

# Masahiko Maekawa

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Construction of Metal Sandwich Systems Derived from Assembly of Silver(I) Complexes with Polycyclic Aromatic Compounds. <i>Journal of the American Chemical Society</i> , 1999, 121, 4968-4976.	13.7	154
2	A Molecular Cavity for Tetrahedral and Y-Shaped Anions. Synthetic and Structural Studies of Macrocyclic Dicopper(I) and Disilver(I) Compounds of 1,6-Bis(diphenylphosphino)hexane. <i>Inorganic Chemistry</i> , 1995, 34, 1455-1465.	4.0	99
3	Architecture of 2D Sheets with Six-Membered Rings of Coppers Interconnected by 2,1,3-Benzothiadiazoles and a Layered Structure Composed of the 2D Sheets. <i>Inorganic Chemistry</i> , 1994, 33, 1284-1291.	4.0	96
4	A New Method to Synthesize Unsymmetrical Dithiolene Metal Complexes of 1,3-Dithiole-2-thione-4,5-dithiolate for Third-Order Nonlinear Optical Applications. <i>Journal of the American Chemical Society</i> , 2000, 122, 11007-11008.	13.7	81
5	Synthesis, properties and crystal structures of dicopper(I) and disilver(I) complexes with 1,8-naphthyridine (napy): [Cu <sub>2</sub> (napy) <sub>2</sub> ](ClO <sub>4</sub> ) <sub>2</sub> and [Ag <sub>2</sub> (napy) <sub>2</sub> ](ClO <sub>4</sub> ) <sub>2</sub> . <i>Inorganica Chimica Acta</i> , 1990, 167, 181-188.	2.4	80
6	Double Hydrogen Bond- and $\pi$ - $\pi$ -Stacking-Assembled Two-Dimensional Copper(I) Complex of 2-Hydroxyquinoxaline. <i>Inorganic Chemistry</i> , 1997, 36, 2688-2690.	4.0	77
7	2-D Interwoven and 3-D 5-fold Interpenetrating Silver(I) Complexes of 1-(Isocyanidomethyl)-1H-benzotriazole and 1,3-Bis(dicyanomethylidene)indan. <i>Inorganic Chemistry</i> , 2000, 39, 4273-4279.	4.0	74
8	Reversible Photochromism of a Crystalline Dithienylethene Copper(I) Polymer. <i>Journal of the American Chemical Society</i> , 1996, 118, 3305-3306.	13.7	72
9	Synthesis, structures, and properties of the molecular assemblies of copper(I) and silver(I) complexes with phenazine. Novel donor-acceptor and huge polynuclear complexes. <i>Inorganic Chemistry</i> , 1993, 32, 826-832.	4.0	71
10	Magnetic and Conducting Properties of New Halide-Bridged Mixed-Valence Cu <sup>I</sup> -Cu <sup>II</sup> 1D Coordination Polymers Including a Hexamethylene Dithiocarbamate Ligand. <i>Inorganic Chemistry</i> , 2010, 49, 3700-3702.	4.0	67
11	Crystal structure and carrier transport properties of a new semiconducting 2D coordination polymer with a 3,5-dimethylpiperidine dithiocarbamate ligand. <i>Chemical Communications</i> , 2013, 49, 4316-4318.	4.1	65
12	Syntheses and Structures of Photochromic Silver(I) Coordination Polymers with cis-1,2-Dicyano-1,2-bis(2,4,5-trimethyl-3-thienyl)ethene. <i>Inorganic Chemistry</i> , 2003, 42, 1928-1934.	4.0	60
13	Syntheses, structures and properties of copper(I) co-ordination polymers with bridging phenazine: construction of one- and two-dimensional structures with $\pi$ - $\pi$ stacking of phenazine. <i>Journal of the Chemical Society Dalton Transactions</i> , 1995, , 2201-2208.	1.1	58
14	Synthesis and structures of (2,9-dimethyl-1,10-phenanthroline)(acetonitrile)copper(I) perchlorate and hexafluorophosphate. A correlation between bond angles and bond distances in T- and Y-shaped three-coordinate copper(I) complexes. <i>Inorganic Chemistry</i> , 1989, 28, 4300-4302.	4.0	51
15	Co-ordinative versatility of 3,5-bis(2-pyridyl)pyrazole in silver and copper compounds. <i>Journal of the Chemical Society Dalton Transactions</i> , 1995, , 4099.	1.1	49
16	Syntheses, crystal structures and autoreduction behavior of antiferromagnetically coupled dicopper(II) oximate complexes. <i>Inorganica Chimica Acta</i> , 1999, 293, 20-29.	2.4	45
17	Bowl-shaped Cu(I) metallamacrocyclic ethylene and carbonyl adducts as structural analogues of organic calixarenes. <i>Chemical Communications</i> , 2007, , 5179.	4.1	43
18	Structure and 1H NMR study of copper(I) complex with ethylene and tetramethylethylenediamine. <i>Polyhedron</i> , 1997, 16, 67-70.	2.2	40

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19	SYNTHESIS AND STRUCTURE OF A THREE-DIMENSIONAL LANTHANUM(III) COORDINATION POLYMER WITH MELLITATE, $\{La_2[C_6(COO)_6](H_2O)_9\} \cdot 2H_2O$ . <i>Journal of Coordination Chemistry</i> , 1996, 37, 361-369.	2.2	37
20	Syntheses and structural characterizations of novel mono- and dinuclear iridium hydrido complexes with polydentate nitrogen donor ligands. <i>Inorganica Chimica Acta</i> , 2004, 357, 3456-3472.	2.4	36
21	Spiral, Herringbone, and Triple-Decker Silver(I) Complexes of Benzopyrene Derivatives Assembled through $\pi$ -2-Coordination. <i>Inorganic Chemistry</i> , 2001, 40, 3191-3199.	4.0	35
22	Crystal structure and carrier transport properties of a new 3D mixed-valence $Cu(I)Cu(II)$ coordination polymer including pyrrolidine dithiocarbamate ligand. <i>Dalton Transactions</i> , 2011, 40, 2218-2224.	3.3	34
23	Mobility of Silver(I) Ions around the Propeller Ligand, Hexaphenylbenzene (HPB), in Silver(I) $\pi$ -Complexes. <i>Inorganic Chemistry</i> , 1999, 38, 5668-5673.	4.0	32
24	Synthesis and crystal structure of two ternary dicopper(I) complexes having the unsymmetrical coordination arrangement bridged by 1,8-naphthyridine (napy). $[Cu_2(napy)_2(Me_2CO)](PF_6)_2 \cdot 2Me_2CO$ and $[Cu_2(napy)_2(dppm)(CH_3CN)](PF_6)_2$ . <i>Inorganica Chimica Acta</i> , 1998, 271, 129-136.	2.4	31
25	Synthesis, formation constants and structures of ternary copper(I) complexes with 1,10-phenanthroline and alkynes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 2225.	1.1	30
26	Solvent-Dependent Formation of Di- and Trinuclear Rhodium and Iridium Complexes Bridged by $N,N'$ -Donor Ligands. <i>Bulletin of the Chemical Society of Japan</i> , 2002, 75, 267-275.	3.2	29
27	A unique chair-shaped hexanuclear Cu(I) metallamacrocyclic $C_2H_4$ adduct encapsulating a $BF_4^-$ anion. <i>Dalton Transactions</i> , 2009, , 415-417.	3.3	29
28	Syntheses, Structures, and Properties of Intercalation Compounds of Silver(I) Complex with [2.2]Paracyclophane. <i>Inorganic Chemistry</i> , 2004, 43, 633-641.	4.0	27
29	Sandwich-shaped silver(I) metallamacrocycles encapsulating a $XF_6^-$ (X = Si, Ge and Sn) anion. <i>Chemical Communications</i> , 2006, , 2161.	4.1	26
30	Framework dimensionality of copper(I) coordination polymers of 4,4'-bipyrimidine controlled by anions and solvents. <i>CrystEngComm</i> , 2012, 14, 1345-1353.	2.6	25
31	Structural diversity among copper(I) ethylene adducts of 3,6-bis(2-pyridyl)-1,2,4,5-tetrazine. <i>Dalton Transactions</i> , 2013, 42, 4258.	3.3	25
32	Synthesis and crystal structure of tetranuclear copper(I) and silver(I) complexes bridged by 2-amino-1,3,4-thiadiazole (atdz): $[Cu_4(atdz)_6](ClO_4)_4 \cdot 2CH_3OH$ and $[Ag_4(atdz)_6](ClO_4)_4$ . <i>Inorganica Chimica Acta</i> , 1999, 290, 153-158.	2.4	23
33	Synthesis and structural characterization of dinuclear iridium hydrido complex with 3,6-bis(2-pyridyl)tetrazine, $[Ir_2(H)_4(PPh_3)_4(bptz)](PF_6)_2 \cdot 4CH_2Cl_2$ . <i>Inorganica Chimica Acta</i> , 2005, 358, 1317-1321.	2.4	22
34	Synthesis and X-Ray Crystal Structure of the Dicopper(I) Complex of 2-(Diphenylphosphino)pyridine (Ph <sub>2</sub> Ppy). $[Cu_2(\frac{1}{4}-Ph_2Ppy)_2(CH_3CN)_2](PF_6)_2$ . <i>Bulletin of the Chemical Society of Japan</i> , 1991, 64, 2286-2288.	3.2	21
35	Synthesis and structure of di- and tetra-copper(I) complexes bridged by pyridazine. <i>Journal of the Chemical Society Dalton Transactions</i> , 1994, , 603.	1.1	21
36	Preparation, crystal structures and spectroscopic properties of vanadium(III) complexes with $[V^{III}O_4]^{4+}$ cores. <i>Dalton Transactions RSC</i> , 2002, , 2390.	2.3	21

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37	3D coordination polymers of [2.2]paracyclophane and in situ silver(I) perfluoro-dicarboxylates: effects of the dicarboxylate spacers and conformations on the formation of complexes. <i>Inorganica Chimica Acta</i> , 2005, 358, 919-926.	2.4	21
38	Silver(I) Compounds Consisting of [2.2]Paracyclophane: A Reversible Guest-Driven Solid-State Transformation and Incorporation Behavior. <i>Inorganic Chemistry</i> , 2005, 44, 1686-1692.	4.0	21
39	Crystal Structure and Band-Gap Engineering of a Semiconducting Coordination Polymer Consisting of Copper(I) Bromide and a Bridging Acceptor Ligand. <i>Inorganic Chemistry</i> , 2018, 57, 2373-2376.	4.0	21
40	Cationic Tetrasilver Complex of Hexaphenylbenzene. <i>Inorganic Chemistry</i> , 1999, 38, 1376-1377.	4.0	18
41	Dye-sensitized Solar Cells with New One-Dimensional Halide-Bridged Cu(I)-Ni(II) Heterometal Coordination Polymers Containing Hexamethylene Dithiocarbamate Ligand. <i>Polymers</i> , 2012, 4, 1613-1626.	4.5	18
42	Preparations and structural diversity of copper(I) ethylene adducts with related 3,6-bis(2-pyridyl)-1,2,4,5-tetrazine ligands. <i>Inorganica Chimica Acta</i> , 2014, 410, 46-53.	2.4	18
43	Synthesis and Conducting Properties of a New Mixed-valence Cu(I)-Cu(II) 1-D Coordination Polymer Bridged by Morpholine Dithiocarbamate. <i>Chemistry Letters</i> , 2011, 40, 1184-1186.	1.3	17
44	Novel Cu <sup>I</sup> Ethylene Complexes with 6,6'-Diphenyl-4,4'-bipyrimidine Three-Dimensionally Self-Assembled by an Intermolecular $\pi$ - $\pi$ Stacking Interaction and a C-H $\cdots$ N Contact. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 4225-4231.	2.0	15
45	A Double-Decker Silver(I) Coordination Polymer of 1-Methylpyrene with Columnar Aromatic Stacks. Effect of Substituting Groups on Structure of Silver(I) Complexes with Polycyclic Aromatic Hydrocarbons. <i>Inorganic Chemistry</i> , 2001, 40, 7087-7090.	4.0	14
46	Syntheses and crystal structures of mononuclear [2.2]paracyclophane complexes of rhodium and iridium supported by the pentamethylcyclopentadienyl ligand [M( $\eta$ -6-pcp)( $\eta$ -5-C <sub>5</sub> Me <sub>5</sub> )](BF <sub>4</sub> ) <sub>2</sub> (M=Rh and Ir). <i>Inorganica Chimica Acta</i> , 2002, 328, 254-258.	2.4	14
47	Syntheses and structural characterization of [2.2]paracyclophane complexes of rhodium and iridium supported by diene ligands. <i>Inorganica Chimica Acta</i> , 2003, 344, 143-157.	2.4	14
48	Syntheses and Crystal Structures of Novel Di- and Trinuclear Rhodium Complexes Bridged by Pyrazine. <i>Chemistry Letters</i> , 2001, 30, 168-169.	1.3	13
49	Halido-Bridged 1D Mixed-Valence CuI-CuII Coordination Polymers Bearing a Piperidine-1-carbodithioato Ligand: Crystal Structure, Magnetic and Conductive Properties, and Application in Dye-Sensitized Solar Cells. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 3384-3391.	2.0	13
50	Syntheses and crystal structures of mononuclear rhodium hydrido complexes from the reactions of [Rh(H) <sub>2</sub> (PPh <sub>3</sub> ) <sub>2</sub> (EtOH) <sub>2</sub> ](ClO <sub>4</sub> ) with various nitrogen ligands. <i>Polyhedron</i> , 2002, 21, 1613-1620.	2.2	12
51	Structural controls of 2D sheet copper(I) ethylene and carbonyl coordination polymers directed by anions and solvents. <i>CrystEngComm</i> , 2012, 14, 5955.	2.6	12
52	A new semiconducting 1D Cu <sup>I</sup> -Cu <sup>II</sup> mixed-valence coordination polymer with Cu <sup>II</sup> dimethylpiperidine-dithiocarbamate and a tetranuclear Cu <sup>I</sup> -Br cluster unit. <i>New Journal of Chemistry</i> , 2018, 42, 3995-3998.	2.8	12
53	Dinuclear and polymeric copper(I) ethylene adducts bridged by bis-pyridyl derivatives of 1,2,4-triazole and 1,2,4,5-tetrazine. <i>Inorganica Chimica Acta</i> , 2015, 426, 64-70.	2.4	11
54	Synthesis and crystal structure of dinuclear palladium(II) dppm complex with 4-mercaptopyridine in the thione mode. [Pd( $\eta$ -1/4-dppm) <sub>2</sub> (HpyS) <sub>2</sub> ](ClO <sub>4</sub> ) <sub>2</sub> ·CH <sub>3</sub> OH. <i>Inorganica Chimica Acta</i> , 1998, 281, 116-119.	2.4	10

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55	Syntheses, Characterization and X-Ray Crystal Structures of Tetrakis(Ethylthio)Tetrathiafulvalenium Hexachlorodicopper(II) and Hexabromodicopper(II). <i>Molecular Crystals and Liquid Crystals</i> , 1996, 285, 75-82.	0.3	9
56	Crystal Structure of Tetranuclear Palladium Complex Bridged by Bis(diphenylphosphino)methane, (Pd <sub>4</sub> (μ-dppm) <sub>4</sub> (μ-Cl) <sub>2</sub> )(ClO <sub>4</sub> ) <sub>2</sub> bpe.. <i>Analytical Sciences</i> , 1998, 14, 451-453.	1.6	9
57	Crystal Structure of .ETA.5-Pentamethylcyclopentadienyl-.ETA.6-toluene Rhodium Tetrafluoroborate, [Rh(Cp*)(.ETA.6-C <sub>6</sub> H <sub>5</sub> Me)](BF <sub>4</sub> ) <sub>2</sub> (Cp* <sup>-</sup> -.ETA.5-C <sub>5</sub> Me <sub>5</sub> ).. <i>Analytical Sciences</i> , 2001, 17, 1361-1362.	1.6	8
58	Syntheses and crystal structures of the first iridium complexes with m- and p-terphenyl (tp). {[Ir <sub>2</sub> (p-tp)(cod) <sub>2</sub> ](BF <sub>4</sub> ) <sub>2</sub> ·2CH <sub>2</sub> Cl <sub>2</sub> ] <sub>3</sub> and [Ir(m-tp)(i-5-C <sub>5</sub> Me <sub>5</sub> )](BF <sub>4</sub> ) <sub>2</sub> . <i>Inorganica Chimica Acta</i> , 2004, 357, 331-338.	2.4	8
59	Synthesis, Crystal Structure, and Electroconducting Properties of a 1D Mixed-Valence Cu(I)â€“Cu(II) Coordination Polymer with a Dicyclohexyl Dithiocarbamate Ligand. <i>Crystals</i> , 2015, 5, 215-225.	2.2	8
60	Heterometallic Ag<sup>I</sup>â€“Ir<sup>III</sup> Hydride Coordination Polymers Bridged by Ir<sup>III</sup> Metalloligands. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 78-91.	2.0	8
61	Spectroscopic characterization of valence tautomeric behavior in a cobalt-dioxolene complex using an ancillary ligand containing quinoline groups. <i>Inorganic Chemistry Communication</i> , 2020, 114, 107826.	3.9	8
62	Syntheses and structural characterization of mononuclear Rhâ€“Cp* and Irâ€“Cp* complexes with 1,6-phenanthrene, 1,6-pyrene and 1,6-triphenylene. <i>Inorganica Chimica Acta</i> , 2006, 359, 168-182.	2.4	7
63	The first copper(I) coordination polymers self-assembled by 4,4â€“biquinazoline. <i>Inorganica Chimica Acta</i> , 2014, 414, 257-263.	2.4	7
64	Novel 1D Cu(I) coordination polymers formed by the combination of Cu(I) halides and 4-(2-pyridyl)pyrimidine. <i>Polyhedron</i> , 2010, 29, 2807-2813.	2.2	6
65	A new semiconducting coordination polymer consisting of copper(I)-iodide and 3-pyridinecarboxaldehyde. <i>Inorganic Chemistry Communication</i> , 2018, 88, 34-37.	3.9	6
66	Syntheses, structure and properties of dinuclear Co complexes with bis(catecholate) ligands â€“ Effect of a quinoline ring in the terminal group. <i>Polyhedron</i> , 2019, 171, 480-485.	2.2	6
67	Crystal Structure of Bis(diphenylphosphino)methane Dipalladium(I) Nitrate Complex, (Pd <sub>2</sub> (μ-dppm) <sub>2</sub> (NO <sub>3</sub> ) <sub>2</sub> ).. <i>Analytical Sciences</i> , 1998, 14, 447-449.	1.6	5
68	Structural diversity of copper(I) cyclodiene complexes bridged by 3,6-bis(2-pyridyl)-1,2,4,5-tetrazine. <i>Inorganica Chimica Acta</i> , 2017, 467, 204-211.	2.4	5
69	TTC1TTFâ€“ Cation Coordinated to Copper(I): Crystal Structure and Properties of [(TTC1TTF)CuBr <sub>2</sub> ] <sub>2</sub> . <i>Molecular Crystals and Liquid Crystals</i> , 1996, 285, 69-74.	0.3	4
70	Syntheses, crystal structures, spectroscopic characterization and unusual thermal robustness of mono- and di-nuclear Iridium(III) hydride complexes of 2,2â€“bipyrimidine. <i>Polyhedron</i> , 2012, 40, 145-152.	2.2	4
71	Self-assembly of Cu(I) metallomacrocycle and coordination polymers with 2,2â€“5â€“,4â€“terpyridine directed by anions and solvents. <i>Inorganica Chimica Acta</i> , 2019, 497, 119088.	2.4	3
72	Syntheses and structural characterizations of mononuclear Ir(III) hydride complexes with 2,2â€“6â€“,2â€“terpyridine in the 1 <sup>2</sup> N,N' and 1 <sup>3</sup> N,N',Nâ€“ <sub>3</sub> coordination modes. <i>Inorganica Chimica Acta</i> , 2021, 514, 119962.	5.14	3

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73	Dinuclear cobalt complexes with a redox active biphenyl bridging ligand [Co <sub>2</sub> (BP)(tqa) <sub>2</sub> ](PF <sub>6</sub> ) <sub>2</sub> (H <sub>4</sub> BP =) Tj ETQq1 1 0.784314 rgBT <sub>3</sub> /Overlock	3.3	3
74	First crystallographic determination of dichloro-bridged dinuclear rhodium Cp* complex with neutral Me <sub>2</sub> CO molecules. [Rh <sub>2</sub> (Cp*) <sub>2</sub> (1/4-Cl) <sub>2</sub> (Me <sub>2</sub> CO) <sub>2</sub> ](BF <sub>4</sub> ) <sub>2</sub> (Cp* = 1-5-C <sub>5</sub> Me <sub>5</sub> ). Inorganica Chimica Acta, 2005, 358, 1313-1316.	2.4	2
75	Structurally Diverse Polynuclear Copper(I) Complexes Bridged by Pyrimidine, Pyrazine, and Triazine-based Ligands with Several 2-Pyridyl Groups. ChemistrySelect, 2016, 1, 3812-3822.	1.5	2
76	Structurally diverse dinuclear Cu(I) complexes and 1D helical Cu(I) coordination polymers bridged by 2,2,6,6-tetramethyl-4-terpyridine. Inorganica Chimica Acta, 2021, 528, 120628.	2.4	2
77	Crystal structure of a new mixed-metal coordination polymer consisting of N-ethylpiperidine-dithiocarbamate and pentanuclear Cu <sub>5</sub> I cluster units. Acta Crystallographica Section E: Crystallographic Communications, 2018, 74, 233-236.	0.5	2
78	Crystal Structure of Tetrafluoroborate with a Unique Trigonal-bipyramidal Ir <sub>2</sub> Cl <sub>3</sub> Core, [Ir <sub>2</sub> (Cp*) <sub>2</sub> (.MU.-Cl) <sub>3</sub> ](BF <sub>4</sub> ) (Cp*) Tj ETQq0 0 0 rgBT <sub>1</sub> /Overlock 10 Tf 50	0.1	1
79	Intermolecular Carbon-Carbon Bond Formation Followed by Intramolecular Cyclization of Electrochemically Generated Magnesium Anthracenes and Esters in the Presence of Chlorotrimethylsilane. Electrochemistry, 2020, 88, 314-320.	1.4	0