Yukinari Sunatsuki

List of Publications by Year
in descending order

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101	3,094	186254	168376
papers	citations	28 h-index	53 g-index

103	103	103	2481
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Field-induced single-ion magnet behaviors in 1-dimensionally assembled tetrahedral cobalt(II) complexes with halide donors. Inorganica Chimica Acta, 2022, 529, 120667.	2.4	3
2	Synthesis of Nilotinin M3: An Ellagitannin Containing an Isodehydrodigalloyl Group. Synthesis, 2021, 53, 3630-3638.	2.3	1
3	Versatility of coordination modes of Nâ€™-(pyridin-2-ylmethylene)picolinoylhydrazidate in the mononuclear cobalt(III) and polynuclear cobalt(II) complexes. Inorganica Chimica Acta, 2021, 525, 120464.	2.4	2
4	Synthesis and magnetic properties of tetrahedral tetranuclear iron(II) complexes with bis(bidentate)-type Schiff bases containing imidazole groups. Inorganica Chimica Acta, 2020, 502, 119373.	2.4	7
5	Transition-metal(<scp>ii</scp>) complexes with a tripodal hexadentate ligand, 1,1,1-tris[2-aza-3-(imidazol-4-yl)prop-2-enyl]ethane, exhibiting incomplete total or absolute spontaneous resolution. CrystEngComm, 2020, 22, 458-466.	2.6	4
6	Iron(II) Complexes Having Dinuclear Mesocate or Octanuclear Bicapped Trigonal Prism Structures Dependent on the Rigidity of Bis(bidentate) Schiff Base Ligands Containing Imidazole Groups. Bulletin of the Chemical Society of Japan, 2020, 93, 427-437.	3.2	2
7	Zero-field slow relaxation of magnetization in cobalt(<scp>ii</scp>) single-ion magnets: suppression of quantum tunneling of magnetization by tailoring the intermolecular magnetic coupling. RSC Advances, 2020, 10, 43472-43479.	3.6	11
8	Tetra- and dinuclear manganese complexes of xanthene-bridged O,N,O-Schiff bases with 3-hydroxypropyl or 2-hydroxybenzyl groups: ligand substitution at a triply bridging site. Dalton Transactions, 2019, 48, 13622-13629.	3.3	0
9	Hydrogen-bonding interactions and magnetic relaxation dynamics in tetracoordinated cobalt(<scp>ii</scp>) single-ion magnets. Dalton Transactions, 2019, 48, 395-399.	3.3	30
10	Schiff Base Ligands Derived from l -Histidine Methyl Ester: Characterization, Racemization, and Dimerization of Their Transition-Metal Complexes. European Journal of Inorganic Chemistry, 2018, 2018, 1733-1742.	2.0	4
11	trans-Dichloridotetrakis(pyridine-Î¹κN)rhodium(III) chloride methanol tetrasolvate. IUCrData, 2018, 3, .	0.3	0
12	Circular and Chainlike Copper(II)â€“Lanthanide(III) Complexes Generated by Assembly Reactions of Racemic and Chiral Copper(II) Cross-Linking Ligand Complexes with Ln^{III}(NO₃)₃Â·6H₂O (Ln^{III} = Gd^{III},) Tj ETQq0 0 0 rgBT /Ove	4.0	21
13	Polymorphs of spin-crossover iron(II) complex fac-[FeII(HL-Pr)3]ClÂ·PF6 (HL-Pr=) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 267 Td (2 spin-crossover properties with thermal hysteresis. Polyhedron, 2017, 136, 13-22.	2.2	9
14	Preparation, structures and properties of manganese complexes containing amineâ€“(amido or) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	2.4	8
15	Binuclear tetra-acetate bridged Gd(III) complex [Gd2(Î¼2-O2CMe)4(H2L)2](ClO4)2Â·2H2OÂ·2MeOH (H2L =) Tj ETQq1 1 0.784314 rgB properties. Inorganica Chimica Acta, 2016, 443, 274-278.	2.4	4
16	Thyminato-bridged cyclic tetranuclear rhodium(III) complexes containing a sodium, calcium or lanthanoid ion as a template metal core. Inorganica Chimica Acta, 2016, 452, 205-213.	2.4	9
17	Luminescent DyIII single ion magnets with same N6O3 donor atoms but different donor atom arrangements, â€˜facâ€™-[DyIII(HLDL-ala)3]Â·8H2O and â€˜merâ€™-[DyIII(HLDL-phe)3]Â·7H2O. Polyhedron, 2016, 109, 120-128.	2.4	5
18	Synthesis, hydrogen-bonded 1D structure, and abrupt spin transition between high-spin (HS) and an ordered [HSâ€“HSâ€“HSâ€“LS] of a mononuclear iron(III) complex [FeIII(Him)2(4-MeOhapen)]CF3SO3 (Him=imidazole, 4-MeOhapen=N,Nâ€²-bis(2-oxy-4-methoxyacetophenylidene)ethylenediamine). Inorganica Chimica Acta, 2016, 439, 49-54.	2.4	4

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19	Oxidation and Deprotonation of a Ruthenium(II) Complex with Quinoline-2-carbaldehyde (Pyridine-2-carbonyl)hydrazone and Formation of Hydrazonato-Bridged Heterodimetallic Complexes. Bulletin of the Chemical Society of Japan, 2015, 88, 480-489.	3.2	6
20	Abrupt Spin Transition and Chiral Hydrogen-Bonded One-Dimensional Structure of Iron(III) Complex [FeIII(Him)2(hapen)]SbF6 (Him = imidazole, H2hapen =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 697 Td (N,Nâ€²-bis(2-hydroxyacetopheny	2.4	4
21	Palladium(<scp>ii</scp>) mononuclear and palladium(<scp>ii</scp>)/ruthenium(<scp>ii</scp>) heterodinuclear complexes containing 2-quinolyl-substituted (pyridine-2-carbonyl)hydrazone. Dalton Transactions, 2015, 44, 15757-15760.	3.3	7
22	Scan Rate Dependent Spin Crossover Iron(II) Complex with Two Different Relaxations and Thermal Hysteresis fac-[Fe^{II}(HL^{n-Pr})₃]ClÂ·PF₆ (HL^{n-Pr} = 2-Methylimidazol-4-yl-methylideneamino-n-propyl). Inorganic Chemistry, 2015, 54, 7291-7300.	4.0	26
23	Hydrogen-bonded 2D network structure and abrupt spin transition with thermal hysteresis of iron(III) complexes [FeIII(Him)2(3-MeOsalen)]Â·H2OÂ·EtOHÂ·X (Him=imidazole,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 582 Td (3-MeO	2.4	6
24	Chimica Acta, 2015, 429, 93-98. Synthesis, structure, and spin equilibrium properties of [Fe III X 2 L]BPh 4 â‹…solvents (X =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td	2.4	2
25	Inorganica Chimica Acta, 2015, 430, 239-244. Syntheses, hydrogen-bonded assembly structures, and spin crossover properties of	2.4	7
26	Acta, 2015, 432, 89-95. Thyminate(2â¯)-bridged cyclic tetranuclear rhodium(<scp>iii</scp>) complexes formed by a template of a sodium, calcium or lanthanoid ion. Chemical Communications, 2015, 51, 1889-1892.	4.1	17
27	Molecular structure and spectroscopic properties of [Co(Me2dtc)2{(Ph2PO)2BF2}] (Me2dtc) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	2.4	2
28	Abrupt Spin Transition with Thermal Hysteresis of Iron(III) Complex [Fe^{III}(Him)₂(hapen)]AsF₆ (Him = Imidazole, H₂hapen =) Tj ETQq0 0 0 rgBT /Overloc 2254-2259.	4.0	22
29	Linkage and Geometrical Isomers of Dichloridobis(triphenylphosphine)ruthenium(II) Complexes with Quinolineâ€2â€carbaldehyde (Pyridineâ€2â€carbonyl)hydrazone: Their Molecular Structures and Electrochemical and Spectroscopic Properties. European Journal of Inorganic Chemistry, 2014, 2014, 186-197.	2.0	19
30	Crystal Field Splitting of the Ground State of Terbium(III) and Dysprosium(III) Complexes with a Triimidazolyl Tripod Ligand and an Acetate Determined by Magnetic Analysis and Luminescence. Inorganic Chemistry, 2014, 53, 10359-10369.	4.0	42
31	Chiral Crystal Structure of a P2₁2₁2₁ Kryptoracemate Iron(II) Complex with an Unsymmetric Azine Ligand and the Observation of Chiral Single Crystal Circular Dichroism. Crystal Growth and Design, 2014, 14, 3692-3695.	3.0	16
32	Preparation, crystal structures, and spectroscopic properties of cobalt(III) complexes bearing 2,4-pentanedionate (acacâ¯) and 2-cyanoethylphosphines: trans-[Co(acac)2{P(CH2CH2CN)nPh3â€“n}]BF4 (n=1â€“3). Polyhedron, 2014, 67, 111-114.	2.2	1
33	Synthesis, Structure, Luminescence, and Magnetic Properties of a Single-Ion Magnet â€œmerâ€•[Tris(N-[(imidazol-4-yl)-methylidene]-<scp>dl</scp>-phenylalaninato)terbium(III) and Related â€œfacâ€•<scp>dl</scp>-Alaninato Derivative. Inorganic Chemistry, 2014, 53, 5961-5971.	4.0	19
34	Chiral Incomplete-cubane-type MnIII3O4 Clusters Containing a Âμ3-Methoxido or Hydroxido. Chemistry Letters, 2014, 43, 784-786.	1.3	5
35	Synthesis, Structure, and Magnetic Property of a New Mononuclear Iron(II) Spin Crossover Complex with a Tripodal Ligand Containing Three 1,2,3-Triazole Groups. Chemistry Letters, 2014, 43, 950-952.	1.3	21
36	Four-Electron Oxidative Dehydrogenation Induced by Proton-Coupled Electron Transfer in Ruthenium(III) Complex with 2-(1,4,5,6-Tetrahydropyrimidin-2-yl)phenolate. Inorganic Chemistry, 2013, 52, 10183-10190.	4.0	20

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37	Comparison of ancillary ligand effects between 2,2â€²-bipyridine and 2-(2â€²-pyridyl)phenyl in the linkage and bridging isomerism of 5-methyltetrazolato iridium(iii) and/or rhodium(iii) complexes. Dalton Transactions, 2013, 42, 14556.	3.3	11
38	Synthesis, Structure, Luminescent, and Magnetic Properties of Carbonato-Bridged Zn^{II}₂Ln^{III}₂ Complexes [(Î¼₄-CO₃)₂{Zn^{II}LⁿLn^{III}(NO₃)}<sub		

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55	Assembly Structures and Spin Crossover Properties of Facial and Meridional Isomers of Tris[benzyl(2-methylimidazol-4-ylmethylidene)amine]iron(II) Chloride Hexafluorophosphate. Chemistry Letters, 2011, 40, 72-74.	1.3	14
56	Synthesis, Characterization, and Chiral Assembly Structure of a Self-Complementary Iron(III) Complex, [FeIII(H2L5-Me)(HL5-Me)](ClO4)2Â·EtOH (H2L5-Me: N-[(5-Methylimidazol-4-yl)methylidene]histamine). Bulletin of the Chemical Society of Japan, 2011, 84, 306-311.	3.2	2
57	Chiral spin crossover iron(II) complex, fac-Î›-[FeII(HLR)3](ClO4)2Â·EtOH (HLR=2-methylimidazol-4-yl-methylideneamino-R-(+)-1-methylphenyl). Inorganica Chimica Acta, 2011, 375, 338-342.	2.4	22
58	Conformational effect of a spin crossover iron(II) complex: Bis[N-(2-methylimidazol-4-yl)methylidene-2-aminoethyl]propanediamineiron(II) perchlorate. Inorganica Chimica Acta, 2011, 367, 141-150.	2.4	12
59	Crystal Structures and Various Properties of Novel Metal Complexes with Tripodal Ligands. Nihon Kessho Gakkaishi, 2011, 53, 186-192.	0.0	0
60	Structures and spin states of mono- and dinuclear iron(II) complexes of imidazole-4-carbaldehyde azine and its derivatives. Coordination Chemistry Reviews, 2010, 254, 1871-1881.	18.8	52
61	Face-Sharing Heterotrinuclear M^{II}â^'Ln^{III}â^'M^{II} (M = Mn, Fe, Co, Zn; Ln) Tj ETQq1 1 0.784314 rgB 49, 9125-9135.	4.0	188
62	One-Dimensional Spin-Crossover Iron(II) Complexes Bridged by Intermolecular Imidazoleâ^'Pyridine		

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73	Chiral Recognition and Conglomerate Crystallization Induced by Self-Organization of Cobalt(III) Complexes of a Tripodal Ligand Containing Three Imidazole Groups. Inorganic Chemistry, 2007, 46, 8170-8181.	4.0	32
74	Ferro- and antiferromagnetic interactions in face-sharing trioctahedral NiIIMnIINiIIand NiIIFeIIINiIIcomplexes with the same 1â€“5/2â€“1 spin system. Chemical Communications, 2006, , 1950-1952.	4.1	28
75	Synthesis and Structures of Vanadiumâ€“Cerium Trinuclear Complexes with Schiff-Base Ligands. Bulletin of the Chemical Society of Japan, 2006, 79, 1393-1397.	3.2	4
76	A Ruthenium(II) Complex with a Tripodal Ligand Containing Three Imidazole Groups. European Journal of Inorganic Chemistry, 2006, 2006, 3236-3243.	2.0	11
77	Supramolecular Spin-Crossover Iron Complexes Based on Imidazoleâ^'Imidazolate Hydrogen Bonds. Inorganic Chemistry, 2004, 43, 4154-4171.	4.0	139
78	Ferromagnetic NiIIâ€“GdIIIinteractions in complexes with NiGd, NiGdNi, and NiGdGdNi cores supported by tripodal ligands. Chemical Communications, 2004, , 1048-1049.	4.1	72
79	A Tripodal Ligand Containing Three Imidazole Groups Inducing Spin Crossover in Both Fe(II) and Fe(III) Complexes; Structures and Spin Crossover Behaviors of the Complexes. Chemistry Letters, 2004, 33, 350-351.	1.3	34
80	An Unprecedented Homochiral Mixed-Valence Spin-Crossover Compound. Angewandte Chemie, 2003, 115, 1652-1656.	2.0	35
81	An Unprecedented Homochiral Mixed-Valence Spin-Crossover Compound. Angewandte Chemie - International Edition, 2003, 42, 1614-1618.	13.8	182
82	A New Family of Spin Crossover Complexes with a Tripod Ligand Containing Three Imidazoles:Â Synthesis, Characterization, and Magnetic Properties of [FeIIH3LMe](NO3)2Â·1.5H2O, [FeIIILMe]Â·3.5H2O, [FeIIH3LMe][FeIILMe]NO3, and [FeIIH3LMe][FeIIILMe](NO3)2(H3LMe=) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 372 Td (Tris[2-(((2-methy	4.0	128
83	Synthesis and Magnetic Properties of Heterometal Cyclic Tetranuclear Complexes [CuIILMII(hfac)]2(MII= Zn, Cu, Ni, Co, Fe, Mn; H3L =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 342 Td (1-(2-Hydroxybenzamido)-	4.0	40
84	Nature of Copper(II)â^'Lanthanide(III) Magnetic Interactions and Generation of a Large Magnetic Moment with Magnetic Anisotropy of 3dâ^'4f Cyclic Cylindrical Tetranuclear Complexes [CuIILLnIII(hfac)2]2, (H3LÂ= 1-(2-Hydroxybenzamido)-2-(2-hydroxy-3-methoxybenzylideneamino)ethane and Hhfac =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	4.0	171
85	Spontaneous Resolution Induced by Self-Organization of Chiral Self-Complementary Cobalt(III) Complexes with Achiral Tripod-Type Ligands Containing Three Imidazole Groups. Journal of the American Chemical Society, 2002, 124, 629-640.	13.7	179
86	Hydrogen-bonded extended structure of the 1â^¶3 adduct of a C3 symmetric cobalt(iii) complex with a tripod-ligand involving three imidazolate groups and hydroquinone or resorcinol. Chemical Communications, 2002, , 14-15.	4.1	19
87	Antiferromagnetism induced by successive protonation of terminal phenol groups of a bis(Î¼-phenoxide)-bridged dicopper(ii,ii) complex. Dalton Transactions RSC, 2002, , 3737-3742.	2.3	28
88	Copper(II) complexes with multidentate Schiff-base ligands containing imidazole groups: ligand-complex or self-complementary molecule?. Coordination Chemistry Reviews, 2002, 226, 199-209.	18.8	166
89	Correlation among Crystal Shape, Absolute Configuration, and Circular Dichroism Spectrum of Enantiomorphs of Tris[2-(((2-phenylimidazol-4-yl)methylidene)amino)ethyl]- aminemetal(II) Nitrateâ^'Methanol (1/1). Inorganic Chemistry, 2001, 40, 2534-2540.	4.0	34
90	Thermal and Pressure Induced Spin Crossover of a Novel Iron(III) Complex with a Tripodal Ligand Involving Three Imidazole Groups. Chemistry Letters, 2001, 30, 1254-1255.	1.3	41

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91	Simple methods for preparation of a well-defined 4-pyridinethiol modified surface on Au(111) electrodes for cytochrome c electrochemistry. Electrochimica Acta, 2000, 45, 2843-2853.	5.2	44
92	A cyclic tetranuclear Cu2Gd2 complex with an S = 8 ground state derived from ferromagnetic spin-coupling between copper(ii) and gadolinium(iii) ions arrayed alternately. Chemical Communications, 2000, , 2113-2114.	4.1	64
93	Potential and pH Dependencies of Adsorbed Species of 2-, 4-Pyridinethiol and 2-Pyrimidinethiol on Au(111) Electrode. Electrochemistry, 1999, 67, 1197-1199.	1.4	24
94	[{Mn(salen)CN}n]: The First One-Dimensional Chain with Alternating High-Spin and Low-Spin MnIII Centers Exhibits Metamagnetism. Angewandte Chemie - International Edition, 1999, 38, 171-173.	13.8	90
95	Synthesis, crystal structures and electrochemical properties of CuII and NiII complexes with hexadentate ligands containing thioether-amido-pyridyl donor set. Polyhedron, 1998, 17, 1943-1952.	2.2	24
96	Synthesis, Magnetic Properties, and Incomplete Double-Cubane Structure of Manganese(III)â^'Metal(II) Complexes [Mn(MeOH)L(OH)M(bpy)]2(M = Zn, Cu, Ni, and Mn; H4L = 1,2-Bis(2-hydroxybenzamido)benzene;) Tj ETQq0 0 0 rgBT /Overlo	4.0	48
97	Multi-Dimensional Structures Constructed by the Electrostatic Interaction of Potassium Salts of Cobalt(III) and Manganese(III) Complexes with 1,2-Bis(2-hydroxybenzamido)benzene. Bulletin of the Chemical Society of Japan, 1998, 71, 167-173.	3.2	9
98	Synthesis, Structure, and Properties of Di-Î¼-phenoxo-bridged Dinuclear CuIINiIIand CuIICoIIComplexes and Cyclic Di-Î¼-phenoxo-Î¼-amido-bridged Tetranuclear Cu2IIZn2IIand Cu4IIComplexes Derived from the 1,2-Bis(2-oxidobenzamidato)benzenecuprate(II) Dianionic Ligand-Complex. Bulletin of the Chemical Society of Japan, 1998, 71, 2611-2619.	3.2	22
99	Steric-Hindrance Effect of a Substituent in the Self-Assembly Process of Copper(II) Complexes with Quadridentate Schiff-Base Ligands Involving a 2-Substituted-Imidazole Moiety. Bulletin of the Chemical Society of Japan, 1997, 70, 2461-2472.	3.2	13
100	Dinaionic Ligand Complexes, K2[CuLn] and K2[NiLn] (n= 1, 2; H4L1= 1,2-Bis(2-hydroxybenzamido)ethane,) Tj ETQq0 0 0 rgBT /Overlock Complexes. Bulletin of the Chemical Society of Japan, 1997, 70, 1851-1858.	3.2	25
101	Crystal structure and electrochemical properties of CuII complexes with 1,2-bis(2-hydroxybenzamido)benzene. Polyhedron, 1997, 16, 4105-4111.	2.2	7