Letters</i> , 1999 , 28, 133-134	1.7	3
24	Thermal Decomposition Behavior of Prussian Blue in Various Conditions. <i>Materials</i> , 2021 , 14,	3.5	3
23	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> , 2015 , 88, 1561-1566	5.1	2
22	Structural and electrical properties of BETS compounds with transition metal complex anions. <i>Synthetic Metals</i> , 1997 , 85, 1595-1596	3.6	2
21	EMR Measurements of Field-Induced Superconductor Γ -(BETS) $_2$ FexGa $_1\Gamma$ Cl $_4$. <i>Synthetic Metals</i> , 2005 , 153, 365-368	3.6	2
20	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	3.9	2
19	Large anisotropy in magnetic field induced superconductors Γ -(BETS) $_2$ FexGa $_1\Gamma$ Cl $_4$. <i>Physica C: Superconductivity and Its Applications</i> , 2003 , 388-389, 611-612	1.3	2
18	Molecular Design and Development of Single-component Molecular Metals with Extended TTF Ligands. <i>Molecular Crystals and Liquid Crystals</i> , 2002 , 379, 19-28	0.5	2
17	Syntheses and physical properties of metal complex conductors with extended ttf ligands. <i>Molecular Crystals and Liquid Crystals</i> , 2002 , 380, 197-202	0.5	2
16	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> , 2000 , 330, 309-314	2.5	2
15	Superconductor-to-insulator transition of Γ -(BETS) $_2$ FexGa $_1\Gamma$ Cl $_4$. <i>Synthetic Metals</i> , 1999 , 103, 1837-1838	3.6	2
14	Radioactive cesium decontamination technology for ash. <i>Synthesiology</i> , 2016 , 9, 139-154	0.1	2
13	Decomposition of Iron Hexacyanoferrate Microcapsule Beads Using Superheated Steam. <i>Chemistry Letters</i> , 2016 , 45, 670-672	1.7	2
12	Ammonium removal and recovery from sewage water using column-system packed highly selective ammonium adsorbent. <i>Environmental Pollution</i> , 2021 , 284, 117495	9.3	2
11	Analysis of Cs-adsorption behavior using a column filled with microcapsule beads of potassium copper hexacyanoferrate. <i>Journal of Nuclear Science and Technology</i> , 2017 , 54, 1157-1162	1	1
10	Removal of Cesium from Aqueous Solutions by Copper Hexacyanoferrate Membrane Coated Electrodes in a Electrochemical Adsorption System. <i>Procedia Engineering</i> , 2012 , 44, 1728-1730		1
9	Observation of Antiferromagnetic Spin-Flop Transition in Γ -type BETS Salts Using AFM Microcantilever. <i>Journal of Low Temperature Physics</i> , 2007 , 142, 609-612	1.3	1

8	Fermi surface study of organic conductors using a magneto-optical measurement under high magnetic fields. <i>Journal of Physics: Conference Series</i> , 2006 , 51, 359-362	0.3	1
7	Development of Single-Component Molecular Metals and Magnetic Molecular Superconductors 2004 , 81-98		1
6	Cesium uptake ability of a nonwoven fabric supporting iron hexacyanoferrate nanoparticles from solutions of coexisting alkali metal ions. <i>Inorganica Chimica Acta</i> , 2020 , 503, 119401	2.7	1
5	Structural and electrical properties of a series of organic superconductors $\text{[(BETS)}_2\text{GaXzY}_4\text{]}^{\pm}$ (X=Br, Cl, F; 0. <i>Synthetic Metals</i> , 1997 , 85, 1463-1464	3.6	
4	Interaction in the Field Induced Superconductor $\text{[(BETS)}_2\text{FeCl}_4$: Studied by ^{77}Se NMR. <i>Journal of Low Temperature Physics</i> , 2007 , 142, 185-190	1.3	
3	Molecular design and development of single-component molecular metal. <i>Synthetic Metals</i> , 2003 , 133-134, 393-395	3.6	
2	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> , 2002 , 16, 3101-3104	1.1	
1	MAGNETIC PHASE DIAGRAM IN FIELD INDUCED SUPERCONDUCTORS $\text{[(BETS)}_2\text{FexGa}_{1-x}\text{Cl}_4$. <i>International Journal of Modern Physics B</i> , 2002 , 16, 3084-3088	1.1	