

# Katsuya Inoue

## List of Publications by Citations

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#	Paper	IF	Citations
397	Chiral magnetic soliton lattice on a chiral helimagnet. <i>Physical Review Letters</i> , <b>2012</b> , 108, 107202	7.4	311
396	Assemblage and Alignment of the Spins of the Organic Trinitroxide Radical with a Quartet Ground State by Means of Complexation with Magnetic Metal Ions. A Molecule-Based Magnet with Three-Dimensional Structure and High TC of 46 K. <i>Journal of the American Chemical Society</i> , <b>1996</b> , 118, 1803-1804	16.4	286
395	Anionic NaCl-type frameworks of [Mn(II)(HCOO)(3)(-)], templated by alkylammonium, exhibit weak ferromagnetism. <i>Dalton Transactions</i> , <b>2004</b> , 2209-16	4.3	220
394	A Three-Dimensional Ferrimagnet with a High Magnetic Transition Temperature (T) of 53 K Based on a Chiral Molecule. <i>Angewandte Chemie - International Edition</i> , <b>2001</b> , 40, 4242-4245	16.4	214
393	Structure and magnetic properties of a chiral two-dimensional ferrimagnet with TC of 38 K. <i>Angewandte Chemie - International Edition</i> , <b>2003</b> , 42, 4810-3	16.4	184
392	Ferro- and Ferrimagnetic Ordering in a Two-Dimensional Network Formed by Manganese(II) and 1,3,5-Tris[p-(N-tert-butyl-N-oxyamino)phenyl]benzene. <i>Journal of the American Chemical Society</i> , <b>1994</b> , 116, 3173-3174	16.4	175
391	A Chiral Molecular Based Metamagnet Prepared from Manganese Ions and a Chiral Triplet Organic Radical as a Bridging Ligand. <i>Angewandte Chemie - International Edition</i> , <b>1999</b> , 38, 1601-1603	16.4	168
390	Occurrence of a rare 4(9).6(6) structural topology, chirality, and weak ferromagnetism in the [NH4][MII(HCOO)3] (M = Mn, Co, Ni) frameworks. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 437-45	5.1	149
389	Knotted network consisting of 3-threads and a zwitterionic one-dimensional polymorphs of trans-3-(3-pyridyl)acrylate of cobalt and nickel, MII(C8H6NO2)2(H2O)2. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 217-24	5.1	145
388	Three-dimensional chiral molecule-based ferrimagnet with triple-helical-strand structure. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 5618-21	16.4	139
387	High-spin polynitroxide radicals as versatile bridging ligands for transition metal complexes with high ferri/ferromagnetic Tc. <i>Pure and Applied Chemistry</i> , <b>1996</b> , 68, 243-252	2.1	138
386	Photo-induced spin transition of Iron(III) compounds with pi-pi intermolecular interactions. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 3497-508	4.8	137
385	Synthesis, Structure and Magnetic Properties of Chiral Molecule-Based Magnets. <i>Progress of Theoretical Physics Supplement</i> , <b>2005</b> , 159, 82-95		136
384	Reverse spin transition triggered by a structural phase transition. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 4899-903	16.4	126
383	Impact of diradical character on two-photon absorption: bis(acridine) dimers synthesized from an allenic precursor. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 232-41	16.4	124
382	Design, Synthesis, and Characterization of Three Kinds of .pi.-Cross-Conjugated Hexacarbenes with High-Spin (S = 6) Ground States. <i>Journal of the American Chemical Society</i> , <b>1995</b> , 117, 5550-5560	16.4	120
381	Metal-organic frameworks from homometallic chains of nickel(II) and 1,4-cyclohexanedicarboxylate connectors: ferrimagnet-ferromagnet transformation. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 1627-37	5.1	117

380	Four-stage amphoteric redox properties and biradicaloid character of tetra-tert-butylidicyclopenta[b;d]thieno[1,2,3-cd;5,6,7-c'd']diphenalene. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 6474-9	16.4	112
379	Dinuclear Cobalt(II) Complexes of an Acyclic Phenol-Based Dinucleating Ligand with Four Methoxyethyl Chelating Arms [First Magnetic Analyses in an Axially Distorted Octahedral Field. <i>European Journal of Inorganic Chemistry</i> , <b>2001</b> , 2001, 2027-2032	2.3	107
378	4,6-Dimethoxy-1,3-phenylenebis(N-tert-butyl nitroxide) with a singlet ground state. Formal violation of a rule that m-phenylene serves as a robust ferromagnetic coupling unit. <i>Journal of the American Chemical Society</i> , <b>1993</b> , 115, 847-850	16.4	106
377	Molecular rotor of Cs <sub>2</sub> ([18]crown-6) <sub>3</sub> in the solid state coupled with the magnetism of [Ni(dmit) <sub>2</sub> ]. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 4397-402	16.4	102
376	Interlayer magnetoresistance due to chiral soliton lattice formation in hexagonal chiral magnet CrNb <sub>3</sub> S <sub>6</sub> . <i>Physical Review Letters</i> , <b>2013</b> , 111, 197204	7.4	96
375	Symmetry, Structure, and Dynamics of Monoaxial Chiral Magnets. <i>Journal of the Physical Society of Japan</i> , <b>2016</b> , 85, 112001	1.5	91
374	Exchange Interactions between Two Nitronyl Nitroxide or Iminyl Nitroxide Radicals Attached to Thiophene and 2,2'-Bithienyl Rings. <i>Journal of the American Chemical Society</i> , <b>1995</b> , 117, 2467-2478	16.4	90
373	Electronic structure of the quasi-one-dimensional halogen-bridged Ni complexes. <i>Physical Review B</i> , <b>1996</b> , 54, 8438-8445	3.3	90
372	Chiral Surface Twists and Skyrmion Stability in Nanolayers of Cubic Helimagnets. <i>Physical Review Letters</i> , <b>2016</b> , 117, 087202	7.4	88
371	Field-induced ferrimagnetic state in a molecule-based magnet consisting of a Co(II) ion and a chiral triplet Bis(nitroxide) radical. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 9902-9	16.4	88
370	Metal-complex assemblies constructed from the flexible hinge-like ligand H <sub>2</sub> bhnq: structural versatility and dynamic behavior in the solid state. <i>Chemistry - A European Journal</i> , <b>2004</b> , 10, 2647-60	4.8	86
369	Persistent 1,3,5-benzenetriyltris(N-tert-butyl nitroxide) and its analogs with quartet ground states. Intramolecular triangular exchange coupling among three nitroxide radical centers. <i>The Journal of Physical Chemistry</i> , <b>1993</b> , 97, 13267-13272		84
368	Synthesis and characterization of a branched-chain hexacarbene in a tridecet ground state. An approach to superparamagnetic polycarbenes. <i>Journal of the American Chemical Society</i> , <b>1992</b> , 114, 1484-1485	16.4	78
367	Exchange Interaction in Metal-Radical Systems: Chloro(meso-tetraphenylporphyrinato)chromium(III)'s and (Hexafluoroacetylacetonato)manganese(II) Ligated with 3- and 4-(2-Oxo-1,2,3,4-tetrahydropyridin-5-yl)phenyl. <i>Journal of the American Chemical Society</i> , <b>1991</b> , 113, 1019-1019	5.1	77
366	2-[p(N-tert-butyl-N-oxyamino)phenyl]-4,4,5,5-tetramethyl-4,5-dihydroimidazol-3-oxide-1-oxyl, a Stable Diradical with a Triplet Ground State. <i>Angewandte Chemie International Edition in English</i> , <b>1995</b> , 34, 927-928		77
365	A Branched-Chain Nonacarbene with a Nonadecet Ground State: A Step Nearer to Superparamagnetic Polycarbenes. <i>Angewandte Chemie International Edition in English</i> , <b>1993</b> , 32, 872-874		77
364	Guest-Induced Chirality in the Ferrimagnetic Nanoporous Diamond Framework Mn <sub>3</sub> (HCOO) <sub>6</sub> . <i>Advanced Functional Materials</i> , <b>2007</b> , 17, 577-584	15.6	75
363	Magnetic soliton confinement and discretization effects arising from macroscopic coherence in a chiral spin soliton lattice. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	72

- 362 A Photoinduced Spin Transition Iron(II) Complex with Liquid-Crystal Properties. *Advanced Materials*, **2004**, 16, 869-872 24 71
- 361 Dynamic structural conversion in a spin-crossover cobalt(ii) compound with long alkyl chains. *Chemical Communications*, **2008**, 6510-2 5.8 70
- 360 Tacticity versus dimension of the extended structures in the crystals of heterospin magnets made of transition-metal complexes with the poly(aminoxyl) radical. *New Journal of Chemistry*, **1998**, 22, 201-210 3.6 68
- 359 Approach to a single-component ferrimagnetism by organic radical crystals. *Journal of the American Chemical Society*, **2001**, 123, 7921-2 16.4 68
- 358 Spin transition at the mesophase transition temperature in a cobalt(II) compound with branched alkyl chains. *Inorganic Chemistry*, **2007**, 46, 7692-4 5.1 64
- 357 1-D cobalt(II) spin transition compound with strong interchain interaction: [Co(pyterpy)Cl(2)].X. *Inorganic Chemistry*, **2004**, 43, 4124-6 5.1 62
- 356 Chiral helimagnetism in T1/3NbS2 (T=Cr and Mn). *Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment*, **2009**, 600, 250-253<sup>1,2</sup> 60
- 355 Magnetic properties of the crystals of p-(1-oxyl-3-oxido-4,4,5,5-tetramethyl-2-imidazolin-2-yl)benzoic acid and its alkali metal salts. *Chemical Physics Letters*, **1993**, 207, 551-554 2.5 60
- 354 Hydrothermal synthesis and characterization of a new 3D-network containing the versatile cis,cis-cyclohexane-1,3,5-tricarboxylate. *Journal of Materials Chemistry*, **2001**, 11, 2146-2151 57
- 353 Magnetic properties of low-dimensional quantum spin systems made of stable organic biradicals PNNNO, F2PNNNO, and PIMNO. *Physical Review B*, **1999**, 60, 12924-12932 3.3 55
- 352 Design and Synthesis of a Starburst-Type Nonadiazole Compound and Magnetic Characterization of Its Photoproduct. *Chemistry - A European Journal*, **1996**, 2, 259-264 4.8 50
- 351 Toward Dendritic Two-Dimensional Polycarbenes: Syntheses of Starburst-Type Nona- and Dodecadiazole Compounds and Magnetic Study of Their Photoproducts. *Bulletin of the Chemical Society of Japan*, **1996**, 69, 1483-1494 5.1 49
- 350 Design of novel inorganic-organic hybrid materials based on iron-chloranilate mononuclear complexes: characteristics of hydrogen-bond-supported layers toward the intercalation of guests. *Journal of the American Chemical Society*, **2003**, 125, 221-32 16.4 48
- 349 On the nature of the structural and magnetic phase transitions in the layered perovskite-like (CH3NH3)2[Fe(II)Cl4]. *Inorganic Chemistry*, **2014**, 53, 2068-75 5.1 46
- 348 Photoinduced spin transition for Iron(II) compounds with liquid-crystal properties. *Inorganic Chemistry*, **2007**, 46, 1789-94 5.1 46
- 347 An approach to organic ferromagnets. Synthesis and characterization of 1-phenyl-1,3-butadiene polymers having a persistent nitroxide group on the phenyl ring. *Journal of the American Chemical Society*, **1991**, 113, 9803-9810 16.4 46
- 346 Dual association modes of the 2,5,8-tris(pentafluorophenyl)phenalenyl radical. *Chemistry - an Asian Journal*, **2014**, 9, 1823-9 4.5 45
- 345 Chiral Effects on Magnetic Properties for Chiral and Racemic WVI Prussian Blue Analogues. *Chemistry Letters*, **2007**, 36, 1022-1023 1.7 45

344	Metal-organic frameworks from copper dimers with cis- and trans-1,4-cyclohexanedicarboxylate and cis,cis-1,3,5-cyclohexanetricarboxylate. <i>Inorganic Chemistry</i> , <b>2007</b> , 46, 5949-56	5.1	44
343	Hydrothermal synthesis, structure and magnetism of square-grid cobalt(II)-carboxylate layered compounds with and without pillars. <i>Dalton Transactions RSC</i> , <b>2002</b> , 3442-3446		43
342	Large second-harmonic generation coefficients of bis(benzylidene) cycloalkanones estimated by the second-harmonic wave generated with the evanescent wave technique. <i>Chemical Physics Letters</i> , <b>1996</b> , 249, 29-34	2.5	43
341	Phase diagram of the chiral magnet Cr <sub>1/3</sub> NbS <sub>2</sub> in a magnetic field. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	42
340	Giant nonlinear magnetic response in a molecule-based magnet. <i>Physical Review B</i> , <b>2009</b> , 79,	3.3	41
339	Spontaneous magnetization in a 2:3 complex formed by 3,4,5-tris(N-oxy-tert-butylamino)biphenyl and manganese(II)bis(hexafluoroacetylacetonate). <i>Advanced Materials</i> , <b>1996</b> , 8, 73-76	24	41
338	Tetrathiafulvalene [FeIII(C <sub>2</sub> O <sub>4</sub> )Cl <sub>2</sub> ]: An Organic/Inorganic Hybrid Exhibiting Canted Antiferromagnetism. <i>Advanced Materials</i> , <b>2005</b> , 17, 1988-1991	24	40
337	On the nature of the reversibility of hydration-dehydration on the crystal structure and magnetism of the ferrimagnet [MnII(enH)(H <sub>2</sub> O)][CrIII(CN) <sub>6</sub> ].H <sub>2</sub> O. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 267-76	5.1	39
336	Molecular paramagnetic semiconductor: crystal structures and magnetic and conducting properties of the Ni(dmit) <sub>2</sub> salts of 6-oxoverdazyl radical cations (dmit = 1,3-dithiol-2-thione-4,5-dithiolate). <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 566-76	5.1	39
335	High magnetic hardness for the canted antiferromagnetic, ferroelectric, and ferroelastic layered perovskite-like (C <sub>2</sub> H <sub>5</sub> NH <sub>3</sub> ) <sub>2</sub> [Fe(II)Cl <sub>4</sub> ]. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 2866-74	5.1	38
334	Stabilization of long-lived metastable state in long alkylated spin-crossover cobalt(II) compound. <i>Inorganic Chemistry</i> , <b>2010</b> , 49, 1428-32	5.1	38
333	Singlet Ground States in an Organic S=1/2 Spin Ladder and a Novel Double Spin Chain of Ferromagnetic Dimers Formed by an Organic Tetradical. <i>Journal of the Physical Society of Japan</i> , <b>2000</b> , 69, 1008-1011	1.5	38
332	Chiral Soliton Lattice Formation in Monoaxial Helimagnet Yb(Ni <sub>1-x</sub> Cu <sub>x</sub> ) <sub>3</sub> Al <sub>9</sub> . <i>Journal of the Physical Society of Japan</i> , <b>2017</b> , 86, 124702	1.5	37
331	Magnetic properties of Cr-intercalated TiSe <sub>2</sub> . <i>Journal of Alloys and Compounds</i> , <b>2001</b> , 320, 13-17	5.7	37
330	Structure and Magnetic Property of the Organic Triradical with Triazine Skeleton; 2,4,6-Tris{p-(N-oxy-N-tert-butylamino)phenyl}triazine. <i>Chemistry Letters</i> , <b>1999</b> , 28, 545-546	1.7	37
329	Discrete Change in Magnetization by Chiral Soliton Lattice Formation in the Chiral Magnet Cr <sub>1/3</sub> NbS <sub>2</sub> . <i>Journal of the Physical Society of Japan</i> , <b>2016</b> , 85, 013707	1.5	36
328	Hydrothermal synthesis, crystal structure and characterization of a new hexanuclear cobalt(II) complex comprised of octahedral and tetrahedral cobalt ions. <i>Polyhedron</i> , <b>2003</b> , 22, 1917-1920	2.7	36
327	The effect of carbon chain length of the diphosphine ligand on the aurophilic interaction. Synthesis and X-ray structural study for a series of Au(I) compounds with Ph <sub>2</sub> PBBPh <sub>2</sub> and S-(CH <sub>2</sub> ) <sub>n</sub> -py ligands. <i>Journal of Organometallic Chemistry</i> , <b>2005</b> , 690, 57-68	2.3	36

- 326 One-dimensional ferro- and ferri-magnetic chains made of an alternating array of 1,3-bis(N-tert-butyl-N-oxyamino)benzene and MnII(hfac)2(Hhfac = hexafluoroacetylacetonate). *Journal of the Chemical Society Chemical Communications*, **1994**, 2273 36
- 325 Two New Sandwich-Type Manganese {Mn5}-Substituted Polyoxotungstates: Syntheses, Crystal Structures, Electrochemistry, and Magnetic Properties. *Inorganic Chemistry*, **2017**, 56, 8759-8767 5.1 34
- 324 Magnetic solitons and magnetic phase diagram of the hexagonal chiral crystal CrNb3S6 in oblique magnetic fields. *Physical Review B*, **2017**, 96, 3.3 34
- 323 Self-Organized Metallo-Helicates and -Ladder with 2,2'-Biphenyldicarboxylate (C14H8O4)2-: Synthesis, Crystal Structures, and Magnetic Properties. *Bulletin of the Chemical Society of Japan*, **2002**, 75, 1283-1289 5.1 33
- 322 Cholesterol induces apoptosis of cerebellar neuronal cells. *Biochemical and Biophysical Research Communications*, **1999**, 256, 198-203 3.4 33
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- 320 Hybrid organic-inorganic conductor with a magnetic chain anion: kappa-BETS2[Fe(III)(C2O4)Cl2] [BETS = bis(ethylenedithio)tetraselenafulvalene]. *Inorganic Chemistry*, **2006**, 45, 3275-80 5.1 31
- 319 Structure and properties of novel M(dmit)2 salts with the Me3N+-TEMPO cation radical (Me3N+-TEMPO = N,N,N-trimethyl(1-oxyl-2,2,6,6-tetramethylpiperidin-4-yl)ammonium). *Journal of Materials Chemistry*, **2001**, 11, 337-345 31
- 318 Homogeneous and heterogeneous nucleation of skyrmions in thin layers of cubic helimagnets. *Physical Review B*, **2018**, 98, 3.3 30
- 317 Electrical network of single-crystalline metal oxide nanoclusters wired by  $\pi$  molecules. *Angewandte Chemie - International Edition*, **2014**, 53, 11228-31 16.4 30
- 316 Spin-crossover cobalt(II) compound with banana-shaped structure. *Inorganic Chemistry*, **2005**, 44, 7295-7 5.1 30
- 315 Spin-Crossover Behaviors of Iron(III) Compounds with Strong Intermolecular Interactions. *Bulletin of the Chemical Society of Japan*, **2006**, 79, 442-450 5.1 30
- 314 Hydrothermal synthesis and characterization of a two-dimensional nickel(II) complex containing benzenehexacarboxylic acid (mellitic acid). *Inorganica Chimica Acta*, **2002**, 332, 176-180 2.7 30
- 313 Synthesis and magnetic properties of one-dimensional ferro- and ferrimagnetic chains made up of an alternating array of 1,3-bis(N-tert-butyl-N-oxyamino)benzene derivatives and Mn(II)(hfac)2. *Coordination Chemistry Reviews*, **2000**, 198, 219-229 23.2 30
- 312 Molecular photoconductor with simultaneously photocontrollable localized spins. *Journal of the American Chemical Society*, **2012**, 134, 18656-66 16.4 29
- 311 Consecutive irreversible single-crystal to single-crystal and reversible single-crystal to glass transformations and associated magnetism of the coordination polymer, [Mn(II)(rac-pnH)(H2O)Cr(III)(CN)(6)].H2O. *Inorganic Chemistry*, **2009**, 48, 10726-36 5.1 29
- 310 Reverse Spin Transition Triggered by a Structural Phase Transition. *Angewandte Chemie*, **2005**, 117, 4977-4981 3.4 29
- 309 Collective resonant dynamics of the chiral spin soliton lattice in a monoaxial chiral magnetic crystal. *Physical Review B*, **2017**, 95, 3.3 28

308	A Honeycomb Network of a Paddlewheel-type Dirhodium Complex in Two Oxidation States and Pinning of the Oxidation States. <i>Chemistry Letters</i> , <b>2003</b> , 32, 120-121	1.7	28
307	2D molecular square grid of Cobalt(II) with tridentate phenylglycinate and mandelate: structure and magnetism. <i>Journal of Physics and Chemistry of Solids</i> , <b>2004</b> , 65, 55-60	3.9	28
306	A Chiral Prussian Blue Analogue Pushes Magneto-Chiral Dichroism Limits. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 20022-20025	16.4	28
305	Coupling of Magnetic and Elastic Domains in the Organic-Inorganic Layered Perovskite-Like (C H C H NH ) Fe Cl Crystal. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 9367-9370	16.4	27
304	Magnetic hysteresis in a molecular Ising ferrimagnet: Glauber dynamics approach. <i>European Physical Journal B</i> , <b>2009</b> , 70, 369-375	1.2	27
303	Spin-crossover iron(II) compounds with liquid-crystal properties. <i>Polyhedron</i> , <b>2007</b> , 26, 2375-2380	2.7	27
302	Spin solitons and spin waves in chiral and racemic molecular based ferrimagnets. <i>Physical Review B</i> , <b>2008</b> , 77,	3.3	27
301	Structures and Magnetic Properties of a New Cobalt(II) Linear Trimer with Phenylcinnamic Acid. <i>Chemistry Letters</i> , <b>2004</b> , 33, 402-403	1.7	27
300	Occurrence of the Spin-crossover Phenomenon of Assembled Complexes, Fe(NCX) <sub>2</sub> (bpa) <sub>2</sub> (X = S, BH <sub>3</sub> ; bpa = 1,2-Bis(4-pyridyl)ethane) by Enclathrating Organic Guest Molecule. <i>Chemistry Letters</i> , <b>2006</b> , 35, 1042-1043	1.7	26
299	Specific heat study of an S = 1/2 alternating Heisenberg chain system: F5PNN in a magnetic field. <i>Physical Review Letters</i> , <b>2005</b> , 94, 037203	7.4	26
298	Manganese(II) complexes of an acyclic phenol-based dinucleating ligand with four methoxyethyl chelating arms: synthesis, structure, magnetism and electrochemistry. <i>Inorganica Chimica Acta</i> , <b>2000</b> , 310, 163-168	2.7	26
297	Incommensurate-commensurate transitions in the monoaxial chiral helimagnet driven by the magnetic field. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	25
296	Crystallographic Chirality of CsCuCl <sub>3</sub> Probed by Resonant Circularly-Polarized Hard X-ray Diffraction. <i>Journal of the Physical Society of Japan</i> , <b>2009</b> , 78, 123601	1.5	25
295	Observation of a magnetization plateau of in a novel double-spin chain of ferromagnetic dimers formed by organic tetradicals. <i>Physica B: Condensed Matter</i> , <b>2001</b> , 294-295, 43-46	2.8	25
294	Synthesis and Magnetic Properties of Binuclear Iron(III) Complexes Containing Photoisomerization Ligand. <i>Chemistry Letters</i> , <b>1998</b> , 27, 987-988	1.7	25
293	Structures and Magnetic Properties of Bis(hexafluoroacetylacetonato)manganese(II) Ligated with N-[3- and 4-(N-tert-Butyl-N-oxyaminophenyl)]imidazole. <i>Chemistry Letters</i> , <b>1994</b> , 23, 1693-1696	1.7	25
292	Synthesis, Crystal Structures, and Properties of Molecular Squares Displaying Hydrogen and $\pi$ Bonded Networks. <i>Crystal Growth and Design</i> , <b>2009</b> , 9, 2734-2741	3.5	24
291	Chiral Magnetic Ordering and Commensurate-to-Incommensurate Transition in Cu <sub>2</sub> B <sub>2</sub> O <sub>4</sub> . <i>Journal of the Physical Society of Japan</i> , <b>2007</b> , 76, 123709	1.5	24

290	A Three-Dimensional Ferrimagnet with a High Magnetic Transition Temperature (TC) of 53 K Based on a Chiral Molecule. <i>Angewandte Chemie</i> , <b>2001</b> , 113, 4372-4375	3.6	24
289	Novel layered structures constructed from iron $\pi$ chloranilate compounds. <i>Coordination Chemistry Reviews</i> , <b>2000</b> , 198, 157-169	23.2	24
288	Study of the magnetization and magnetic anisotropy of the metal-radical complex of bis(hexafluoroacetylacetonato)manganese(II) with a trisnitroxide radical. <i>Journal of Physics Condensed Matter</i> , <b>1998</b> , 10, 2323-2337	1.8	24
287	Ferroelectric Behavior of a Hexamethylenetetramine-Based Molecular Perovskite Structure. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 9184-9187	16.4	23
286	Novel 2D Interpenetrated Structure and Occurrence of the Spin-crossover Phenomena of Assembled Complexes, Fe(NCX) <sub>2</sub> (bpp) <sub>2</sub> (X = S, Se, BH <sub>3</sub> ; bpp = 1,3-Bis(4-pyridyl)propane). <i>Chemistry Letters</i> , <b>2007</b> , 36, 1064-1065	1.7	23
285	Structural and magnetic investigations for the doping effect of nonmagnetic impurity on the spin-Peierls-like transition in a quasi-one-dimensional magnet: 1-(4'-nitrobenzyl)pyridinium bis(maleonitriledithiolato)nickelate. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 7671-7	3.4	23
284	Genuine organic magnetic semiconductors: electrical and magnetic properties of the TCNQ and iodide salts of methylpyridinium-substituted verdazyl radicals. <i>Journal of Materials Chemistry</i> , <b>2003</b> , 13, 1614		23
283	Geometrical protection of topological magnetic solitons in microprocessed chiral magnets. <i>Physical Review B</i> , <b>2018</b> , 97,	3.3	22
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13	Magnetic Properties of Cs <sup>+</sup> and (CH <sub>3</sub> ) <sub>4</sub> N <sup>+</sup> Salts of TCNQ. <i>Molecular Crystals and Liquid Crystals</i> , <b>2002</b> , 376, 507-512	0.5
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