

# Ho-Chol Chang

## List of Publications by Year in descending order

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100  
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4,927  
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126858

33  
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111  
docs citations

111  
times ranked

4363  
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation of a One-Dimensional Array of Oxygen in a Microporous Metal-Organic Solid. <i>Science</i> , 2002, 298, 2358-2361.	6.0	599
2	A Neutral 3D Copper Coordination Polymer Showing 1D Open Channels and the First Interpenetrating NbO-Type Network. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 192-195.	7.2	558
3	Novel Flexible Frameworks of Porous Cobalt(II) Coordination Polymers That Show Selective Guest Adsorption Based on the Switching of Hydrogen-Bond Pairs of Amide Groups. <i>Chemistry - A European Journal</i> , 2002, 8, 3586.	1.7	391
4	Expanding and Shrinking Porous Modulation Based on Pillared-Layer Coordination Polymers Showing Selective Guest Adsorption. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 3269-3272.	7.2	379
5	Temperature-controlled hydrothermal synthesis of a 2D ferromagnetic coordination bilayered polymer and a novel 3D network with inorganic Co <sub>3</sub> (OH) <sub>2</sub> ferromagnetic chains. <i>Chemical Communications</i> , 2004, , 418-419.	2.2	218
6	Pseudo-Polyrotaxane and 2-Sheet Layer-Based Three-Dimensional Coordination Polymers Constructed with Silver Salts and Flexible Pyridyl-Type Ligands. <i>Inorganic Chemistry</i> , 2002, 41, 4846-4848.	1.9	193
7	Porous lanthanide-organic framework with zeolite-like topology. <i>Chemical Communications</i> , 2005, , 2436.	2.2	179
8	Out-of-plane dimers of Mn(III) quadridentate Schiff-base complexes with salen <sup>2-</sup> and naphthalen <sup>2-</sup> ligands: structure analysis and ferromagnetic exchange. <i>Dalton Transactions RSC</i> , 2002, , 1528-1534.	2.3	160
9	A novel three-dimensional coordination polymer constructed with mixed-valence dimeric copper(I,II) units. Electronic supplementary information (ESI) available: synthesis and data for 1. See <a href="http://www.rsc.org/suppdata/cc/b2/b210914/j">http://www.rsc.org/suppdata/cc/b2/b210914/j</a> . <i>Chemical Communications</i> , 2003, , 428-429.	2.2	151
10	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> , 2004, 10, 2647-2660.	1.7	92
11	Synthesis, Structures, and Magnetic Properties of the Copper(II), Cobalt(II), and Manganese(II) Complexes with 9-Acridinecarboxylate and 4-Quinolinecarboxylate Ligands. <i>Inorganic Chemistry</i> , 2005, 44, 9837-9846.	1.9	91
12	Molecule-Based Valence Tautomeric Bistability Synchronized with a Macroscopic Crystal-Melt Phase Transition. <i>Journal of the American Chemical Society</i> , 2008, 130, 5515-5522.	6.6	78
13	Vapochromic Luminescence and Flexibility Control of Porous Coordination Polymers by Substitution of Luminescent Multinuclear Cu(I) Cluster Nodes. <i>Inorganic Chemistry</i> , 2015, 54, 8905-8913.	1.9	65
14	Shape-Memory Platinum(II) Complexes: Intelligent Vapor-History Sensor with ON-OFF Switching Function. <i>Chemistry - A European Journal</i> , 2016, 22, 2682-2690.	1.7	64
15	A New Class of Cyclic Hexamer: [Co <sub>6</sub> L <sub>6</sub> ] <sub>24</sub> <sup>6+</sup> (H <sub>6</sub> L=hexaazatriphenylene hexacarboxylic acid). <i>Angewandte Chemie - International Edition</i> , 2001, 40, 3817-3819.	7.2	62
16	Photo- and Vapor-Controlled Luminescence of Rhombic Dicopper(I) Complexes Containing Dimethyl Sulfoxide. <i>Inorganic Chemistry</i> , 2013, 52, 13188-13198.	1.9	62
17	Cation-templated construction of three-dimensional $\sqrt{3}$ -Po cubic-type [M(dca) <sub>3</sub> ] <sup>n+</sup> networks. Syntheses, structures and magnetic properties of A[M(dca) <sub>3</sub> ] (dca <sup>n-</sup> = <sup>n-</sup> dicyanamide; for A <sup>n+</sup> = <sup>n+</sup> benzyltributylammonium,) <i>Tj ETQq</i> 1, 4 779-782.	1.4	61
18	Nonprecious-Metal-Assisted Photochemical Hydrogen Production from <i>ortho</i> -Phenylenediamine. <i>Journal of the American Chemical Society</i> , 2013, 135, 8646-8654.	6.6	52

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19	Metal-Organic Thin-Film Transistor (MOTFT) Based on a Bis(o-diiminobenzosemiquinonate) Nickel(II) Complex. <i>Journal of the American Chemical Society</i> , 2005, 127, 10012-10013.	6.6	51
20	New Molecular Assemblies of Redox Isomers, $[\text{Cr}^{\text{III}}(\text{X}_4\text{SQ})_3\text{-n}(\text{X}_4\text{Cat})_n]\text{-n}$ (X = Cl and Br; n = 0, 1, and 2), with Metallocenium Cations, $[\text{M}^{\text{III}}\text{Cp}_2]^+$ (M = Co and Fe): X-ray Crystal Structures and Physical Properties. <i>Inorganic Chemistry</i> , 2001, 40, 146-156.	1.9	50
21	Effect of the Metal-Assisted Assembling Mode on the Redox States of Hexaazatriphenylene Hexacarbonitrile. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 2700-2704.	7.2	50
22	Vapor-Controlled Linkage Isomerization of a Vapochromic Bis(thiocyanato)platinum(II) Complex: New External Stimuli To Control Isomerization Behavior. <i>Inorganic Chemistry</i> , 2012, 51, 7508-7519.	1.9	50
23	Syntheses and crystal structures of three one-dimensional copper(II) complexes constructed by salicylate and 4,4'-bipyridine: ladder, zig-zag, and linear polymeric assembly. <i>Inorganica Chimica Acta</i> , 2003, 355, 121-126.	1.2	46
24	Structures and Luminescence Properties of Cyclometalated Dinuclear Platinum(II) Complexes Bridged by Pyridinethiolate Ions. <i>Bulletin of the Chemical Society of Japan</i> , 2011, 84, 218-225.	2.0	46
25	Rational Design of a Ferromagnetic Trinuclear Copper(II) Complex with a Novel in-situ Synthesised Metalloligand. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 2385-2388.	1.0	45
26	A redox-active columnar metallomesogen and its cyclic voltammetric responses. <i>Journal of Materials Chemistry</i> , 2007, 17, 4136.	6.7	43
27	Vapour-adsorption and chromic behaviours of luminescent coordination polymers composed of a Pt(II)-diimine metalloligand and alkaline-earth metal ions. <i>Dalton Transactions</i> , 2011, 40, 8012.	1.6	39
28	Synthesis, X-ray crystal structures and properties of chromium complexes with semiquinonate and catecholate. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 2467-2476.	1.1	37
29	An Unprecedented Mixed-Charged State in a Supramolecular Assembly of Ligand-Based Mixed-Valence Redox Isomers $(\text{ET}^+)_3[\text{Cr}^{\text{III}}(\text{Cl}_4\text{SQ})_2(\text{Cl}_4\text{Cat})] \cdot [\text{Cr}^{\text{III}}(\text{Cl}_4\text{SQ})(\text{Cl}_4\text{Cat})_2]_2$ . <i>Angewandte Chemie - International Edition</i> , 2002, 41, 130-133.	7.2	37
30	Vapour and mechanically induced chromic behaviour of platinum complexes with a dimer-of-dimer motif and the effects of heterometal ions. <i>Dalton Transactions</i> , 2013, 42, 5514.	1.6	37
31	Synthesis and Ligand-Based Mixed Valency of cis- and trans- $\text{Cr}^{\text{III}}(\text{X}_4\text{SQ})(\text{X}_4\text{Cat})(\text{L})_n$ (X = Cl and Br, n = 1) Tj ETQq1 1 0.784314 rgBT / O Dissociation of $\text{Cr}^{\text{III}}(\text{X}_4\text{SQ})_3$ . <i>Inorganic Chemistry</i> , 2002, 41, 4444-4452.	1.9	33
32	A facile and versatile preparation of bilindiones and biladienones from tetraarylporphyrins. <i>Chemical Communications</i> , 2005, , 1309.	2.2	33
33	Ambipolar, Single-Component, Metal-Organic Thin-Film Transistors with High and Balanced Hole and Electron Mobilities. <i>Advanced Materials</i> , 2008, 20, 3399-3403.	11.1	33
34	Flexible Coordination Polymers Composed of Luminescent Ruthenium(II) Metalloligands: Importance of the Position of the Coordination Site in Metalloligands. <i>Inorganic Chemistry</i> , 2014, 53, 2910-2921.	1.9	32
35	Chromic Behaviors of Hexagonal Columnar Liquid Crystalline Platinum Complexes with Catecholato, 2-Thiophenolato, and Benzenedithiolato. <i>Inorganic Chemistry</i> , 2011, 50, 4279-4288.	1.9	31
36	Dehydrogenation of anhydrous methanol at room temperature by o-aminophenol-based photocatalysts. <i>Nature Communications</i> , 2016, 7, 12333.	5.8	31

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37	Solvent-Dependent Formation of Di- and Trinuclear Rhodium and Iridium Complexes Bridged by N,N- $\pi^2$ -Donor Ligands. <i>Bulletin of the Chemical Society of Japan</i> , 2002, 75, 267-275.	2.0	29
38	Dimensionality Control of Vapochromic Hydrogen-Bonded Proton-Transfer Assemblies Composed of a Bis(hydrazone)iron(II) Complex. <i>Inorganic Chemistry</i> , 2011, 50, 8308-8317.	1.9	29
39	Polymorph-Dependent Molecular Valence Tautomerism Synchronized with Crystal-Melt Phase Transitions. <i>Chemistry of Materials</i> , 2009, 21, 1980-1988.	3.2	27
40	Syntheses, Structures, and Physicochemical Properties of Diruthenium Compounds of Tetrachlorocatecholate with Metal- $\pi$ -Metal Bonded $Ru_3+(\frac{1}{4}-OR)_2Ru_3$ and $Ru_3.5+(\frac{1}{4}-OR)_2Ru_3.5$ Cores (R =) $Tj$ $ET$ $Q$ $0$ $0$ $z$ $g$ $T$ / $Over$		
41	Terpyridine platinum(II) complexes containing triazine di- or tri-thiolate bridges: structures, luminescence, electrochemistry, and aggregation. <i>Dalton Transactions</i> , 2012, 41, 11497.	1.6	25
42	$Ln^{\sim}Co$ -Based Rock-Salt-Type Porous Coordination Polymers: Vapor Response Controlled by Changing the Lanthanide Ion. <i>Inorganic Chemistry</i> , 2011, 50, 2061-2063.	1.9	24
43	Systematic structural control of multichromic platinum( $\pi$ )-diimine complexes ranging from ionic solid to coordination polymer. <i>Dalton Transactions</i> , 2012, 41, 1878-1888.	1.6	22
44	Metal-Dependent and Redox-Selective Coordination Behaviors of Metalloligand $[Mo^V(1,2-benzenedithiolato)_3]^{\sim}$ with $Cu^I/Ag^I$ Ions. <i>Inorganic Chemistry</i> , 2011, 50, 2859-2869.	1.9	20
45	Polytypic phase transition in alkyl chain-functionalized valence tautomeric complexes. <i>Dalton Transactions</i> , 2006, , 1377.	1.6	19
46	Acid-Base Behavior of Substituted Hydrazone Complexes Controlled by the Coordination Geometry. <i>Bulletin of the Chemical Society of Japan</i> , 2010, 83, 905-910.	2.0	19
47	Formation of 3D networks by H-bonding from novel trinuclear or 1D chain complexes of zinc(II) and cadmium(II) with isonicotinic acid analogues and the effects of $\pi$ - $\pi$ stacking. <i>CrystEngComm</i> , 2005, 7, 411.	1.3	18
48	Systematic Syntheses and Metalloligand Doping of Flexible Porous Coordination Polymers Composed of a $Co(III)$ - $\pi$ -Metalloligand. <i>Inorganic Chemistry</i> , 2015, 54, 2522-2535.	1.9	18
49	Substituent-Directed Structural and Physicochemical Controls of Diruthenium Catecholate Complexes with Ligand-Unsupported $Ru^{\sim}Ru$ Bonds. <i>Inorganic Chemistry</i> , 2005, 44, 3799-3809.	1.9	17
50	Modulable cooperativity in a valence tautomeric complex functionalized with branched alkyl chains. <i>Chemical Communications</i> , 2010, 46, 3729.	2.2	16
51	Synchronic Transformations of Molecular States and Macroscopic Phases in Valence- $\pi$ Tautomeric Complexes. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 642-652.	1.0	15
52	Effects of Counteranions on the Structures and Redox and Spectroscopic Properties of Diruthenium Catecholate Complexes with Ligand-Unsupported $Ru^{\sim}Ru$ Bonds. <i>Inorganic Chemistry</i> , 2005, 44, 3810-3817.	1.9	14
53	Bimodal three-membered valence tautomerism of an alkyl chain-functionalized manganese dioxolene complex. <i>Chemical Communications</i> , 2009, , 4085.	2.2	13
54	Syntheses and crystal structures of mononuclear rhodium hydrido complexes from the reactions of $[Rh(H)_2(PPh_3)_2(EtOH)_2]ClO_4$ with various nitrogen ligands. <i>Polyhedron</i> , 2002, 21, 1613-1620.	1.0	12

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55	ONâ€“OFF Switching of the Solvatochromic Behavior of a Copper(II)â€“Hydrazone Complex Induced by Protonation/Deprotonation. <i>Chemistry Letters</i> , 2011, 40, 1335-1337.	0.7	12
56	Impact of Groupâ€“10 Metals on the Solventâ€“Induced Disproportionation of <i>o</i> -Semiquinonato Complexes. <i>Chemistry - A European Journal</i> , 2019, 25, 8268-8278.	1.7	11
57	Integration of Alkyl-Substituted Bipyridyl Benzenedithiolato Platinum(II) Complexes with Cadmium(II) Ion via Selective Dative Bond Formation. <i>Inorganic Chemistry</i> , 2013, 52, 4324-4334.	1.9	10
58	Hysteretic vapour response of a heterodinuclear platinum(ii)â€“copper(ii) complex derived from the dimer-of-dimer motif and the guest-absorbing site. <i>Dalton Transactions</i> , 2014, 43, 7514.	1.6	10
59	Photoinduced Dimerization Reaction Coupled with Oxygenation of a Platinum(II)â€“Hydrazone Complex. <i>Inorganic Chemistry</i> , 2014, 53, 2573-2581.	1.9	10
60	Immobilization of a Redox-active Catecholato Pt(II) Complex on an Indium-doped Tin Oxide Electrode via Phosphonate Anchors. <i>Chemistry Letters</i> , 2014, 43, 1189-1191.	0.7	10
61	New coordination networks constructed from N-(4-pyridyl)isonicotinamide. <i>Crystal Engineering</i> , 1999, 2, 115-122.	0.7	9
62	Formation of a Ligand-based Mixed-valence Cluster Triggered by Dehydration Condensation of Semiquinonates witho-Phenylenediamines. <i>Chemistry Letters</i> , 2005, 34, 402-403.	0.7	9
63	Allosteric binding of amino alcohols and diamines by dimeric zinc biladienone. <i>Tetrahedron Letters</i> , 2009, 50, 536-539.	0.7	8
64	Coordination site-dependent cation binding and multi-responsible redox properties of Janus-head metalloligand, [MoV(1,2-mercaptophenolato)3]. <i>Dalton Transactions</i> , 2012, 41, 8303.	1.6	8
65	Structural and Spectroscopic Characterization of a Diruthenium-Dioxolene Complex Possessing a Singly Occupied Molecular Orbital Delocalized over the Entire Molecule, [Ru2(3,6-DTBDiox)4]-. <i>Inorganic Chemistry</i> , 2006, 45, 3990-3997.	1.9	7
66	Voltammetric Antioxidant Analysis in Mineral Oil Samples Immobilized into Boronâ€“Doped Diamond Micropore Array Electrodes. <i>Electroanalysis</i> , 2009, 21, 1341-1347.	1.5	7
67	A New Class of Cyclic Hexamer: [Co(6)L(6)](24-) (H(6)L=hexaazatriphenylene hexacarboxylic acid). <i>Angewandte Chemie - International Edition</i> , 2001, 40, 3817-3819.	7.2	7
68	Synthesis, structure and photophysical properties of a flavin-based platinum(ii) complex. <i>Dalton Transactions</i> , 2011, 40, 3484.	1.6	6
69	Self-association and columnar liquid crystalline phase of cationic alkyl-substituted-bipyridine benzenedithiolato gold(iii) complexes. <i>Dalton Transactions</i> , 2013, 42, 15995.	1.6	6
70	Synthesis and Vapor-adsorption Behavior of a Flexible Porous Coordination Polymer Built from a Bis(bipyridyl)â€“Cu(I) Metalloligand. <i>Chemistry Letters</i> , 2014, 43, 1070-1072.	0.7	6
71	Spontaneous Construction of Nanoneedles Using Ruthenium Complex-conjugated Porphyrins on Substrates. <i>Chemistry Letters</i> , 2014, 43, 1201-1203.	0.7	6
72	Direct Photochemical Câ€“H Carboxylation of Aromatic Diamines with CO2 under Electron-Donor- and Base-free Conditions. <i>Scientific Reports</i> , 2018, 8, 14623.	1.6	6

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73	Molecular Insights into the Ligand-Based Six-Proton and Six-Electron Transfer Processes Between Tris-ortho-Phenylenediamines and Tris-ortho-Benzoquinodiimines. Chemistry - A European Journal, 2020, 26, 9609-9619.	1.7	6
74	Structural, Spectroscopic and Magnetic Properties of Charge-Transfercomplex, (TMTSF)[Cr(Cl4SO)2(Cl4Cat)]· 0.5CH2Cl2. Molecular Crystals and Liquid Crystals, 1999, 335, 183-192.	0.3	5
75	Hydrogen-Bond Network of Dimeric Copper Complex of Vanillic Acid (HVA), [Cu(VA)2(H2O)]2. Molecular Crystals and Liquid Crystals, 2000, 342, 97-102.	0.3	5

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91	Structural and Spectroscopic Studies on the Interactions of <i>ortho</i> -Phenylenediamine and Li <sup>+</sup> , Na <sup>+</sup> , Mg <sup>2+</sup> , or Ca <sup>2+</sup> Ions. Chemistry Letters, 2017, 46, 232-235.	0.7	1
92	Excited-state hydrogen detachment from a tris-( <i>o</i> -phenylenediamine) iron(ii) complex in THF at room temperature. Chemical Communications, 2020, 56, 15414-15417.	2.2	1
93	Tunable Synchronicity of Molecular Valence Tautomerism with Macroscopic Solid-Liquid Transition by Molecular Lattice Engineering. Chemistry - A European Journal, 2021, 27, 16354-16366.	1.7	1
94	Light-induced electron transfer/phase migration of a redox mediator for photocatalytic C-C coupling in a biphasic solution. Dalton Transactions, 0, , .	1.6	1
95	Cover Picture: Expanding and Shrinking Porous Modulation Based on Pillared-Layer Coordination Polymers Showing Selective Guest Adsorption (Angew. Chem. Int. Ed. 25/2004). Angewandte Chemie - International Edition, 2004, 43, 3205-3205.	7.2	0
96	Temperature-Controlled Hydrothermal Synthesis of a 2D Ferromagnetic Coordination Bilayered Polymer and a Novel 3D Network with Inorganic Co <sub>3</sub> (OH) <sub>2</sub> Ferrimagnetic Chains.. ChemInform, 2004, 35, no.	0.1	0
97	Third-order nonlinear optical properties of soluble Cr(III)-dioxolene complexes. , 2004, , .		0
98	A Facile and Versatile Preparation of Bilindiones and Biladienones from Tetraarylporphyrins.. ChemInform, 2005, 36, no.	0.1	0
99	Tuning the Electron Acceptability of the [Mo <sub>6</sub> S <sub>8</sub> ] Cluster Core by Decorating It with Methyl Groups on the Face-Bridging μ <sub>3</sub> -Sulfides. European Journal of Inorganic Chemistry, 2018, 2018, 3884-3884.	1.0	0
100	Assembled Functional Chemistry of Redox-active Complexes. Bulletin of Japan Society of Coordination Chemistry, 2009, 53, 24-32.	0.1	0