Shin-ichi Ohkoshi

List of Publications by Year
in descending order

443 papers	19,202 citations	10650 74 h-index	20625 120 g-index
488 all docs	488 docs citations	488 times ranked	10901 citing authors

#	Article	IF	Citations
1	Investigation of the vibrational density of states of sodium carboxymethyl starch glass via terahertz time-domain spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 266, 120414.	2.0	5
2	Detection of Subâ€Terahertz Raman Response and Nonlinear Optical Effects for Luminescent Yb(III) Complexes. Advanced Optical Materials, 2022, 10, 2101721.	3.6	17
3	Prediction of a Tensile Forceâ€Induced Structural Phase Transition from Î²â€Ti₃O₅ to Î»â€Ti₃O₅ by Molecular Dynamic Simulations. European Journal of Inorganic Chemistry, 2022, 2022, e202101037.	1.0	3
4	Experimental and theoretical insights into the photomagnetic effects in trinuclear and ionic Cu(<scp>ii</scp>)â€“Mo(<scp>iv</scp>) systems. Inorganic Chemistry Frontiers, 2022, 9, 771-783.	3.0	10
5	Resonance Frequency Tuning of a 200â€‰GHz Band Absorber by an External Magnetic Field. Advanced Photonics Research, 2022, 3, .	1.7	3
6	Optical Properties of Epsilon Iron Oxide Nanoparticles in the Millimeter- and Terahertz-Wave Regions. Bulletin of the Chemical Society of Japan, 2022, 95, 538-552.	2.0	24
7	Ratiometric and Colorimetric Optical Thermometers Using Emissive Dimeric and Trimeric {[Au(SCN)₂]^{â^'}}_n Moieties Generated in dâ€“f Heterometallic Assemblies. Angewandte Chemie, 2022, 134, .	1.6	5
8	Ratiometric and Colorimetric Optical Thermometers Using Emissive Dimeric and Trimeric {[Au(SCN)₂]^{â^'}}_n Moieties Generated in dâ€“f Heterometallic Assemblies. Angewandte Chemie - International Edition, 2022, 61, e202201265.	7.2	7
9	Modifications of EHPDB Physical Properties through Doping with Fe2O3 Nanoparticles (Part II). International Journal of Molecular Sciences, 2022, 23, 50.	1.8	0
10	Pressure effect on long-term heat storage ceramics based on Mg-substituted Î»-Ti₃O₅. Materials Advances, 2022, 3, 4824-4830.	2.6	5
11	Resonance Frequency Tuning of a 200â€‰GHz Band Absorber by an External Magnetic Field. Advanced Photonics Research, 2022, 3, .	1.7	2
12	Development of Nd (III)-Based Terahertz Absorbers Revealing Temperature Dependent Near-Infrared Luminescence. International Journal of Molecular Sciences, 2022, 23, 6051.	1.8	5
13	Integration of Trinuclear Triangle Copper(II) Secondary Building Units in Octacyanidometallates(IV)-Based Frameworks. Inorganic Chemistry, 2022, 61, 8930-8939.	1.9	3
14	Nanocomposites Based on Antiferroelectric Liquid Crystal (S)-MHPOBC Doping with Au Nanoparticles. Molecules, 2022, 27, 3663.	1.7	4
15	A magnetic field-switchable millimeter wave switch for 81, 94, and 140 GHz based on metal substituted Îµ-iron oxide. Journal of Materials Chemistry C, 2022, 10, 10815-10822.	2.7	2
16	Holmium(<scp>iii</scp>) molecular nanomagnets for optical thermometry exploring the luminescence re-absorption effect. Chemical Science, 2021, 12, 730-741.	3.7	46
17	Roomâ€Temperature Bistability in a Niâ€“Fe Chain: Electron Transfer Controlled by Temperature, Pressure, Light, and Humidity. Angewandte Chemie - International Edition, 2021, 60, 2330-2338.	7.2	30
18	Roomâ€Temperature Bistability in a Niâ€“Fe Chain: Electron Transfer Controlled by Temperature, Pressure, Light, and Humidity. Angewandte Chemie, 2021, 133, 2360-2368.	1.6	2

#	Article	IF	Citations
19	SHG-active NIR-emissive molecular nanomagnets generated in layered neodymium(<scp>iii</scp>)â€“octacyanidometallate(<scp>iv</scp>) frameworks. Journal of Materials Chemistry C, 2021, 9, 10705-10717.	2.7	15
20	Switching on thermal and light-induced spin crossover by desolvation of [Fe(3-bpp)₂](XO₄)₂·solvent (X = Cl, Re) compounds. Inorganic Chemistry Frontiers, 2021, 8, 3210-3221.	3.0	12
21	Advances in magnetic films of epsilon-iron oxide toward next-generation high-density recording media. Dalton Transactions, 2021, 50, 452-459.	1.6	13
22	RÃ¼cktitelbild: Roomâ€Temperature Bistability in a Niâ€“Fe Chain: Electron Transfer Controlled by Temperature, Pressure, Light, and Humidity (Angew. Chem. 5/2021). Angewandte Chemie, 2021, 133, 2740-2740.	1.6	1
23	Out-of-equilibrium lattice response to photo-induced charge-transfer in a MnFe Prussian blue analogue. Journal of Materials Chemistry C, 2021, 9, 6773-6780.	2.7	9
24	Strain wave pathway to semiconductor-to-metal transition revealed by time-resolved X-ray powder diffraction. Nature Communications, 2021, 12, 1239.	5.8	29
25	Highly Efficient Broadband Millimeterâ€Waveâ€“Absorbing Ultrathin Films. Advanced Engineering Materials, 2021, 23, 2001473.	1.6	13
26	Photoswitchable high-dimensional CoIIâ€“[WV(CN)8] networks: Past, present, and future. Journal of Applied Physics, 2021, 129, .	1.1	8
27	Solvent- and Temperature-Driven Photoluminescence Modulation in Porous Hofmann-Type Sr^{II}â€“Re^VMetalâ€“Organic Frameworks. Inorganic Chemistry, 2021, 60, 4093-4107.	1.9	10
28	Spin crossover phenomenon in a three-dimensional cyanido-bridged FeIIâ€“MoIV assembly. Journal of Applied Physics, 2021, 129, 105501.	1.1	7
29	Highly Efficient Broadband Millimeterâ€Waveâ€“Absorbing Ultrathin Films. Advanced Engineering Materials, 2021, 23, 2170013.	1.6	0
30	Near-Infrared Emissive Cyanido-Bridged {YbFe2} Molecular Nanomagnets Sensitive to the Nitrile Solvents of Crystallization. Magnetochemistry, 2021, 7, 79.	1.0	7
31	Magnetic Properties and Second Harmonic Generation of Noncentrosymmetric Cyanido-Bridged Ln(III)â€“W(V) Assemblies. Inorganic Chemistry, 2021, 60, 12009-12019.	1.9	9
32	Innentitelbild: Exploring Ultrafast Photoswitching Pathways in RbMnFe Prussian Blue Analogue (Angew. Chem. 43/2021). Angewandte Chemie, 2021, 133, 23214-23214.	1.6	0
33	Exploring Ultrafast Photoswitching Pathways in RbMnFe Prussian Blue Analogue. Angewandte Chemie, 2021, 133, 23455.	1.6	1
34	Modifications of FLC Physical Properties through Doping with Fe2O3 Nanoparticles (Part I). Materials, 2021, 14, 4722.	1.3	5
35	Exploring Ultrafast Photoswitching Pathways in RbMnFe Prussian Blue Analogue. Angewandte Chemie - International Edition, 2021, 60, 23267-23273.	7.2	11
36	Reversible photoswitchable ferromagnetic thin film based on a cyanido-bridged RbCuMo complex. Journal of Materials Chemistry C, 2021, 9, 3081-3087.	2.7	14

#	Article	IF	Citations
37	Photoswitchable Nonlinear-Optical Crystal Based on a Dysprosiumâ€“Iron Nitrosyl Metal Assembly. Inorganic Chemistry, 2021, 60, 2097-2104.	1.9	6
38	Second harmonic generation on chiral cyanido-bridged Fe^{II}â€“Nb^{IV}spin-crossover complexes. Dalton Transactions, 2021, 50, 8524-8532.	1.6	12
39	Efficient Brownian oscillators and nanoheaters based on gallium-doped Îµ-Fe2O3. Chemical Communications, 2021, 57, 2285-2288.	2.2	2
40	Contemporary Discoveries in the Copper Octacyanidometallate Photomagnetic Assemblies. Springer Series in Chemical Physics, 2021, , 149-168.	0.2	2
41	Observation of the correlation between the phonon frequency and long-range magnetic ordering on a MnW octacyanide molecule-based magnet. Journal of Materials Chemistry C, 2021, 9, 10689-10696.	2.7	2
42	Tunable magnetic anisotropy in luminescent cyanido-bridged {Dy₂Pt₃} molecules incorporating heteroligand Pt^{IV}linkers. Dalton Transactions, 2021, 50, 16242-16253.	1.6	5
43	Combined Experimental and Ab Initio Methods for Rationalization of Magneto-Luminescent Properties of Yb^{III} Nanomagnets Embedded in Cyanido/Thiocyanidometallate-Based Crystals. Journal of Physical Chemistry Letters, 2021, 12, 10558-10566.	2.1	11
44	Broadband-Millimeter-Wave Absorber Based on Îµ-(TiIVCoII)xFeIII2â^'2xO3 for Advanced Driver Assistance Systems. Bulletin of the Chemical Society of Japan, 2020, 93, 20-25.	2.0	6
45	Magneticâ€Pole Flip by Millimeter Wave. Advanced Materials, 2020, 32, e2004897.	11.1	48
46	Landau theory for non-symmetry-breaking electronic instability coupled to symmetry-breaking order parameter applied to Prussian blue analog. Physical Review B, 2020, 102, .	1.1	26
47	Crystal growth control of rod-shaped Îµ-Fe2O3 nanocrystals. RSC Advances, 2020, 10, 39611-39616.	1.7	5
48	Magnetic Recording: Magneticâ€Pole Flip by Millimeter Wave (Adv. Mater. 48/2020). Advanced Materials, 2020, 32, 2070361.	11.1	0
49	Indium Doping of Lead-Free Perovskite Cs2SnI6. Frontiers in Chemistry, 2020, 8, 564.	1.8	12
50	Synthesis of Î»-Ti3O5 nanocrystals using a block copolymer. Materials Today Energy, 2020, 18, 100525.	2.5	4
51	Sigmoidally hydrochromic molecular porous crystal with rotatable dendrons. Communications Chemistry, 2020, 3, .	2.0	14
52	Magnetic hyperthermia with Îµ-Fe₂O₃ nanoparticles. RSC Advances, 2020, 10, 28786-28797.	1.7	36
53	Extremely low-frequency phonon material and its temperature- and photo-induced switching effects. Chemical Science, 2020, 11, 8989-8998.	3.7	23
54	Functional phase bistability in a nanocrystalline RbMn[Fe(CN)6] thin film fabricated by matrix-assisted laser evaporation. Scripta Materialia, 2020, 183, 50-54.	2.6	2

#	Article	IF	Citations
55	Synthesis of nanosize tetratitanium heptoxide and its anomalous phase transition. Materials Research Letters, 2020, 8, 261-267.	4.1	5
56	Octacyanidorhenate(V) Ion as an Efficient Linker for Hysteretic Twoâ€Step Iron(II) Spin Crossover Switchable by Temperature, Light, and Pressure. Angewandte Chemie - International Edition, 2020, 59, 15741-15749.	7.2	71
57	Tuning the Optical Properties of Magnetic Materials. European Journal of Inorganic Chemistry, 2020, 2020, 2669-2678.	1.0	13
58	A photoswitchable polar crystal that exhibits superionic conduction. Nature Chemistry, 2020, 12, 338-344.	6.6	73
59	Synthesis of Two-Dimensional Photomagnetic K₄{[Cu^{II}(ida)]₂[M^{IV}(CN)₈]}Â·4H₂O (M^{IV} = Mo, W) Materials. Inorganic Chemistry, 2020, 59, 4292-4299.	1.9	9
60	Long-term heat-storage ceramics absorbing thermal energy from hot water. Science Advances, 2020, 6, eaaz5264.	4.7	34
61	Octacyanidorhenate(V) Ion as an Efficient Linker for Hysteretic Twoâ€Step Iron(II) Spin Crossover Switchable by Temperature, Light, and Pressure. Angewandte Chemie, 2020, 132, 15871-15879.	1.6	8
62	Proton Conductive Luminescent Thermometer Based on Near-Infrared Emissive {YbCo₂} Molecular Nanomagnets. Journal of the American Chemical Society, 2020, 142, 3970-3979.	6.6	106
63	Influence of magnetic dilution on relaxation processes in a solid solution comprising tetrahedral Co/Zn^{II} complexes. Dalton Transactions, 2020, 49, 6807-6815.	1.6	8
64	Non-metallic electrical transport properties of a metastable Î» -Ti3O5 thin film epitaxially stabilized on a pseudobrookite seed layer. Applied Physics Letters, 2020, 116, .	1.5	9
65	Neodymium Î²-diketonate showing slow magnetic relaxation and acting as a ratiometric thermometer based on near-infrared emission. RSC Advances, 2019, 9, 23444-23449.	1.7	29
66	Studies of Er(<scp>iii</scp>)â€“W(<scp>v</scp>) compounds showing nonlinear optical activity and single-molecule magnetic properties. CrystEngComm, 2019, 21, 5882-5889.	1.3	15
67	Near-infrared emissive Er(<scp>iii</scp>) and Yb(<scp>iii</scp>) molecular nanomagnets in metalâ€“organic chains functionalized by octacyanidometallates(<scp>iv</scp>). Inorganic Chemistry Frontiers, 2019, 6, 2423-2434.	3.0	38
68	Dehydrationâ€“Hydration Switching of Single-Molecule Magnet Behavior and Visible Photoluminescence in a Cyanido-Bridged DyIIICoIII Framework. Journal of the American Chemical Society, 2019, 141, 18211-18220.	6.6	93
69	Humidityâ€”A Powerful Tool to Customize the Physical Properties of Molecular Magnets. Chemistry - A European Journal, 2019, 25, 15963-15977.	1.7	20
70	A heterotrimetallic synthetic approach in versatile functionalization of nanosized {MxCu13â€“xW7}3+ and {M1Cu8W6} (M = Co, Ni, Mn, Fe) metalâ€“cyanide magnetic clusters. Inorganic Chemistry Frontiers, 2019, 6, 3104-3118.	3.0	8
71	Low-pressure-responsive heat-storage ceramics for automobiles. Scientific Reports, 2019, 9, 13203.	1.6	23
72	Optical and Magnetic Functionalities on Molecule-Based Magnetic Materials. Springer Series in Chemical Physics, 2019, , 453-469.	0.2	1

#	Article	IF	Citations
73	Photoluminescent Lanthanide(III) Singleâ€Molecule Magnets in Threeâ€Dimensional Polycyanidocuprate(I)â€Based Frameworks. Chemistry - A European Journal, 2019, 25, 11820-11825.	1.7	44
74	Single Laser Shot Photoinduced Phase Transition of Rubidium Manganese Hexacyanoferrate Investigated by X-ray Diffraction. European Journal of Inorganic Chemistry, 2019, 2019, 3121-3121.	1.0	1
75	Thermally induced and photoinduced phase transitions in rubidium manganese hexacyanoferrate combining charge transfer and structural reorganization. Comptes Rendus Chimie, 2019, 22, 498-507.	0.2	10
76	Humidityâ€Induced Switching between Two Magnetic and Structural Phases in a Co II â€[W V (CN) 8] Molecular Magnet. Chemistry - A European Journal, 2019, 25, 11066-11073.	1.7	15
77	Effect of Noble Metals on Luminescence and Single-Molecule Magnet Behavior in the Cyanido-Bridged Lnâ€“Ag and Lnâ€“Au (Ln = Dy, Yb, Er) Complexes. Inorganic Chemistry, 2019, 58, 5677-5687.	1.9	42
78	In Situ Ligand Transformation for Two-Step Spin Crossover in FeII[MIV(CN)8]4â€“ (M = Mo, Nb) Cyanido-Bridged Frameworks. Inorganic Chemistry, 2019, 58, 6052-6063.	1.9	24
79	Humidity driven molecular switch based on photoluminescent Dy^{III}Co^{III} single-molecule magnets. Journal of Materials Chemistry C, 2019, 7, 4164-4172.	2.7	35
80	Single Laser Shot Photoinduced Phase Transition of Rubidium Manganese Hexacyanoferrate Investigated by Xâ€ray Diffraction. European Journal of Inorganic Chemistry, 2019, 2019, 3142-3147.	1.0	10
81	Frontispiece: Humidityâ€”A Powerful Tool to Customize the Physical Properties of Molecular Magnets. Chemistry - A European Journal, 2019, 25, .	1.7	0
82	Proton-Conducting Humidity-Sensitive Ni^{II}â€“Nb^{IV} Magnetic Coordination Network. Inorganic Chemistry, 2019, 58, 15812-15823.	1.9	14
83	Ultrafast magnetic response in Îµ-Fe2O3 nano magnet measured by terahertz-pump optical-Faraday-probe measurement. , 2019, , .		0
84	Wide-Range UV-to-Visible Excitation of Near-Infrared Emission and Slow Magnetic Relaxation in Ln^{III}(4,4â€²-Azopyridine-1,1â€²-dioxide)[Co^{III}(CN)₆]^{3â€“} Layered Frameworks. Inorganic Chemistry, 2019, 58, 165-179.	1.9	22
85	Humidity sensitivity, organic molecule sensitivity, and superionic conductivity on porous magnets based on cyano-bridged bimetal assemblies. Coordination Chemistry Reviews, 2019, 380, 572-583.	9.5	31
86	Self-assembled three-dimensional molecule-based magnet composed of a trinuclear manganese unit and octacyanidotungstate. Inorganica Chimica Acta, 2019, 488, 120-124.	1.2	3
87	Rapid Faraday Rotation on Îµ-Iron Oxide Magnetic Nanoparticles by Visible and Terahertz Pulsed Light. Journal of the American Chemical Society, 2019, 141, 1775-1780.	6.6	57
88	Direct Observation of Chemical Conversion from Fe₃O₄ to Îµ-Fe₂O₃ by a Nanosize Wet Process. Chemistry of Materials, 2018, 30, 2888-2894.	3.2	24
89	Chiral Ln^{III}(tetramethylurea)â€“[W^V(CN)₈] Coordination Chains Showing Slow Magnetic Relaxation. Crystal Growth and Design, 2018, 18, 1848-1856.	1.4	12
90	Vanadium pentacyanonitrosylmolybdate-based magnet exhibiting a high magnetic ordering temperature of 200 K. Inorganic Chemistry Communication, 2018, 91, 20-23.	1.8	1

#	Article	IF	Citations
91	Magnetization-Induced Second Harmonic Generation (MSHG) in a Pentacyanidonitrosylmolybdate-Based Piezoelectric Ferrimagnet. European Journal of Inorganic Chemistry, 2018, 2018, 1367-1370.	1.0	5
92	Antiferromagnetic exchange and long-range magnetic ordering in supramolecular networks constructed of hexacyanido-bridged Ln^{III}(3-pyridone)â€“Cr^{III} (Ln = Gd, Tb) chains. CrystEngComm, 2018, 20, 1271-1281.	1.3	7
93	Highly Oriented Magnetic Film Composed of Ga-Substituted Îµ-Iron Oxide and the Angular Dependence of the Magnetic Hysteresis Loops. European Journal of Inorganic Chemistry, 2018, 2018, 836-836.	1.0	0
94	Theoretical prediction of a charge-transfer phase transition. Scientific Reports, 2018, 8, 63.	1.6	26
95	Highly Oriented Magnetic Film Composed of Gaâ€Substituted Îµâ€Iron Oxide and the Angular Dependence of the Magnetic Hysteresis Loops. European Journal of Inorganic Chemistry, 2018, 2018, 847-851.	1.0	4
96	Second-Harmonic and Terahertz Generation in a Prussian-Blue Analogue. European Journal of Inorganic Chemistry, 2018, 2018, 378-384.	1.0	3
97	Acid-Responsive Conductive Nanofiber of Tetrabenzoporphyrin Made by Solution Processing. Journal of the American Chemical Society, 2018, 140, 62-65.	6.6	24
98	Achieving white light emission and increased magnetic anisotropy by transition metal substitution in functional materials based on dinuclear Dy^{III}(4-pyridone)[M^{III}(CN)₆]^{3â^’} (M = Co, Rh) molecules. Journal of Materials Chemistry C, 2018, 6, 473-481.	2.7	44
99	Probing Transient Photoinduced Charge Transfer in Prussian Blue Analogues with Timeâ€Resolved XANES and Optical Spectroscopy. European Journal of Inorganic Chemistry, 2018, 2018, 272-277.	1.0	24
100	Chiral cyanido-bridged Mnâ€“Nb magnets including halogen-bonds. CrystEngComm, 2018, 20, 7236-7241.	1.3	9
101	High performance sorption and desorption behaviours at high working temperatures of ammonia gas in a cobalt-substituted Prussian blue analogue. Chemical Communications, 2018, 54, 11961-11964.	2.2	22
102	Frontispiece: Tuning of High Spin Ground State and Slow Magnetic Relaxation within Trimetallic Cyanideâ€Bridged {Ni^{II}_xCo^{II}_{9â^’x}[W^V(CN)₈]₆} and {Mn^{II}_xCo^{II}_{9â^’x}[W^V(CN)₈]₆} Clusters. Chemistry - A European Journal, 2018, 24, .	1.7	0
103	Dehydration-Triggered Charge Transfer and High Proton Conductivity in (H₃O)[Ni^{III}(cyclam)][M^{II}(CN)₆] (M = Ru, Os) Cyanide-Bridged Chains. Inorganic Chemistry, 2018, 57, 13415-13422.	1.9	20
104	Frontispiece: Crystal Structure and Magnetic Properties of Îµâ€Ru_xFe_{2â€•x}O₃ Nanosize Hard Ferrite. Chemistry - A European Journal, 2018, 24, .	1.7	0
105	Incorporation of hexacyanidoferrate(<scp>iii</scp>) ion in photoluminescent trimetallic Eu(3-pyridone)[Co_{1â^’x}Fe_x(CN)₆] chains exhibiting tunable visible light absorption and emission properties. CrystEngComm, 2018, 20, 5695-5706.	1.3	13
106	Hybrid organicâ€“inorganic connectivity of Nd^{III}(pyrazine-N,Nâ€²-dioxide)[Co^{III}(CN)₆]^{3â^’} coordination chains for creating near-infrared emissive Nd(<scp>iii</scp>) showing field-induced slow magnetic relaxation. Dalton Transactions, 2018, 47, 7870-7874.	1.6	22
107	Crystal Structure and Magnetic Properties of Îµ â€Ru x Fe 2â€•x O 3 Nanosize Hard Ferrite. Chemistry - A European Journal, 2018, 24, 11880-11884.	1.7	9
108	Between single ion magnets and macromolecules: a polymer/transition metal-based semi-solid solution. Chemical Science, 2018, 9, 7277-7286.	3.7	11

#	Article	IF	Citations
109	Tuning of High Spin Ground State and Slow Magnetic Relaxation within Trimetallic Cyanideâ€Bridged {Ni II x Co II 9â^' x [W V (CN) 8] 6 } and {Mn II x Co II 9â^' x. Chemistry - A European Journal, 2018, 24, 15533-15542.	1.7	16
110	TbCo and Tb0.5Dy0.5Co layered cyanido-bridged frameworks for construction of colorimetric and ratiometric luminescent thermometers. Journal of Materials Chemistry C, 2018, 6, 8372-8384.	2.7	48
111	First-Principles Calculations and Optical Absorption Spectrum of a Light-Colored Aluminum-Substituted Îµ-Iron Oxide Magnet. European Journal of Inorganic Chemistry, 2017, 2017, 530-530.	1.0	1
112	Bis(aminoaryl) Carbonâ€Bridged Oligo(phenylenevinylene)s Expand the Limits of Electronic Couplings. Angewandte Chemie - International Edition, 2017, 56, 2898-2902.	7.2	50
113	Bis(aminoaryl) Carbonâ€Bridged Oligo(phenylenevinylene)s Expand the Limits of Electronic Couplings. Angewandte Chemie, 2017, 129, 2944-2948.	1.6	12
114	Phonon-Mode Calculation, Far- and Mid-Infrared, and Raman Spectra of an Îµ-Ga_{0.5}Fe_{1.5}O₃ Magnet. Journal of Physical Chemistry C, 2017, 121, 5812-5819.	1.5	9
115	Fine structure and correlation in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mrow><mml:mi>Î²</mml:mi><mml:mtext>â^'</mml:mtext><mml:mi mathvariant="normal">i</mml:mi><mml:mn>3</mml:mn></mml:msub><mml:msub><mml:mi mathvariant="normal">O</mml:mi><mml:mn>5</mml:mn></mml:msub></mml:mrow></mml:math> and <mml:math	1.1	15
116	Fine Tuning of Multicolored Photoluminescence in Crystalline Magnetic Materials Constructed of Trimetallic Eu_xTb_{1â€“x}[Co(CN)₆] Cyanido-Bridged Chains. Inorganic Chemistry, 2017, 56, 5239-5252.	1.9	47
117	Modulation of the FeII spin crossover effect in the pentadecanuclear {Fe9[M(CN)8]6} (M = Re, W) clusters by facial coordination of tridentate polyamine ligands. Dalton Transactions, 2017, 46, 8027-8036.	1.6	31
118	Structures and Physical Properties of Chemically Reduced Diindenosiloles and Their Ï€-Extended Derivatives. Organometallics, 2017, 36, 2646-2653.	1.1	9
119	Magnetic glass-film based on single-nanosize ? -Fe2O3 nanoparticles. AIP Advances, 2017, 7, .	0.6	9
120	Supramolecular Two-Dimensional Network Mediated via Sulfurâ€™s Ïƒ-Holes in a Conducting Molecular Crystal: Effects of Its Rigidity on Physical Properties and Structural Transition. Crystal Growth and Design, 2017, 17, 2203-2210.	1.4	10
121	Firstâ€Principles Calculations and Optical Absorption Spectrum of a Lightâ€Colored Aluminumâ€Substituted Îµâ€Iron Oxide Magnet. European Journal of Inorganic Chemistry, 2017, 2017, 531-534.	1.0	4
122	Dehydration of Octacyanido-Bridged Ni^{II}-W^{IV} Framework toward Negative Thermal Expansion and Magneto-Colorimetric Switching. Inorganic Chemistry, 2017, 56, 179-185.	1.9	26
123	A novel oxalate-based three-dimensional coordination polymer showing magnetic ordering and high proton conductivity. Dalton Transactions, 2017, 46, 15130-15137.	1.6	15
124	Cesium ion detection by terahertz light. Scientific Reports, 2017, 7, 8088.	1.6	30
125	Large Coercive Field of 45 kOe in a Magnetic Film Based on Metal-Substituted Îµ-Iron Oxide. Journal of the American Chemical Society, 2017, 139, 13268-13271.	6.6	51
126	Octahedral Yb(<scp>iii</scp>) complexes embedded in [Co^{III}(CN)₆]-bridged coordination chains: combining sensitized near-infrared fluorescence with slow magnetic relaxation. Dalton Transactions, 2017, 46, 13668-13672.	1.6	37

#	Article	IF	Citations
127	Magnetic Lotus Root Based on a Cyanido-Bridged Coâ€“W Metal Assembly. Crystal Growth and Design, 2017, 17, 4511-4515.	1.4	5
128	SHG-active Ln^{III}â€“[Mo^I(CN)₅(NO)]^{3â^'}(Ln = Gd, Eu) magnetic coordination chains: a new route towards non-centrosymmetric molecule-based magnets. CrystEngComm, 2017, 19, 18-22.	1.3	15
129	Dielectric and optical constants of Î»-Ti3O5 film measured by spectroscopic ellipsometry. Materials Letters, 2017, 188, 8-12.	1.3	10
130	Large optical third-order nonlinearities in a switchable Prussian blue analogue. Optical Materials Express, 2017, 7, 444.	1.6	5
131	Metal Substitution Effect on a Three-Dimensional Cyanido-Bridged Fe Spin-Crossover Network. Inorganics, 2017, 5, 63.	1.2	5
132	Magneto-OpticalMagneto-Optical Functionalities in Cyano-Bridged Bimetal Assemblies and Metal-Oxide Nanomaterials. Springer Series in Chemical Physics, 2017, , 263-277.	0.2	1
133	Rubidium Manganese Hexacyanoferrate Solid Solutions: Towards Hidden Phases. Current Inorganic Chemistry, 2016, 6, 34-39.	0.2	5
134	Dynamics of Photoinduced Phase Transitions in a Prussian Blue Analog Studied by CN Vibrational Spectroscopy. Current Inorganic Chemistry, 2016, 6, 10-25.	0.2	3
135	Selfâ€Assembled Fibers Containing Stable Organic Radical Moieties: Alignment and Magnetic Properties in Liquid Crystals. Chemistry - A European Journal, 2016, 22, 8872-8878.	1.7	16
136	White Light Emissive Dy^{III} Singleâ€Molecule Magnets Sensitized by Diamagnetic [Co^{III}(CN)₆]^{3â^'} Linkers. Chemistry - A European Journal, 2016, 22, 7371-7375.	1.7	83
137	Mesoscopic bar magnet based on Îµ-Fe2O3 hard ferrite. Scientific Reports, 2016, 6, 27212.	1.6	37
138	THz spectroscopy and THz generation in a Prussian blue analogue. , 2016, , .		0
139	Historical Pigment Exhibiting Ammonia Gas Capture beyond Standard Adsorbents with Adsorption Sites of Two Kinds. Journal of the American Chemical Society, 2016, 138, 6376-6379.	6.6	126
140	Millimeter Wave Rotation in $varepsilon-mathrm{Al}_{0.47}mathrm{Fe}_{1.53}mathrm{O}_3$ at One Hundred Gigahertz. IEEE Magnetics Letters, 2016, 7, 1-4.	0.6	4
141	High thermal durability of a layered Cs4CoII[WV(CN)8]Cl3framework: crystallographic and133Cs NMR spectroscopic studies. CrystEngComm, 2016, 18, 9236-9242.	1.3	3
142	Yellow to greenish-blue colour-tunable photoluminescence and 4f-centered slow magnetic relaxation in a cyanido-bridged Dy^{III}(4-hydroxypyridine)â€“Co^{III} layered material. Chemical Communications, 2016, 52, 10795-10798.	2.2	58
143	Multimetalâ€Substituted Epsilonâ€Iron Oxide Ïµâ€²Ga_{0.31}Ti_{0.05}Co_{0.05}Fe_{1.59}O₃ for Nextâ€Generation Magnetic Recording Tape in the Bigâ€Data Era. Angewandte Chemie, 2016, 128, 11575-11578.	1.6	11
144	Near-Infrared Photoluminescence in Hexacyanido-Bridged Ndâ€“Cr Layered Ferromagnet. Crystal Growth and Design, 2016, 16, 4918-4925.	1.4	28

#	Article	IF	Citations
145	Multimetalâ€Substituted Epsilonâ€Iron Oxide Ïµâ€Ga_{0.31}Ti_{0.05}Co_{0.05}Fe_{1.59}O₃ for Nextâ€Generation Magnetic Recording Tape in the Bigâ€Data Era. Angewandte Chemie - International Edition, 2016, 55, 11403-11406.	7.2	36
146	Photoreversible Spin-crossover Ferrimagnetism in Fe₂[Nb(CN)₈](4-methylpyridine)₈Â·2H₂O. Chemistry Letters, 2016, 45, 359-361.	0.7	13
147	In Situ Generation of Co^{III}â€“Salen Complexes for Copolymerization of Propylene Oxide and CO₂. Chemistry - A European Journal, 2016, 22, 13677-13681.	1.7	24
148	Photo-induced magnetization and first-principles calculations of a two-dimensional cyanide-bridged Coâ€“W bimetal assembly. Dalton Transactions, 2016, 45, 19249-19256.	1.6	14
149	4-Bromopyridine-Induced Chirality in Magnetic M^{II}-[Nb^{IV}(CN)₈]^{4â€“} (M = Zn, Mn, Ni) Coordination Networks. Crystal Growth and Design, 2016, 16, 4119-4128.	1.4	17
150	Synthesis of the Singleâ€Crystalline Form and Firstâ€Principles Calculations of Photomagnetic Copper(II) Octacyanidomolybdate(IV). European Journal of Inorganic Chemistry, 2016, 2016, 1980-1988.	1.0	17
151	The solvent effect on the structural and magnetic features of bidentate ligand-capped {Co^{II}₉[W^V(CN)₈]₆} single-molecule magnets. CrystEngComm, 2016, 18, 1495-1504.	1.3	15
152	Tuning of Charge Transfer Assisted Phase Transition and Slow Magnetic Relaxation Functionalities in {Fe_{9â€“x}Co_x[W(CN)₈]₆} (x = 0â€“9) Molecular Solid Solution. Journal of the American Chemical Society, 2016, 138, 1635-1646.	6.6	76
153	Structural anisotropy of cyanido-bridged {CoII9WV6} single-molecule magnets induced by bidentate ligands: towards the rational enhancement of an energy barrier. Chemical Communications, 2016, 52, 4772-4775.	2.2	27
154	Radioactive cesium removal from ash-washing solution with high pH and high K+-concentration using potassium zinc hexacyanoferrate. Chemical Engineering Research and Design, 2016, 109, 513-518.	2.7	26
155	THz generation and photoswitching of the nonlinear properties in a bistable Prussian blue analogue. , 2016, , .		0
156	Zeta-Fe2O3 â€“ A new stable polymorph in iron(III) oxide family. Scientific Reports, 2015, 5, 15091.	1.6	81
157	Multifunctional Material: Bistable Metalâ€“Cyanide Polymer of Rubidium Manganese Hexacyanoferrate. Bulletin of the Chemical Society of Japan, 2015, 88, 227-239.	2.0	33
158	Anomalous magnetization dynamics near the spin-reorientation transition temperature in Îµ-In0.24Fe1.76O3 nanowires. Low Temperature Physics, 2015, 41, 20-24.	0.2	2
159	Nanometer-size hard magnetic ferrite exhibiting high optical-transparency and nonlinear optical-magnetoelectric effect. Scientific Reports, 2015, 5, 14414.	1.6	83
160	Magnetic ground state of nanosized Î²-Fe₂O₃ and its remarkable electronic features. RSC Advances, 2015, 5, 49719-49727.	1.7	20
161	Structural Phase Transition between Î³-Ti₃O₅ and Î´-Ti₃O₅ by Breaking of a One-Dimensionally Conducting Pathway. Crystal Growth and Design, 2015, 15, 653-657.	1.4	44
162	Fe^{II} Spinâ€Crossover Phenomenon in the Pentadecanuclear {Fe₉[Re(CN)₈]₆} Spherical Cluster. Angewandte Chemie - International Edition, 2015, 54, 5093-5097.	7.2	58

#	Article	IF	Citations
163	Efficient synthesis of size-controlled open-framework nanoparticles fabricated with a micro-mixer: route to the improvement of Cs adsorption performance. Green Chemistry, 2015, 17, 4228-4233.	4.6	37
164	Implementation of Chirality into High-Spin Ferromagnetic Co^{II}₉W^V₆ and Ni^{II}₉W^V₆ Cyanido-Bridged Clusters. Crystal Growth and Design, 2015, 15, 3573-3581.	1.4	29
165	Microwave and millimeter wave dielectric permittivity and magnetic permeability of epsilon-gallium-iron-oxide nano-powders. Journal of Applied Physics, 2015, 117, 17B324.	1.1	6
166	External stimulation-controllable heat-storage ceramics. Nature Communications, 2015, 6, 7037.	5.8	82
167	Visible to Near-Infrared Emission from Ln^{III}(Bis-oxazoline)â€“[Mo^V(CN)₈] (Ln = Ceâ€“Yb) Magnetic Coordination Polymers Showing Unusual Lanthanide-Dependent Sliding of Cyanido-Bridged Layers. Inorganic Chemistry, 2015, 54, 4724-4736.	1.9	44
168	Translation of the assembling trajectory by preorganisation: a study of the magnetic properties of 1D polymeric unpaired electrons immobilised on a discrete nanoscopic scaffold. Chemical Communications, 2015, 51, 1206-1209.	2.2	9
169	Syntheses, crystal structures, and magnetic properties of Mnâ€“Nb and Coâ€“Nb cyanido-bridged bimetallic assemblies. Inorganica Chimica Acta, 2015, 425, 92-99.	1.2	9
170	Ultrafast dynamics of photoinduced semiconductor-to-metal transition in the optical switching nano-oxideTi3O5. Physical Review B, 2014, 90, .	1.1	24
171	Multifunctionality in Bimetallic Ln^{III}[W^V(CN)₈]^{3â^'} (Ln=Gd, Nd) Coordination Helices: Optical Activity, Luminescence, and Magnetic Coupling. Chemistry - A European Journal, 2014, 20, 7144-7159.	1.7	50
172	Poly[[diaquadeca-Î¼2-cyanido-Îº2C:N-hexacyanido-Îº6C-bis(Î¼2-5-methylpyrimidine-Îº2N:Nâ€²)bis(5-methylpyrimidine-ÎºN)tricopper(II)c dihydrate]. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, m47-m48.	0.2	0
173	Domain growth and aggregation dynamics in photo-induced phase transition phenomena. Journal of Luminescence, 2014, 152, 108-111.	1.5	2
174	High-frequency millimeter wave absorption of indium-substituted Îµ-Fe2O3 spherical nanoparticles (invited). Journal of Applied Physics, 2014, 115, .	1.1	43
175	90-degree optical switching of output second-harmonic light in chiral photomagnet. Nature Photonics, 2014, 8, 65-71.	15.6	276
176	Cesium Cyano-Bridged Co^{II}â€“M^V (M = Mo and W) Layered Frameworks Exhibiting High Thermal Durability and Metamagnetism. Crystal Growth and Design, 2014, 14, 6093-6100.	1.4	16
177	Spin-reorientation transition in É›-In0.24Fe1.76O3 nanowires. Physics of the Solid State, 2014, 56, 1795-1798.	0.2	11
178	Atypical stoichiometry for a 3D bimetallic oxalate-based long-range ordered magnet exhibiting high proton conductivity. Chemical Communications, 2014, 50, 5629-5632.	2.2	38
179	Humidity dependency of the thermal phase transition of a cyano bridged Coâ€“W bimetal assembly. New Journal of Chemistry, 2014, 38, 1950-1954.	1.4	18
180	Solâ€“gel synthesis of nanosized Î»-Ti3O5 crystals. IOP Conference Series: Materials Science and Engineering, 2014, 54, 012008.	0.3	11

#	Article	IF	Citations
181	Green to Red Luminescence Switchable by Excitation Light in Cyanido-Bridged Tb^{III}â€“W^V Ferromagnet. Chemistry of Materials, 2014, 26, 4072-4075.	3.2	58
182	Millimeter wave ferromagnetic resonance in gallium-substituted Îµ-iron oxide. Journal of Applied Physics, 2014, 115, 17A510.	1.1	7
183	Single-shot time resolved study of the photo-reversible phase transition induced in flakes of Ti3O5 nanoparticles at room temperature. Chemical Physics Letters, 2014, 608, 106-112.	1.2	27
184	Charge transfer phase transition with reversed thermal hysteresis loop in the mixed-valence Fe9[W(CN)8]6Â·xMeOH cluster. Chemical Communications, 2014, 50, 3484.	2.2	41
185	Îµ-Iron Oxide Exhibiting High-Frequency Millimeter Wave Absorption. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2014, 61, S280-S284.	0.1	0
186	Water and Alcohol Vapor Sensitivity and Calorimetric Study on Magnetic Octacyano-Bridged Bimetallic Assemblies. Current Inorganic Chemistry, 2014, 4, 100-109.	0.2	2
187	Observation of Ï€ backbonding features appearing in Fe 2p X-ray absorption spectra and Fe 1s-4p-1s resonant X-ray emission spectra of RbMn[Fe(CN)₆]. Journal of Physics: Conference Series, 2013, 430, 012082.	0.3	1
188	Selective Synthesis of Co₈S₁₅ Cluster in Bowl-Shaped Template of the Pentaaryl[60]fullerene Ligand. Journal of the American Chemical Society, 2013, 135, 10914-10917.	6.6	5
189	Influence of dehydration on the electron spin resonance in the Cu3[W(CN)8]2(Pyrimidine)2 Â· 8H2O molecular magnet. Physics of the Solid State, 2013, 55, 990-994.	0.2	2
190	Temperature-Induced and Photo-Induced Phase Transition in a BistableMetal-Cyanide Polymer. , 2013, , 693-727.		0
191	Multilayered networks built from polyoxometalates and cyanometalates. Polyhedron, 2013, 66, 116-122.	1.0	5
192	Structural kinetics of a Pt/C cathode catalyst with practical catalyst loading in an MEA for PEFC operating conditions studied by in situ time-resolved XAFS. Physical Chemistry Chemical Physics, 2013, 15, 18827.	1.3	41
193	Magnetic phase transition in É›-In x Fe2 â˜ x O3 nanowires. Physics of the Solid State, 2013, 55, 2252-2259.	0.2	12
194	Influence of zeolite water on paramagnetic and ferromagnetic resonances in the Co2[Nb(CN)8] Â· 8H2O molecular magnet. Physics of the Solid State, 2013, 55, 1663-1667.	0.2	1
195	Thermal switching between blue and red luminescence in magnetic chiral cyanido-bridged EuIIIâ€“WVcoordination helices. RSC Advances, 2013, 3, 1065-1068.	1.7	27
196	The synthesis of rhodium substituted Îµ-iron oxide exhibiting super high frequency natural resonance. Journal of Materials Chemistry C, 2013, 1, 5200.	2.7	33
197	Two-dimensional octacyano-bridged Mn(II)â€“Nb(IV) bimetal assembly with four different configurations of 3-hydroxypyridines. Inorganic Chemistry Communication, 2013, 27, 47-50.	1.8	9
198	Supramolecular Chains and Coordination Nanowires Constructed of High-Spin Co^{II}₉W^V₆ Clusters and 4,4â€²-bpdo Linkers. Crystal Growth and Design, 2013, 13, 3036-3045.	1.4	33

#	Article	IF	Citations
199	Mixed-Valence Cobalt(II/III)â€“Octacyanidotungstate(IV/V) Ferromagnet. Crystal Growth and Design, 2013, 13, 5267-5271.	1.4	16
200	Syntheses, crystal structures, and magnetic properties of cyano-bridged Mn(II)â€“Nb(IV) bimetal assemblies. Polyhedron, 2013, 52, 424-428.	1.0	8
201	Super-Ionic Conductive Magnet Based on a Cyano-Bridged Mnâ€“Nb Bimetal Assembly. Crystal Growth and Design, 2013, 13, 4673-4677.	1.4	20
202	Probing of local structures of thermal and photoinduced phases in rubidium manganese hexacyanoferrate by resonant Raman spectroscopy. Journal of Chemical Physics, 2013, 139, 084303.	1.2	3
203	Room-temperature thermally induced relaxation effect in a two-dimensional cyano-bridged Cu-Mo bimetal assembly and thermodynamic analysis of the relaxation process. AIP Advances, 2013, 3, .	0.6	7
204	Hard Magnetic Ferrite: Îµ-Fe2O3. Bulletin of the Chemical Society of Japan, 2013, 86, 897-907.	2.0	54
205	MÃ¶ssbauer study of Îµ-Al x Fe2â€‰â”â€‰x O3 nanomagnets. , 2013, , 265-268.		0
206	Magnetic Dimensional Crossover from Two- to Three-Dimensional Heisenberg Magnetism in a Cuâ€“W Cyano-Bridged Bimetal Assembly. Crystal Growth and Design, 2012, 12, 2013-2017.	1.4	9
207	Hard magnetic ferrite with a gigantic coercivity and high frequency millimetre wave rotation. Nature Communications, 2012, 3, 1035.	5.8	184
208	Measurements of Complex Magnetic Permeability of Nano-Size $varepsilon$-Al$_{m x}$Fe$_{2-{m x}}$O$_{3}$ Powder Materials at Microwave and Millimeter Wavelengths. IEEE Transactions on Magnetics, 2012, 48, 2769-2772.	1.2	11
209	Spectroscopic and Magnetic Properties of the Metastable States in the Coordination Network [{Co(prm)₂}₂{Co(H₂O)₂}{W(CN)₈}₂]Â·4H₂ (prm = pyrimidine). Inorganic Chemistry, 2012, 51, 2852-2859.	4.9	17
210	Ultrafast dynamics of reversible photoinduced phase transitions in rubidium manganese hexacyanoferrate investigated by midinfrared CN vibration spectroscopy. Physical Review B, 2012, 86, .	1.1	19
211	Anomalous behavior of high-frequency zero-field ferromagnetic resonance in aluminum-substituted É›-Fe2O3. Journal of Applied Physics, 2012, 111, .	1.1	7
212	Zero Thermal Expansion Fluid and Oriented Film Based on a Bistable Metal-Cyanide Polymer. Chemistry of Materials, 2012, 24, 1324-1330.	3.2	38
213	Synthesis and Characterization of B-Heterocyclic Ï€-Radical and Its Reactivity as a Boryl Radical. Journal of the American Chemical Society, 2012, 134, 19989-19992.	6.6	101
214	Conjunction of Chirality and Slow Magnetic Relaxation in the Supramolecular Network Constructed of Crossed Cyano-Bridged Co^{II}â€“W^V Molecular Chains. Journal of the American Chemical Society, 2012, 134, 16151-16154.	6.6	73
215	Sulfoxidation on a SiO2-supported Ru complex using O2/aldehyde system. Dalton Transactions, 2012, 41, 4558.	1.6	8
216	Operando Time-Resolved X-ray Absorption Fine Structure Study for Surface Events on a Pt₃Co/C Cathode Catalyst in a Polymer Electrolyte Fuel Cell during Voltage-Operating Processes. ACS Catalysis, 2012, 2, 1319-1330.	5.5	103

#	Article	IF	Citations
217	Study of the Electronic Structure and Magnetic Properties of Îµ-Fe₂O₃ by First-Principles Calculation and Molecular Orbital Calculations. Journal of Physical Chemistry C, 2012, 116, 8688-8691.	1.5	51
218	4D Visualization of a Cathode Catalyst Layer in a Polymer Electrolyte Fuel Cell by 3D Laminographyâ€“XAFS. Angewandte Chemie - International Edition, 2012, 51, 10311-10314.	7.2	63
219	The Active Phase of Nickel/Ordered Ce₂Zr₂O_x Catalysts with a Discontinuity (x=7â€“8) in Methane Steam Reforming. Angewandte Chemie - International Edition, 2012, 51, 9361-9365.	7.2	32
220	Perovskite NaCeTi₂O₆â€Supported Ni Catalysts for CH₄ Steam Reforming. ChemCatChem, 2012, 4, 1783-1790.	1.8	16
221	Photomagnetism in Cyano-Bridged Bimetal Assemblies. Accounts of Chemical Research, 2012, 45, 1749-1758.	7.6	260
222	A Polyoxometalateâ€“Cyanometalate Multilayered Coordination Network. Inorganic Chemistry, 2012, 51, 4897-4899.	1.9	31
223	The phase transition of É›-InxFe2â€²xO3 nanomagnets with a large thermal hysteresis loop (invited). Journal of Applied Physics, 2012, 111, .	1.1	13
224	Theoretical Design of a High-Frequency Millimeter Wave Absorbing Sheet Composed of Gallium Substituted $varepsilon$-Fe$_{2}$O$_{3}$ Nanomagnet. IEEE Transactions on Magnetics, 2012, 48, 4386-4389.	1.2	9
225	A Cyanoâ€Bridged Vanadiumâ€“Niobium Bimetal Assembly Exhibiting a High Curie Temperature of 210 K. European Journal of Inorganic Chemistry, 2012, 2012, 2649-2652.	1.0	32
226	Photoinduced Magnetization with a High Curie Temperature and a Large Coercive Field in a Coâ€W Bimetallic Assembly. Advanced Functional Materials, 2012, 22, 2089-2093.	7.8	81
227	Magnetic Materials: Photoinduced Magnetization with a High Curie Temperature and a Large Coercive Field in a Coâ€W Bimetallic Assembly (Adv. Funct. Mater. 10/2012). Advanced Functional Materials, 2012, 22, 2209-2209.	7.8	0
228	Multiferroics by Rational Design: Implementing Ferroelectricity in Moleculeâ€Based Magnets. Angewandte Chemie - International Edition, 2012, 51, 8356-8360.	7.2	157
229	Supramolecular approach to the formation of magneto-active physical gels. Chemical Science, 2012, 3, 3007.	3.7	32
230	MÃ¶ssbauer study of Îµ-Al x Fe2â€‰â€²â€‰x O3 nanomagnets. Hyperfine Interactions, 2012, 205, 117-120.	0.2	6
231	Preparation and Catalytic Performances of a Molecularly Imprinted Ruâ€Complex Catalyst with an NH₂ Binding Site on a SiO₂ Surface. Chemistry - A European Journal, 2012, 18, 1142-1153.	1.7	30
232	Threeâ€Dimensional Ordered Arrays of 58Ã—58Ã—58â€…Ã…³ Hollow Frameworks in Ionic Crystals of M₂Zn₂â€Substituted Polyoxometalates. Angewandte Chemie - International Edition, 2012, 51, 1597-1601.	7.2	69
233	Growth Dynamics of Photoinduced Phase Domain in Cyano-Complex Studied by Boundary Sensitive Raman Spectroscopy. Acta Physica Polonica A, 2012, 121, 375-384.	0.2	5
234	Î¼-XAFS of a single particle of a practical NiOx/Ce2Zr2Oy catalyst. Physical Chemistry Chemical Physics, 2011, 13, 14910.	1.3	34

#	Article	IF	Citations
235	Preparation of surface molecularly imprinted Ru-complex catalysts for asymmetric transfer hydrogenation in water media. Dalton Transactions, 2011, 40, 2338-2347.	1.6	42
236	High Thermal Durability of Water-Free Copper-Octacyanotungsten-Based Magnets Containing Halogen Bonds. Crystal Growth and Design, 2011, 11, 5561-5566.	1.4	6
237	Air- and Heat-Stable Planar Tri-p-quinodimethane with Distinct Biradical Characteristics. Journal of the American Chemical Society, 2011, 133, 16342-16345.	6.6	121
238	High Proton Conduction in a Chiral Ferromagnetic Metalâ€“Organic Quartz-like Framework. Journal of the American Chemical Society, 2011, 133, 15328-15331.	6.6	302
239	A Millimeter-Wave Tunable Electromagnetic Absorber Based on $varepsilon$-Al$_{m x}$Fe$_{2-{m x}}$O$_{3}$ Nanomagnets. IEEE Transactions on Magnetics, 2011, 47, 333-336.	1.2	10
240	Multifunctional Magnetic Molecular {[Mn^{II}(urea)₂(H₂O)]₂[Nb^{IV}(CN)₈]}_n System: Magnetization-Induced SHG in the Chiral Polymorph. Chemistry of Materials, 2011, 23, 21-31.	8.8	88
241	Novel magnetic functionalities of Prussian blue analogs. Dalton Transactions, 2011, 40, 6825.	1.6	202
242	Synthesis of a Chiral-structured Molecular Magnet Based on a Cyano-bridged Coâ€“W Bimetal Assembly. Chemistry Letters, 2011, 40, 586-587.	0.7	15
243	Magneto absorption measurements of nano-size É›-AlxFe2-xO3 powder materials at millimeter wavelengths. Journal of Applied Physics, 2011, 109, .	1.1	13
244	Experimental access to elastic and thermodynamic properties of RbMnFe(CN)6. Journal of Applied Physics, 2011, 109, .	1.1	25
245	Millimeter-Wave Ferromagnetic Absorption of Epsilon Aluminum Iron Oxide Nano Ferrites. IEEE Transactions on Magnetics, 2011, 47, 2588-2591.	1.2	6
246	Nanoscale Effects on the Stability of the Î»â€²-Ti₃O₅ Polymorph. Chemistry - an Asian Journal, 2011, 6, 1886-1890.	1.7	26
247	Room-temperature ground magnetic state of É›-Fe2O3: In-field MÃ¶ssbauer spectroscopy evidence for collinear ferrimagnet. Applied Physics Letters, 2011, 99, .	1.5	38
248	Light-induced spin-crossover magnet. Nature Chemistry, 2011, 3, 564-569.	6.6	479
249	An Operation Circuit of a Micro-SQUID Magnetometer below 1ÂK. Journal of Low Temperature Physics, 2011, 162, 748-753.	0.6	0
250	Effect of lattice deformation on photoinduced phase transition process in RbMn[Fe(CN)₆]. Physica Status Solidi (B): Basic Research, 2011, 248, 482-485.	0.7	2
251	Dynamics of photoinduced phase transitions in hexacyanoferrate studied by infrared and Raman spectroscopy. Physica Status Solidi (B): Basic Research, 2011, 248, 477-481.	0.7	7
252	Photoâ€induced phase switching dynamics in RbMn[Fe(CN)₆] probed by accumulation free midâ€infrared spectroscopy. Physica Status Solidi (B): Basic Research, 2011, 248, 491-494.	0.7	8

#	Article	IF	Citations
253	Light-induced change in magnetization-induced second harmonic generation of Fe0.52Rh0.48 films. Journal of Applied Physics, 2011, 110, 063516.	1.1	3
254	catena-Poly[[[tetrakis(cyanido-Î¹C)tungstate(IV)]-di-Î¼-cyanido-Î¹⁴C:N-bis[diaqua(2,2â€²-bipyr hexahydrate]. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, m702-m703.	0.2	2
255	Îµ-Fe₂O₃: An Advanced Nanomaterial Exhibiting Giant Coercive Field, Millimeter-Wave Ferromagnetic Resonance, and Magnetoelectric Coupling. Chemistry of Materials, 2010, 22, 6483-6505.	3.2	276
256	Transcription of optical near-fields by photoinduced structural change in single crystal metal complexes for parallel nanophotonic processing. Applied Physics B: Lasers and Optics, 2010, 98, 685-689.	1.1	4
257	Development of Micro-SQUID Magnetometers forÂInvestigation ofÂQuantum Tunneling ofÂMagnetization inÂNanometer-Size Magnetic Materials. Journal of Low Temperature Physics, 2010, 158, 704-709.	0.6	2
258	Humidityâ€Sensitive Magnet Composed of a Cyanoâ€Bridged Co^{II}â€“Nb^{IV} Dimetallic Assembly. European Journal of Inorganic Chemistry, 2010, 2010, 4079-4082.	1.0	32
259	Synthesis of a metal oxide with a room-temperature photoreversible phase transition. Nature Chemistry, 2010, 2, 539-545.	6.6	221
260	Absolute quantification of the magnetization of individual micron-sized magnets using a high-temperature superconductor micro-SQUID magnetometer. Superconductor Science and Technology, 2010, 23, 045006.	1.8	1
261	Poly[[hexaaquatris[Î¼₂-2,5-dihydroxy-1,4-benzoquinonato(2â^')]diholmium(III)] octadecahydrate]. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m1300-m1300.	0.2	6
262	Free induction decay of ferromagnetic resonance observed by time domain THz spectroscopy in nano-ferromagnet ε-Ga<inf>x</inf>Fe<inf>2−x</inf>O<inf>3</inf>. , 2010, , .		0
263	Observation of the Fixed Feâ€“CNâ€“Mn Cluster in Cesium Manganese Hexacyanoferrate. Journal of the Physical Society of Japan, 2010, 79, 074801.	0.7	4
264	Manganese(II)-Octacyanometallate(V) Bimetallic Ferrimagnets with T_c from 41 to 53 K Obtained in Acidic Media. Inorganic Chemistry, 2010, 49, 7756-7763.	1.9	34
265	Ultrafast time domain demonstration of bulk magnetization precession at zero magnetic field ferromagnetic resonance induced by terahertz magnetic field. Optics Express, 2010, 18, 18260.	1.7	102
266	Vanadium(II) Heptacyanomolybdate(III)-Based Magnet Exhibiting a High Curie Temperature of 110 K. Inorganic Chemistry, 2010, 49, 1298-1300.	1.9	63
267	High magnetic permeability of Îµ-GaxFe2â^'xO3 magnets in the millimeter wave region. Journal of Applied Physics, 2010, 107, .	1.1	12
268	High Proton Conductivity in Prussian Blue Analogues and the Interference Effect by Magnetic Ordering. Journal of the American Chemical Society, 2010, 132, 6620-6621.	6.6	222
269	Photo-Induced Phase Transition in RbMnFe Prussian Blue Analog-Based Magnet. Springer Series in Optical Sciences, 2010, , 1-35.	0.5	3
270	Poly[aquahexabenzimidazoleocta-Î¼-cyanido-octacyanidotricopper(II)ditungstate(V)]. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m403-m404.	0.2	0

#	Article	IF	Citations
271	Evidence for complex multistability in photomagnetic cobalt hexacyanoferrates from combined magnetic and synchrotron x-ray diffraction measurements. Physical Review B, 2009, 79, .	1.1	21
272	Pressure-Induced Octahedral Rotation in RbMn[Fe(CN)₆]. Journal of the Physical Society of Japan, 2009, 78, 013602.	0.7	17
273	Synthesis, crystal structure, and magnetic properties of Îµ-GaIIIâ€‰FxeIIIâ€‰O2âˆ’x3 nanorods. Journal of Applied Physics, 2009, 105, .	1.1	8
274	Photoinduced charge-transfer process in rubidium manganese hexacyanoferrate probed by Raman spectroscopy. Journal of Chemical Physics, 2009, 131, 154505.	1.2	17
275	Charge transfer processes in cyanoâ€bridged transition metals. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 116-119.	0.8	0
276	Dynamics of the charge transferred states relevant to magnetic phase transition in rubidium manganese hexacyanoferrate. Journal of Luminescence, 2009, 129, 1775-1778.	1.5	15
277	Synthesis, crystal structure, and magnetic properties of a copper(II) octacyanotungstate(V)-based magnet containing two types of organic ligands. Polyhedron, 2009, 28, 1893-1897.	1.0	5
278	High temperature superconductor micro SQUID magnetometer for molecular-based magnets. Polyhedron, 2009, 28, 1746-1749.	1.0	0
279	First Observation of Phase Transformation of All Four Fe₂O₃Phases (Î³ â†’ Îµ â†’ Î² â†’) Tj ETQq1 1 0.78431	6.6	293
280	Extremely Gradual Spin-Crossover Phenomenon in a Cyano-Bridged Feâˆ’Mo Bimetallic Assembly. Journal of Physical Chemistry C, 2009, 113, 15751-15755.	1.5	20
281	Monometallic Lanthanoid Assembly Showing Ferromagnetism with a Curie Temperature of 11 K. Inorganic Chemistry, 2009, 48, 8647-8649.	1.9	32
282	Spin Crossover by Encapsulation. Journal of the American Chemical Society, 2009, 131, 2782-2783.	6.6	108
283	Synthesis of an Electromagnetic Wave Absorber for High-Speed Wireless Communication. Journal of the American Chemical Society, 2009, 131, 1170-1173.	6.6	217
284	Vanadium Octacyanoniobate-Based Magnet with a Curie Temperature of 138 K. Inorganic Chemistry, 2009, 48, 4604-4606.	1.9	55
285	Electric-Field-Induced Charge-Transfer Phase Transition: A Promising Approach Toward Electrically Switchable Devices. Journal of the American Chemical Society, 2009, 131, 15049-15054.	6.6	143
286	The Origin of Ferromagnetism in Îµ-Fe₂O₃ and Îµ-Ga_xFe_{2âˆ’x}O₃ Nanomagnets. Journal of Physical Chemistry C, 2009, 113, 11235-11238.	1.5	53
287	Large Magnetization-Induced Second Harmonic Generation in an Enantiopure Chiral Magnet. Journal of the American Chemical Society, 2009, 131, 16838-16843.	6.6	211
288	Magnetization-induced second harmonic generation in a three-dimensional manganese octacyanoniobate-based pyroelectric ferrimagnet. CrystEngComm, 2009, 11, 2051.	1.3	37

#	Article	IF	Citations
289	Tetrapotassium heptacyanidomolybdate(III) dihydrate. Acta Crystallographica Section E: Structure Reports Online, 2009, 65, i79-i80.	0.2	3
290	Temperature dependence of photoinduced valence changes in rubidium manganese hexacyanoferrate probed by Raman spectroscopy. Journal of Physics: Conference Series, 2009, 148, 012030.	0.3	0
291	Observation of X-ray-induced phase transition phenomenon of cesium manganese hexacyanoferrate. Journal of Physics: Conference Series, 2009, 148, 012046.	0.3	1
292	Photoinduced dynamics of prussian blue type cyanide. Journal of Physics: Conference Series, 2009, 148, 012028.	0.3	3
293	Three-dimensional Nickel(II) Heptacyanomolybdate(III)-based Magnet. Chemistry Letters, 2009, 38, 810-811.	0.7	17
294	Photoreversible Switching of Magnetic Coupling in a Two-dimensional Copper Octacyanomolybdate. Chemistry Letters, 2009, 38, 338-339.	0.7	24
295	First observation of soft x-ray induced phase transition of RbMn[Fe(CN)6] studied by Fe L-edge x-ray absorption spectroscopy. Journal of Physics: Conference Series, 2009, 148, 012032.	0.3	5
296	Large coercive field in magnetic-field oriented Îµ-Fe2O3 nanorods. Chemical Physics Letters, 2008, 458, 333-336.	1.2	56
297	Visible-Light-Induced Reversible Photomagnetism in Rubidium Manganese Hexacyanoferrate. Chemistry of Materials, 2008, 20, 423-428.	3.2	128
298	Observation of an Iron(II) Spinâ€Crossover in an Iron Octacyanoniobateâ€Based Magnet. Angewandte Chemie - International Edition, 2008, 47, 6885-6887.	7.2	82
299	Observation of Ferroelectricity in Paramagnetic Copper Octacyanomolybdate. Inorganic Chemistry, 2008, 47, 10810-10812.	1.9	37
300	3D coordination metalâ€“organic frameworks of octacyanometalate bridging between Cu4 magnetic units. Dalton Transactions, 2008, , 2103.	1.6	25
301	Preparation of the Nanowire Form of Îµ-Fe₂O₃Single Crystal and a Study of the Formation Process. Journal of Physical Chemistry C, 2008, 112, 20212-20216.	1.5	49
302	Crystal Structure, Charge-Transfer-Induced Spin Transition, and Photoreversible Magnetism in a Cyano-Bridged Cobaltâ^Tungstate Bimetallic Assembly. Chemistry of Materials, 2008, 20, 3048-3054.	3.2	128
303	Continuous Change of Second-order Nonlinear Optical Activity in a Cyano-bridged Coordination Polymer. Journal of Physical Chemistry C, 2008, 112, 13095-13098.	1.5	24
304	Phase collapse caused by blue-light irradiation in a cyanobridged coordination polymer. Applied Physics Letters, 2008, 93, .	1.5	24
305	High temperature superconductor micro-superconducting-quantum-interference-device magnetometer for magnetization measurement of a microscale magnet. Review of Scientific Instruments, 2008, 79, 033909.	0.6	8
306	Dynamics of charge-transfer pairs in the cyano-bridged<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msup><mml:mi mathvariant="normal">Co</mml:mi><mml:mrow><mml:mn>2</mml:mn><mml:mo>+</mml:mo></mml:mrow></mml:msup><mml:mte mathvariant="normal">Fe</mml:mi><mml:mrow><mml:mn>3</mml:mn><mml:mo>+</mml:mo></mml:mrow></mml:msup></mml:mro compound. Physical Review B, 2008, 77, .	1.1	19

#	Article	IF	Citations
307	Pressure-temperature phase diagram for charge-transfer transition inCs[Co(3â^'CNpy)2][W(CN)8]H2O. Physical Review B, 2008, 77, .	1.1	8
308	Spectroscopic ellipsometry investigations of the thermally induced first-order transition of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mtext>RbMn</mml:mtext><mml:mrow><mml:mo>[</mml:mo><mml:mrow><mml:mtext>Fe</mml Physical Review B, 2008, 78, .	1.1	24
309	Poly[[hexa-Î¼-cyanido-manganese(II)iron(III)] pentahydrate]. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, i11-i12.	0.2	4
310	Three-Dimensional Manganese Octacyanoniobate-Based Pyroelectric Ferrimagnet. Bulletin of the Chemical Society of Japan, 2008, 81, 992-994.	2.0	25
311	Charge-Transfer Dynamics in Cyano-BridgedM_Aâ€"Fe System (M_A=Mn, Fe, and Co). Journal of the Physical Society of Japan, 2008, 77, 093710.	0.7	10
312	Fabrication of a high temperature superconductor micro-superconducting-quantum-interference-device magnetometer for magnetic hysteresis measurements. Journal of Applied Physics, 2008, 103, 07E911.	1.1	3
313	Poly[[diaquadeca-Î¼-cyanido-hexacyanidobis(4-cyanopyridine)di-Î¼-pyrimidine-tricopper(II)ditungsten(V)] dihydrate]. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, m1442-m1443.	0.2	0
314	Calorimetric investigation of equilibrium and thermal relaxation properties of the switchable Prussian Blue analog Na _{0.32} Co[Fe(CN) ₆] _{0.74} Â· 3.4H ₂ O. Europhysics Letters, 2007, 79, 27007.	0.7	12
315	Role of the intermediate state in the photoinduced process ofCoâ^'Fecyanide. Physical Review B, 2007, 75, .	1.1	19
316	Photoinduced charge transfer phase transition in cesium manganese hexacyanoferrate. Journal of Applied Physics, 2007, 101, 09E101.	1.1	3
317	Charge-transfer transition in two-dimensional<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi mathvariant="normal">Cs</mml:mi><mml:mrow><mml:mo>[</mml:mo><mml:mi mathvariant="normal">Co</mml:mi><mml:msub><mml:mrow><mml:mo>(</mml:mo><mml:mn>3</mml:mn><mml:mtext>â^'</mml: mathvariant="normal">W</mml:mi></mml:mi></mml: Physical Review B, 2007, 76, .	1.1	6
318	Substitution effects of barium and calcium on magnetic properties of AxSr1â^'x(Fe0.5Ru0.5)O3 double perovskites (x=0.05, A=Ba,Ca). Journal of Applied Physics, 2007, 102, .	1.1	12
319	Thermal spin transition in[Fe(NH2â^'trz)3]Br2investigated by spectroscopic ellipsometry. Physical Review B, 2007, 75, .	1.1	28
320	Extended Charge-Transfer State of RbMn[Fe(CN)₆]. Journal of the Physical Society of Japan, 2007, 76, 123602.	0.7	7
321	Crystal Structure, Magnetic Properties, and Second Harmonic Generation of a Three-Dimensional Pyroelectric Cyano-Bridged Mnâ€"Mo Complex. Bulletin of the Chemical Society of Japan, 2007, 80, 960-962.	2.0	16
322	Porous Magnets Based on Copperâ€"Octacyanotungsten Containing Noncoordinated Alcohol Molecules. Chemistry Letters, 2007, 36, 1464-1465.	0.7	10
323	A High Compensation Temperature of 175 K in a Vanadium Hexacyanochromate-based Magnet. Chemistry Letters, 2007, 36, 932-933.	0.7	0
324	Cyano-Bridged Gadoliniumâ€"Tungstate Bimetallic One-Dimensional Chains with a Dimethylacetamide Ligand. Bulletin of the Chemical Society of Japan, 2007, 80, 2350-2356.	2.0	34

#	Article	IF	Citations
325	Octacyanotungstate(V)-Based Magnetic Complex Consisting of Dimeric Mn2 and Tetrameric Mn2W2. Inorganic Chemistry, 2007, 46, 10990-10995.	1.9	41
326	Piezomagnetic Behavior of the Spin Crossover Prussian Blue Analogue CsFe[Cr(CN)6]. Journal of Physical Chemistry C, 2007, 111, 8086-8091.	1.5	44
327	Synthesis and Alcohol Vapor Sensitivity of a Ferromagnetic Copperâ^'Tungsten Bimetallic Assembly. Journal of the American Chemical Society, 2007, 129, 3084-3085.	6.6	130
328	X-Ray Induced Magnetic Phase Transition in CoW Cyanide Probed by XMCD. AIP Conference Proceedings, 2007, , .	0.3	1
329	Coexistence of Ferroelectricity and Ferromagnetism in a Rubidium Manganese Hexacyanoferrate. Angewandte Chemie - International Edition, 2007, 46, 3238-3241.	7.2	251
330	A Millimeterâ€Wave Absorber Based on Galliumâ€Substituted Îµâ€Iron Oxide Nanomagnets. Angewandte Chemie - International Edition, 2007, 46, 8392-8395.	7.2	194
331	Inside Cover: A Millimeter-Wave Absorber Based on Gallium-Substituted É›-Iron Oxide Nanomagnets (Angew. Chem. Int. Ed. 44/2007). Angewandte Chemie - International Edition, 2007, 46, 8306-8306.	7.2	2
332	Synthesis, Crystal Structure, and Magnetic Properties of Îµâ€In_xFe_{2â€“}_xO₃ Nanorodâ€Shaped Magnets. Advanced Functional Materials, 2007, 17, 2278-2282.	7.8	53
333	Two-dimensional metamagnet composed of a cesium copper octacyanotungstate. Chemical Physics Letters, 2007, 446, 292-296.	1.2	23
334	Photo-induced charge-transfer phase transition of rubidium manganese hexacyanoferrate in ferromagnetic and paramagnetic states. Journal of Magnetism and Magnetic Materials, 2007, 310, 1422-1428.	1.0	25
335	Observation of phase transition of cesium manganese hexacyanoferrates by X-ray absorption spectroscopy. Journal of Physics and Chemistry of Solids, 2007, 68, 2158-2161.	1.9	6
336	Poly[triaquaocta-Î¼-cyano-dicopper(II)molybdate(IV) monohydrate]. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, i30-i32.	0.2	3
337	Poly[[diaquahexa-Î¼-cyanido-dicyanido-di-Î¼-pyrimidine-dimanganese(II)molybdate(IV)] trihydrate]. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, m1220-m1222.	0.2	2
338	Single Crystal of a Prussian Blue Analog based on Rubidium Manganese Hexacyanoferrate. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2007, 633, 1134-1136.	0.6	26
339	Manipulating the Through-Space Spinâ€“Spin Interaction of Organic Radicals in the Confined Cavity of a Self-Assembled Cage. Chemistry - an Asian Journal, 2007, 2, 164-170.	1.7	36
340	Nonlinear magneto-optical effects and photomagnetism of electrochemically synthesized molecule-based magnets. Journal of Solid State Electrochemistry, 2007, 11, 763-772.	1.2	9
341	Photoinduced Magnetization in Copper Octacyanomolybdate. Journal of the American Chemical Society, 2006, 128, 270-277.	6.6	257
342	Charge-transfer phase transition and zero thermal expansion in caesium manganese hexacyanoferrates. Dalton Transactions, 2006, , 5046.	1.6	29

#	Article	IF	Citations
343	Huge thermal hysteresis loop and a hidden stable phase in a charge-transfer phase transition ofRb0.64Mn[Fe(CN)6]0.88â^™1.7H2O. Physical Review B, 2006, 73, .	1.1	52
344	Photoinduced Magnetization with a High Curie Temperature and a Large Coercive Field in a Cyano-Bridged Cobaltâ^'Tungstate Bimetallic Assembly. Journal of the American Chemical Society, 2006, 128, 5320-5321.	6.6	170
345	2D Hydrogen-Bonded Square-Grid Coordination Networks with a Substitution-Active Metal Site. Inorganic Chemistry, 2006, 45, 3976-3982.	1.9	36
346	X-ray Illumination Induced Fe(II) Spin Crossover in the Prussian Blue Analogue Cesium Iron Hexacyanochromate. Journal of the American Chemical Society, 2006, 128, 8358-8363.	6.6	94
347	Crystal Structure and Nonlinear Optical Effect of a Pyroelectric Crystal Composed of a Cyano-Bridged Cuâ^'Mo Assembly. Crystal Growth and Design, 2006, 6, 1736-1737.	1.4	24
348	Crystal Structures of Photo-induced Phase and Rapidly-cooled Phase in Rb0.73Mn[Fe(CN)6]0.91Â·1.4H2O Prussian Blue Analog. Journal of the Physical Society of Japan, 2006, 75, 085004.	0.7	7
349	Synthesis and superparamagnetic property of a Coâ€“Cr Prussian blue analogue nanoparticles inside Nafion membrane. Inorganic Chemistry Communication, 2006, 9, 920-922.	1.8	32
350	A Sodalite-like Framework Based on Octacyanomolybdate and Neodymium with Guest Methanol Molecules and Neodymium Octahydrate Ions. Angewandte Chemie - International Edition, 2006, 45, 3287-3291.	7.2	86
351	Noncollinear spin structure inSmxTb1â^'x[Cr(CN)6]â^™4H2Ohaving orthogonal single-ion anisotropies. Physical Review B, 2006, 73, .	1.1	7
352	Synthesis of Ferromagnetic CsCuCr Prussian Blue Analogue with a Tetragonal Structure. Chemistry Letters, 2005, 34, 1278-1279.	0.7	13
353	Chiral Molecule-Based Magnets. , 2005, , 41-70.		4
354	Light-induced thermal hysteresis and intensity thresholds in molecular switcheable solids, by mean-field macroscopic master equation approach: Discussion of the experimental data obtained for Coâ€“Fe Prussian Blue Analogues. Polyhedron, 2005, 24, 2857-2863.	1.0	40
355	Colored magnetic films composed of cyano-bridged metal assemblies and magneto-optical functionalities. Polyhedron, 2005, 24, 2901-2905.	1.0	10
356	Temperature- and photo-induced phase transition in rubidium manganese hexacyanoferrate. Coordination Chemistry Reviews, 2005, 249, 1830-1840.	9.5	156
357	Enhanced Ferroelectric Properties of Nitrogen-Doped Bi4Ti3O12 Thin Films. Advanced Materials, 2005, 17, 491-494.	11.1	39
358	A Surprisingly Large Thermal Hysteresis Loop in a Reversible Phase Transition of RbxMn [Fe(CN)6](x+2)/3Ã—zH2O.. ChemInform, 2005, 36, no-no.	0.1	0
359	Electrochemical Synthesis, Crystal Structure, and Photomagnetic Properties of a Three-Dimensional Cyano-Bridged Copperâ€"Molybdenum Complex.. ChemInform, 2005, 36, no.	0.1	0
360	Magnetic and Moessbauer Investigation of the Photomagnetic Prussian Blue Analogue Na0.32Co [Fe(CN)6]0.74Ã—3.4H2O: Cooperative Relaxation of the Thermally Quenched State.. ChemInform, 2005, 36, no.	0.1	0

#	Article	IF	Citations
361	Synthesis of Ferromagnetic CsCuCr Prussian Blue Analogue with a Tetragonal Structure.. ChemInform, 2005, 36, no.	0.1	0
362	Electronic states and local structures of the photomagneticCuâˆ'MocyanidesCu2Mo(CN)8âˆ™8H2OandCs0.5Cu1.75Mo(CN)8âˆ™1.5H2Ostudied by x-ray absorption fine structure spectroscopy. Physical Review B, 2005, 72, .	1.1	29
363	Nonlinear optical susceptibilities for magnetization-induced third-harmonic generation. Journal of Applied Physics, 2005, 97, 013906.	1.1	0
364	Spectroscopic investigation of the dynamical behavior of the photoinduced phase transition ofNa0.6Co1.3[Fe(CN)6]âˆ™4H2O. Physical Review B, 2005, 72, .	1.1	16
365	Reorientation Phenomenon in a Magnetic Phase of Îµ-Fe2O3 Nanocrystal. Journal of the Physical Society of Japan, 2005, 74, 1946-1949.	0.7	80
366	Electrochemical Synthesis, Crystal Structure, and Photomagnetic Properties of a Three-Dimensional Cyano-Bridged Copperâˆ'Molybdenum Complex. Journal of the American Chemical Society, 2005, 127, 3864-3869.	6.6	123
367	The dielectric constant in a thermal phase transition magnetic material composed of rubidium manganese hexacyanoferrate observed by spectroscopic ellipsometry. Journal of Materials Chemistry, 2005, 15, 3291.	6.7	41
368	Formation of spherical and rod-shaped Îµ-Fe2O3nanocrystals with a large coercive field. Journal of Materials Chemistry, 2005, 15, 1067-1071.	6.7	83
369	Observation of an Fe(II) Spin-Crossover in a Cesium Iron Hexacyanochromate. Journal of the American Chemical Society, 2005, 127, 8590-8591.	6.6	165
370	Magnetization-induced second- and third-harmonic generation in transparent magnetic films. Journal of the Optical Society of America B: Optical Physics, 2005, 22, 196.	0.9	20
371	Nonlinear Magnetooptical Effects Caused by Piezoelectric Ferromagnetism inF4Ì„3m-type Prussian Blue Analogues. Journal of the American Chemical Society, 2005, 127, 11604-11605.	6.6	113
372	A Surprisingly Large Thermal Hysteresis Loop in a Reversible Phase Transition of RbxMn[Fe(CN)6](x+2)/3Â·zH2O. Chemistry of Materials, 2005, 17, 81-84.	3.2	87
373	Optical switching between bistable phases in rubidium manganese hexacyanoferrate at room temperature. Journal of Applied Physics, 2005, 97, 10M508.	1.1	60
374	Magnetic and MÃ¶ssbauer Investigation of the Photomagnetic Prussian Blue Analogue Na0.32Co[Fe(CN)6]0.74Â·3.4H2O:Â Cooperative Relaxation of the Thermally Quenched State. Journal of Physical Chemistry B, 2005, 109, 8251-8256.	1.2	66
375	The addition effects of alkaline earth ions in the chemical synthesis of Îµ-Fe2O3 nanocrystals that exhibit a huge coercive field. Journal of Applied Physics, 2005, 97, 10K312.	1.1	80
376	Cyano-bridged gadolinium(iii)-tungstate(v) bimetallic assembly with a one-dimensional chain structure. Dalton Transactions, 2005, , 2120.	1.6	74
377	Humidity-induced magnetization and magnetic pole inversion in a cyano-bridged metal assembly. Nature Materials, 2004, 3, 857-861.	13.3	342
378	Giant Coercive Field of Nanometer- Sized Iron Oxide. Advanced Materials, 2004, 16, 48-51.	11.1	308

#	Article	IF	Citations
379	Cooling-Rate Dependent Ferromagnetism in a Two-Dimensional Cyano-Bridged Sm(III)â€"W(V) Complex.. ChemInform, 2004, 35, no.	0.1	0
380	Giant Coercive Field of Nanometer-Sized Iron Oxide.. ChemInform, 2004, 35, no.	0.1	0
381	A Large Thermal Hysteresis Loop Produced by a Charge-Transfer Phase Transition in a Rubidium Manganese Hexacyanoferrate.. ChemInform, 2004, 35, no.	0.1	0
382	Magnetic specific heat of the low-temperature phase of rubidium manganese hexacyanoferrate. Chemical Physics Letters, 2004, 388, 379-383.	1.2	17
383	Cavity-Induced Spinâ^'Spin Interaction between Organic Radicals within a Self-Assembled Coordination Cage. Journal of the American Chemical Society, 2004, 126, 16694-16695.	6.6	90
384	Manganese(II) Octacyanotungstate(V)-Based Magnet Containing a Noncoordinated Aromatic Molecule. Journal of the American Chemical Society, 2004, 126, 5024-5025.	6.6	107
385	A Large Thermal Hysteresis Loop Produced by a Charge-Transfer Phase Transition in a Rubidium Manganese Hexacyanoferrate. Inorganic Chemistry, 2004, 43, 5231-5236.	1.9	150
386	Nonlinear Magneto-Optical Effects of Prussian blue Analog-based Magnet. Transactions of the Magnetics Society of Japan, 2004, 4, 266-271.	0.5	2
387	Thermal phase transition of RbMnFe(CN)6 observed by X-ray emission and absorption spectroscopy. Solid State Communications, 2003, 125, 237-241.	0.9	42
388	The observation of two compensation temperatures in a cobalt-manganese hexacyanochromate. Physica B: Condensed Matter, 2003, 329-333, 691-692.	1.3	25
389	Magnetic, electric, and optical functionalities of (PLZT)x(BiFeO3)1â^'x ferroelectricâ€"ferromagnetic thin films. Journal of Physics and Chemistry of Solids, 2003, 64, 391-397.	1.9	88
390	Cooling-rate Dependent Ferromagnetism in a Two-dimensional Cyano-bridged Sm(III)-W(V) Complex. Journal of Physical Chemistry B, 2003, 107, 11571-11574.	1.2	79
391	Synthesis, Crystal Structures, and Magnetic Properties of Two Cyano-Bridged Tungstate(V)â^'Manganese(II) Bimetallic Magnets. Inorganic Chemistry, 2003, 42, 1848-1856.	1.9	124
392	Photoinduced Magnetization in a Two-Dimensional Cobalt Octacyanotungstate. Journal of the American Chemical Society, 2003, 125, 9240-9241.	6.6	237
393	Two-dimensional metamagnet composed of cyano-bridged CuIIâ€"WVbimetallic assembly. Chemical Communications, 2003, , 2772-2773.	2.2	68
394	Solvatomagnetism-Induced Faraday Effect in a Cobalt Hexacyanochromate-Based Magnet. Journal of the American Chemical Society, 2003, 125, 14590-14595.	6.6	84
395	One-shot-laser-pulse-induced demagnetization in rubidium manganese hexacyanoferrate. Applied Physics Letters, 2003, 82, 1245-1247.	1.5	154
396	Ion-exchange synthesis and magneto-optical spectra of colored magnetic thin films composed of metal(ii) hexacyanochromate(iii). Chemical Communications, 2003, , 1204-1205.	2.2	20

#	Article	IF	Citations
397	Direct Observation of Charge Transfer in Double-Perovskite-LikeRbMn[Fe(CN)6]. Physical Review Letters, 2003, 91, 255502.	2.9	87
398	Magnetization-induced second-harmonic generation in electrochemically synthesized magnetic films of ternary metal Prussian blue analogs. Journal of Applied Physics, 2003, 93, 1371-1375.	1.1	30
399	External magnetic field effect on third-harmonic generation in Bi, Al-doped yttrium iron garnet. Applied Physics Letters, 2003, 82, 3290-3292.	1.5	7
400	Pressure- and photoinduced transformation into a metastable phase inRbMn[Fe(CN)6]. Physical Review B, 2003, 68, .	1.1	85
401	Ferromagnetic Spin-Ordering in Photo-active RbMn[Fe(CN)6]. Journal of the Physical Society of Japan, 2003, 72, 456-457.	0.7	30
402	ãƒ—ãƒ«ã‚·ã‚¢ãƒ³ãƒ—ãƒ«ãƒ¼é¡žä¼¼ä½“ã«ãŠã‘ã‚‹å¼·ç£æ€§ã•2æ¬¡å…‰å¦éžç·šå½¢æ€§ã®å…±å˜. Electrochemistry, 2003, 71, 184-1	0.6	2
403	Photoinduced phase transition ofRbMnFe(CN)6studied by x-ray-absorption fine structure spectroscopy. Physical Review B, 2002, 66, .	1.1	43
404	Photoinduced Faraday effect in a cobalt-iron polycyanide film. Journal of Applied Physics, 2002, 92, 4834-4836.	1.1	27
405	Local structure and electronic state of a photomagnetic material of CoW cyanide studied by x-ray-absorption fine structure spectroscopy. Physical Review B, 2002, 65, .	1.1	41
406	Second Harmonic Generation in Electrochemically Synthesized Films of Ternary Metal Prussian Blue Analogs. Journal of the Electrochemical Society, 2002, 149, E445.	1.3	17
407	Structural Transition Induced by Charge-Transfer in RbMn[Fe(CN)6] â€“Investigation by Synchrotron-Radiation X-ray Powder Analysisâ€“. Journal of the Physical Society of Japan, 2002, 71, 2078-2081.	0.7	59
408	One-Shot-Laser-Pulse-Induced Cooperative Charge Transfer Accompanied by Spin Transition in a Co-Fe Prussian Blue Analog at Room Temperature. Chemistry Letters, 2002, 31, 486-487.	0.7	53
409	Crystal Structure and Magnetic Properties of Two-dimensional Cyanide-bridged Bimetallic Assembly Composed of CsI[MnII(3-cyanopyridine)2{WV(CN)8}]Â·H2O. Chemistry Letters, 2002, 31, 832-833.	0.7	36
410	Observation of Spin Transition in an Octahedrally Coordinated Manganese(II) Compound. Journal of Physical Chemistry B, 2002, 106, 2423-2425.	1.2	125
411	Control of Charge-Transfer-Induced Spin Transition Temperature on Cobaltâˆ'Iron Prussian Blue Analogues. Inorganic Chemistry, 2002, 41, 678-684.	1.9	430
412	New Magnetic Functionalities Presented by Prussian Blue Analogues. Electrochemical Society Interface, 2002, 11, 34-38.	0.3	33
413	Photo-induced magnetization in copper(II) octacyanomolybdate(IV). Synthetic Metals, 2001, 122, 523-527.	2.1	116
414	Visible Light-Induced Reversible Photomagnetism in Copper(II) Octacyanomolybdate(IV). Chemistry Letters, 2001, 30, 312-313.	0.7	48

#	Article	IF	Citations
415	Characterization of relaxed photo-excited magnetized states in prussian-blue analogous magnets. Journal of Synchrotron Radiation, 2001, 8, 913-915.	1.0	7
416	Photo-magnetic and magneto-optical effects of functionalized metal polycyanides. Journal of Photochemistry and Photobiology C: Photochemistry Reviews, 2001, 2, 71-88.	5.6	145
417	A Ferroelectric Ferromagnet Composed of (PLZT)x(BiFeO3)1-x Solid Solution. Advanced Materials, 2001, 13, 487-490.	11.1	182
418	Second harmonic generation from ternary metal Prussian blue analog films in paramagnetic and ferromagnetic regions. Chemical Physics Letters, 2001, 349, 371-375.	1.2	39
419	Design and preparation of a bulk magnet exhibiting an inverted hysteresis loop. Physical Review B, 2001, 64, .	1.1	76
420	Photochromic Behavior Based on Spin Transition on a Cobalt-Iron Polycyanide. Molecular Crystals and Liquid Crystals, 2000, 344, 95-100.	0.3	19
421	Electrochemical Synthesis of High-Tc, Colored, Magnetic Thin Films Composed of Vanadium(II/III)-Chromium(II) Hexacyanochromate(III). Advanced Materials, 2000, 12, 1955-1958.	11.1	45
422	A High-Spin Cyanide-Bridged Mn9W6Cluster (S=39/2) with a Full-Capped Cubane Structure. Journal of the American Chemical Society, 2000, 122, 2952-2953.	6.6	367
423	Crystal Structure and Magnetic Properties of an Octacyanometalate-Based Three-Dimensional Tungstate(V)â^'Manganese(II) Bimetallic Assembly. Inorganic Chemistry, 2000, 39, 5095-5101.	1.9	146
424	Magnetooptical Effects of Room Temperature Molecular-Based Magnetic Films Composed of Vanadium Hexacyanochromates. Journal of Physical Chemistry B, 2000, 104, 9365-9367.	1.2	121
425	Optical Control of Magnetic Properties in Molecule-Based Magnets. Springer Series in Solid-state Sciences, 2000, , 245-270.	0.3	2
426	Theoretical treatment of the mixed ferro-ferrimagnets composed of ternary-metal Prussian blue analogs in a paramagnetic region. Physical Review B, 1999, 60, 12820-12825.	1.1	80
427	Magnetic properties and optical control of electrochemically prepared ironâ€“chromium polycyanides. Journal of Electroanalytical Chemistry, 1999, 473, 245-249.	1.9	80
428	Ferromagnetism of cobalt-chromium polycyanides. Chemical Physics Letters, 1999, 314, 210-214.	1.2	47
429	Electrochemical Methods:Â Analyses of Structures and Determination of Properties of the Cobaltadithiolene Derivatives [CpCoX(S2C2(COOMe)2)(CHR1R2)] (X = Cl, Br, and I). Organometallics, 1999, 18, 4032-4039.	1.1	11
430	Design and Preparation of a Novel Magnet Exhibiting Two Compensation Temperatures Based on Molecular Field Theory. Physical Review Letters, 1999, 82, 1285-1288.	2.9	321
431	Design of a Novel Magnet Exhibiting Photoinduced Magnetic Pole Inversion Based on Molecular Field Theory. Journal of the American Chemical Society, 1999, 121, 10591-10597.	6.6	168
432	Reactions of Alkylidene-Bridged Cobaltadithiolene Complexes with Lewis Bases. Formation of Mâ^'S Sulfur Ylide Structure. Organometallics, 1999, 18, 2843-2850.	1.1	12

#	Article	IF	Citations
433	Synthesis and Magnetic Properties of a New Prussian Blue Analog Composed of K0.9MnII1.05[MoI(CN)5(NO)]Â·5H2OÂ·1.9MeOH. Chemistry Letters, 1999, 28, 907-908.	0.7	7
434	Transparent and Colored Magnetic Thin Films:Â (FeIIxCrII1-x)1.5[CrIII(CN)6]. Journal of the American Chemical Society, 1998, 120, 5349-5350.	6.6	150
435	External Magnetic Field Effect on the Photoinduced Magnetization in a Cobalt Iron Cyanide. Chemistry Letters, 1998, 27, 585-586.	0.7	14
436	Tuning of Superexchange Couplings in a Molecule-Based Ferroferrimagnet:Â (NiIIxMnII1-x)1.5[CrIII(CN)6]. Inorganic Chemistry, 1997, 36, 268-269.	1.9	56
437	Magnetic properties of mixed ferro-ferrimagnets composed of Prussian blue analogs. Physical Review B, 1997, 56, 11642-11652.	1.1	270
438	Photoinduced magnetic pole inversion in a ferroâ€“ferrimagnet: (Fe0.40IIMn0.60II)1.5CrIII(CN)6. Applied Physics Letters, 1997, 70, 1040-1042.	1.5	237
439	Photodissociation of Bis(S-benzyl-1,2-diphenyl-1,2-ethylenedithiolato)metal (Ni, Pd, Pt) Complexes. Inorganic Chemistry, 1996, 35, 4569-4574.	1.9	23
440	A time-resolved electron nuclear double resonance (ENDOR) study of the photo-excited triplet state. Chemical Physics Letters, 1994, 224, 313-318.	1.2	20
441	Oxygen-Dependent Photoreactions of 3-SubstitutedN-Methylpyridinium in Methanol. Chemistry Letters, 1992, 21, 715-718.	0.7	2
442	Direct observations of the intermediate species in the photodissociation of bis(S-benzyl-1,2-diphenyl-1,2-ethylenedithiolato) nickel by time-resolved EPR and UV-visible absorption spectroscopy. Inorganic Chemistry, 1992, 31, 3873-3874.	1.9	17
443	Easy Axis Spin-Flop in Îµ-Phase In-Doped Iron (III) Oxide Nanowires. Solid State Phenomena, 0, 233-234, 558-561.	0.3	0