

# Ho-Chol Chang

## List of Publications by Year in descending order

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102  
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4,952  
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105849

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75688

70  
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111  
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docs citations

111  
times ranked

3889  
citing authors

#	ARTICLE	IF	CITATIONS
1	Switching of the redox centers of a tris-2-mercaptophenolato chromium(III) metalloligand by a guest metal ion. Dalton Transactions, 2023, 52, 1538-1542.	3.3	0
2	Photoexcited charge manipulation in conjugated polymers bearing a Ru(II) complex catalyst for visible-light CO <sub>2</sub> reduction. Journal of Materials Chemistry A, 2022, 10, 19821-19828.	10.3	6
3	Light-induced electron transfer/phase migration of a redox mediator for photocatalytic C=C coupling in a biphasic solution. Dalton Transactions, 2022, 51, 9467-9476.	3.3	1
4	Synthesis of Microporous Aluminosilicate by Direct Thermal Activation of Phenyl-Substituted Single-Source Aluminosilicate Molecular Precursors. Inorganic Chemistry, 2022, 61, 13481-13496.	4.1	1
5	Functional Group-Directed Photochemical Reactions of Aromatic Alcohols, Amines, and Thiols Triggered by Excited-State Hydrogen Detachment: Additive-free Oligomerization, Disulfidation, and C(sp <sup>2</sup> )-H Carboxylation with CO <sub>2</sub> . Journal of Organic Chemistry, 2021, 86, 959-969.	3.2	2
6	Tunable Synchronicity of Molecular Valence Tautomerism with Macroscopic Solid-Liquid Transition by Molecular Lattice Engineering. Chemistry - A European Journal, 2021, 27, 16354-16366.	3.8	1
7	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.	4.1	1
8	Facile and selective synthesis of zeolites L and W from a single-source heptanuclear aluminosilicate precursor. CrystEngComm, 2020, 22, 5862-5870.	2.3	3
9	Molecular Insights into the Ligand-Based Six-Proton- and Six-Electron-Transfer Processes Between Tris( <i>ortho</i> -Phenylenediamines and Tris( <i>ortho</i> -Benzoquinodiamines. Chemistry - A European Journal, 2020, 26, 9609-9619.	3.8	6
10	Impact of Group 10 Metals on the Solvent-Induced Disproportionation of <i>o</i> -Semiquinonato Complexes. Chemistry - A European Journal, 2019, 25, 8268-8278.	3.8	12
11	Tuning the Mesomorphism and Redox Response of Anionic-Ligand-Based Mixed-Valent Nickel(II) Complexes by Alkyl-Substituted Quaternary Ammonium Cations. Chemistry - A European Journal, 2018, 24, 7398-7409.	3.8	3
12	Direct Photochemical C-H Carboxylation of Aromatic Diamines with CO <sub>2</sub> under Electron-Donor- and Base-free Conditions. Scientific Reports, 2018, 8, 14623.	3.4	6
13	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 $\mu_3$ -Sulfides. European Journal of Inorganic Chemistry, 2018, 2018, 3900-3904.	2.2	2
14	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.	1.4	1
15	Coordination Behavior of <i>N</i> , <i>N</i> <sup>2</sup> -Bis(diisopropylphosphinoacetyl)- <i>o</i> -phenylenediamide with Ni <sup>II</sup> and Cu <sup>I</sup> Ions. European Journal of Inorganic Chemistry, 2017, 2017, 3498-3507.	2.2	3
16	A Coordination Network with Ligand-Centered Redox Activity Based on <i>facial</i> -[Cr <sup>III</sup> (2-mercaptophenolato) <sub>3</sub> ] <sup>3+</sup> Metalloligands. Chemistry - A European Journal, 2017, 23, 9919-9925.	3.8	2
17	Shape-Memory Platinum(II) Complexes: Intelligent Vapor-History Sensor with ON/OFF Switching Function. Chemistry - A European Journal, 2016, 22, 2682-2690.	3.8	70
18	Dehydrogenation of anhydrous methanol at room temperature by <i>o</i> -aminophenol-based photocatalysts. Nature Communications, 2016, 7, 12333.	12.8	32

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19	Highly polar solvent-induced disproportionation of a cationic Pt(II) diimine complex containing an o-semiquinonato. <i>Dalton Transactions</i> , 2016, 45, 4974-4977.	3.3	5
20	Syntheses and Structures of Molybdenum-Oxo Complexes Prepared by the Reactions of [MoI <sub>2</sub> (OAc) <sub>4</sub> ] with <i>tert</i> -Butyl- or Bromo-Substituted Catechols. <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 74-83.	3.3	4
21	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.	4.1	70
22	Systematic Syntheses and Metalloligand Doping of Flexible Porous Coordination Polymers Composed of a Co(III) Metalloligand. <i>Inorganic Chemistry</i> , 2015, 54, 2522-2535.	4.1	18
23	Interactions between the trianionic ligand-centred redox-active metalloligand [Cr <sup>III</sup> (perfluorocatecholato) <sub>3</sub> ] <sup>3-</sup> and guest metal ions. <i>Dalton Transactions</i> , 2015, 44, 14304-14314.	3.3	3
24	Hysteretic vapour response of a heterodinuclear platinum(II)-copper(II) complex derived from the dimer-of-dimer motif and the guest-absorbing site. <i>Dalton Transactions</i> , 2014, 43, 7514.	3.3	12
25	Photoinduced Dimerization Reaction Coupled with Oxygenation of a Platinum(II) Hydrazone Complex. <i>Inorganic Chemistry</i> , 2014, 53, 2573-2581.	4.1	11
26	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.	4.1	32
27	Synthesis and Vapor-adsorption Behavior of a Flexible Porous Coordination Polymer Built from a Bis(bipyridyl)-Cu(I) Metalloligand. <i>Chemistry Letters</i> , 2014, 43, 1070-1072.	1.4	6
28	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.	1.4	10
29	Spontaneous Construction of Nanoneedles Using Ruthenium Complex-conjugated Porphyrins on Substrates. <i>Chemistry Letters</i> , 2014, 43, 1201-1203.	1.4	6
30	Self-association and columnar liquid crystalline phase of cationic alkyl-substituted-bipyridine benzenedithiolato gold(III) complexes. <i>Dalton Transactions</i> , 2013, 42, 15995.	3.3	6
31	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.	4.1	10
32	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.	3.3	39
33	Nonprecious-Metal-Assisted Photochemical Hydrogen Production from <i>ortho</i> -Phenylenediamine. <i>Journal of the American Chemical Society</i> , 2013, 135, 8646-8654.	14.1	53
34	Synchronic Transformations of Molecular States and Macroscopic Phases in Valence-Tautomeric Complexes. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 642-652.	2.2	15
35	Photo- and Vapor-Controlled Luminescence of Rhombic Dicopper(I) Complexes Containing Dimethyl Sulfoxide. <i>Inorganic Chemistry</i> , 2013, 52, 13188-13198.	4.1	63
36	Terpyridine platinum(II) complexes containing triazine di- or tri-thiolate bridges: structures, luminescence, electrochemistry, and aggregation. <i>Dalton Transactions</i> , 2012, 41, 11497.	3.3	26

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37	Systematic structural control of multichromic platinum(II)-diimine complexes ranging from ionic solid to coordination polymer. Dalton Transactions, 2012, 41, 1878-1888.	3.3	22
38	Vapor-Controlled Linkage Isomerization of a Vapochromic Bis(thiocyanato)platinum(II) Complex: New External Stimuli To Control Isomerization Behavior. Inorganic Chemistry, 2012, 51, 7508-7519.	4.1	50
39	Coordination site-dependent cation binding and multi-responsible redox properties of Janus-head metalloligand, [MoV(1,2-mercaptophenolato) <sub>3</sub> ]. Dalton Transactions, 2012, 41, 8303.	3.3	8
40	Synthesis, structure and photophysical properties of a flavin-based platinum(II) complex. Dalton Transactions, 2011, 40, 3484.	3.3	6
41	Vapour-adsorption and chromic behaviours of luminescent coordination polymers composed of a Pt(II)-diimine metalloligand and alkaline-earth metal ions. Dalton Transactions, 2011, 40, 8012.	3.3	39
42	Metal-Dependent and Redox-Selective Coordination Behaviors of Metalloligand [Mo <sup>V</sup> (1,2-benzenedithiolato) <sub>3</sub> ] <sup>+</sup> with Cu <sup>I</sup> /Ag <sup>I</sup> Ions. Inorganic Chemistry, 2011, 50, 2859-2869.	4.1	20
43	Chromic Behaviors of Hexagonal Columnar Liquid Crystalline Platinum Complexes with Catecholato, 2-Thiophenolato, and Benzenedithiolato. Inorganic Chemistry, 2011, 50, 4279-4288.	4.1	31
44	Ln <sup>III</sup> -Co-Based Rock-Salt-Type Porous Coordination Polymers: Vapor Response Controlled by Changing the Lanthanide Ion. Inorganic Chemistry, 2011, 50, 2061-2063.	4.1	25
45	Dimensionality Control of Vapochromic Hydrogen-Bonded Proton-Transfer Assemblies Composed of a Bis(hydrazone)iron(II) Complex. Inorganic Chemistry, 2011, 50, 8308-8317.	4.1	29
46	Structures and Luminescence Properties of Cyclometalated Dinuclear Platinum(II) Complexes Bridged by Pyridinethiolate Ions. Bulletin of the Chemical Society of Japan, 2011, 84, 218-225.	3.3	46
47	ON <sup>+</sup> OFF Switching of the Solvatochromic Behavior of a Copper(II) Hydrazone Complex Induced by Protonation/Deprotonation. Chemistry Letters, 2011, 40, 1335-1337.	1.4	12
48	Acid-Base Behavior of Substituted Hydrazone Complexes Controlled by the Coordination Geometry. Bulletin of the Chemical Society of Japan, 2010, 83, 905-910.	3.3	19
49	Modulable cooperativity in a valence tautomeric complex functionalized with branched alkyl chains. Chemical Communications, 2010, 46, 3729.	4.1	16
50	Voltammetric Antioxidant Analysis in Mineral Oil Samples Immobilized into Boron-Doped Diamond Micropore Array Electrodes. Electroanalysis, 2009, 21, 1341-1347.	3.0	8
51	Allosteric binding of amino alcohols and diamines by dimeric zinc biladienone. Tetrahedron Letters, 2009, 50, 536-539.	1.3	9
52	Polymorph-Dependent Molecular Valence Tautomerism Synchronized with Crystal-Melt Phase Transitions. Chemistry of Materials, 2009, 21, 1980-1988.	6.8	27
53	Bimodal three-membered valence tautomerism of an alkyl chain-functionalized manganese dioxolene complex. Chemical Communications, 2009, , 4085.	4.1	13
54	Assembled Functional Chemistry of Redox-active Complexes. Bulletin of Japan Society of Coordination Chemistry, 2009, 53, 24-32.	0.3	0

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55	Ambipolar, Single-Component, Metal-Organic Thin-Film Transistors with High and Balanced Hole and Electron Mobilities. <i>Advanced Materials</i> , 2008, 20, 3399-3403.	23.6	33
56	Dynamic torsional motion of a diruthenium complex with four homo-catecholates and first synthesis of a diruthenium complex with mixed-catecholates. <i>Journal of Molecular Structure</i> , 2008, 890, 303-308.	3.7	2
57	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.	14.1	79
58	A redox-active columnar metallomesogen and its cyclic voltammetric responses. <i>Journal of Materials Chemistry</i> , 2007, 17, 4136.	6.7	44
59	Polytypic phase transition in alkyl chain-functionalized valence tautomeric complexes. <i>Dalton Transactions</i> , 2006, , 1377.	3.3	19
60	Structural and Spectroscopic Characterization of a Diruthenium-Dioxolene Complex Possessing a Singly Occupied Molecular Orbital Delocalized over the Entire Molecule, [Ru <sub>2</sub> (3,6-DTBDiox) <sub>4</sub> ]-. <i>Inorganic Chemistry</i> , 2006, 45, 3990-3997.	4.1	7
61	Effect of Countercations on the Structural Isomerization of a Dianionic Diruthenium Complex with a Ligand-unsupported Ru-Ru Bond. <i>Chemistry Letters</i> , 2005, 34, 1662-1663.	1.4	2
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.	1.4	9
63	Porous lanthanide-organic framework with zeolite-like topology. <i>Chemical Communications</i> , 2005, , 2436.	4.1	179
64	Effect of the Metal-Assisted Assembling Mode on the Redox States of Hexaazatriphenylene Hexacarbonitrile. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 2700-2704.	14.2	50
65	Effect of the Metal-Assisted Assembling Mode on the Redox States of Hexaazatriphenylene Hexacarbonitrile. <i>Angewandte Chemie</i> , 2005, 117, 2760-2764.	2.1	25
66	A Facile and Versatile Preparation of Bilindiones and Biladienones from Tetraarylporphyrins.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
67	A facile and versatile preparation of bilindiones and biladienones from tetraarylporphyrins. <i>Chemical Communications</i> , 2005, , 1309.	4.1	36
68	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.	2.3	19
69	Effects of Countercations on the Structures and Redox and Spectroscopic Properties of Diruthenium Catecholate Complexes with Ligand-Unsupported Ru-Ru Bonds. <i>Inorganic Chemistry</i> , 2005, 44, 3810-3817.	4.1	14
70	Substituent-Directed Structural and Physicochemical Controls of Diruthenium Catecholate Complexes with Ligand-Unsupported Ru-Ru Bonds. <i>Inorganic Chemistry</i> , 2005, 44, 3799-3809.	4.1	17
71	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.	4.1	92
72	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.	14.1	52

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73	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.	14.2	559
74	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.	14.2	381
75	A Neutral 3D Copper Coordination Polymer Showing 1D Open Channels and the First Interpenetrating NbO-Type Network. <i>Angewandte Chemie</i> , 2004, 116, 194-197.	2.1	41
76	Expanding and Shrinking Porous Modulation Based on Pillared-Layer Coordination Polymers Showing Selective Guest Adsorption. <i>Angewandte Chemie</i> , 2004, 116, 3331-3334.	2.1	94
77	Titelbild: Expanding and Shrinking Porous Modulation Based on Pillared-Layer Coordination Polymers Showing Selective Guest Adsorption ( <i>Angew. Chem.</i> 25/2004). <i>Angewandte Chemie</i> , 2004, 116, 3267-3267.	2.1	0
78	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.	3.8	92
79	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. <i>Chemical Communications</i> , 2004, , 418-419.	4.1	220
80	Third-order nonlinear optical properties of soluble Cr(III)-dioxolene complexes. , 2004, , .		0
81	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.	2.2	45
82	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.	2.5	46
83	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/b210914j/">http://www.rsc.org/suppdata/cc/b2/b210914j/</a> . <i>Chemical Communications</i> , 2003, , 428-429.	4.1	151
84	Cation-templated construction of three-dimensional $\sqrt{3} \times \sqrt{3} \times 1$ -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 = dicyanamide; for A = benzyltributylammonium,) <i>Tj ETQq0 0</i> 2.6 81 779-782.	2.6	81
85	Formation of a One-Dimensional Array of Oxygen in a Microporous Metal-Organic Solid. <i>Science</i> , 2002, 298, 2358-2361.	19.6	601
86	X-ray Crystal Structures and Two-dimensional $\pi$ - $\pi$ Stacking Interaction of Cr III (X 4 SQ) 3 $\cdot$ 4C 6 H 6 (X=Cl and Br). <i>Molecular Crystals and Liquid Crystals</i> , 2002, 376, 275-282.	0.9	3
87	Solvent-Dependent Formation of Di- and Trinuclear Rhodium and Iridium Complexes Bridged by N <sub>2</sub> -Donor Ligands. <i>Bulletin of the Chemical Society of Japan</i> , 2002, 75, 267-275.	3.3	30
88	Pseudo-Polyrotaxane and $\sqrt{2}$ -Sheet Layer-Based Three-Dimensional Coordination Polymers Constructed with Silver Salts and Flexible Pyridyl-Type Ligands. <i>Inorganic Chemistry</i> , 2002, 41, 4846-4848.	4.1	194
89	Synthesis and Ligand-Based Mixed Valency of cis- and trans-Cr(III)(X <sub>4</sub> SQ)(X <sub>4</sub> Cat)(L) <sub>n</sub> (X = Cl and Br, n = 1) <i>Tj ETQq1 1</i> 0.784314 rgBT /Ov 4.1 33 Dissociation of Cr(III)(X <sub>4</sub> SQ) <sub>3</sub> . <i>Inorganic Chemistry</i> , 2002, 41, 4444-4452.	4.1	33
90	Out-of-plane dimers of Mn(III) quadridentate Schiff-base complexes with saltmen <sup>2+</sup> and naphmen <sup>2+</sup> ligands: structure analysis and ferromagnetic exchange. <i>Dalton Transactions RSC</i> , 2002, , 1528-1534.	2.1	160

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