Hui-Lien Tsai

List of Publications by Year
in descending order

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51 papers	2,700 citations	236925 25 h-index	182427 51 g-index
51 all docs	51 docs citations	51 times ranked	2060 citing authors

#	Article	IF	Citations
1	Synthesis and bio-catalytic activity of isostructural cobalt(III)-phenanthroline complexes. Journal of Chemical Sciences, 2015, 127, 649-661.	1.5	22
2	A helical salicyladoxime-based manganese triangle chain with single-molecule magnet behavior. Inorganic Chemistry Communication, 2015, 55, 112-115.	3.9	5
3	Synthesis, structure, and magnetic properties of a tetradecanuclear manganese complex. Polyhedron, 2013, 66, 245-251.	2.2	5
4	Response to the Comment on â€œCrystallographic Space Group Choice and Its Chemical Consequences: Revised Crystal Structure of [Fe(phen)2Cl2]NO3â€• European Journal of Inorganic Chemistry, 2013, 2013, 2470-2472.	2.0	1
5	A thiocyanate-based hybrid molecular salt as a new fluorescent chemosensor for fluoride. Journal of Coordination Chemistry, 2012, 65, 2280-2293.	2.2	6
6	Mn₄ Single-Molecule-Magnet-Based Polymers of a One-Dimensional Helical Chain and a Three-Dimensional Network: Syntheses, Crystal Structures, and Magnetic Properties. Inorganic Chemistry, 2012, 51, 13171-13180.	4.0	41
7	Metamagnetic behavior and moisture-absorption induced reversible network assembly of a cobalt-1,2,4-benzenetricarboxylate supramolecular network. CrystEngComm, 2012, 14, 1317-1323.	2.6	3
8	Efficient and Selective Oxidation of Primary and Secondary Alcohols Using an Iron(III)/Phenanthroline Complex: Structural Studies and Catalytic Activity. European Journal of Inorganic Chemistry, 2012, 2012, 4479-4485.	2.0	62
9	Mixed-metal single-molecule magnets: Syntheses, structure, and magnetic properties of [Mn8Fe4O12(O2CR)16(H2O)4] (R=CH2Cl, CH2Br, CHCl2). Polyhedron, 2011, 30, 2969-2977.	2.2	6
10	Molecular architecture based on manganese triangles: Monomer, dimer, and one-dimensional polymer. Polyhedron, 2011, 30, 3265-3271.	2.2	12
11	Crystal packing effects within [MnIII3O]7+ single-molecule magnets: Controlling intermolecular antiferromagnetic interactions. Polyhedron, 2011, 30, 3272-3278.	2.2	11
12	A new dodecanuclear manganese single-molecule magnet from the arrangement of manganese triangles. Inorganic Chemistry Communication, 2011, 14, 1136-1139.	3.9	9
13	Crystal Engineering of Three Netâ€toâ€Net Intersecting Metalâ€“Organic Frameworks from Two Comparable Organic Linking Squares. European Journal of Inorganic Chemistry, 2010, 2010, 3750-3755.	2.0	15
14	A manganese single-chain magnet exhibits a large magnetic coercivity. Chemical Communications, 2010, 46, 5716.	4.1	55
15	Slow Magnetic Relaxation in an Octanuclear Manganese Chain. Inorganic Chemistry, 2010, 49, 7617-7619.	4.0	25
16	Bioinspired Catalytic Conjugate Additions of Thiophenols to Î±,Î²-Enones by a Disubstituted Benzoate-Bridged Nickel Mimic for the Active Site of Urease. Organometallics, 2010, 29, 2874-2881.	2.3	15
17	A New Manganese Coordination Polymer Containing 1,2,4-Benzenetricarboxylic Acid. European Journal of Inorganic Chemistry, 2009, 2009, 3661-3666.	2.0	16
18	Synthesis, structures and magnetic properties of two hexanuclear complexes. Polyhedron, 2009, 28, 1842-1851.	2.2	20

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19	Mixed-Valence Tetra- and Hexanuclear Manganese Complexes from the Flexibility of Pyridine-Containing Î²-Diketone Ligands. Inorganic Chemistry, 2008, 47, 1925-1939.	4.0	35
20	A [MnIII3O]7+Single-Molecule Magnet: the Anisotropy Barrier Enhanced by Structural Distortion. Inorganic Chemistry, 2008, 47, 10184-10186.	4.0	46
21	A Pentanuclear Manganese Single-Molecule Magnet with a Large Anisotropy. Journal of the American Chemical Society, 2007, 129, 456-457.	13.7	147
22	Synthesis, structure, and magnetic properties of a hexanuclear manganese complex. Polyhedron, 2007, 26, 1805-1810.	2.2	6
23	A New Hexanuclear Manganese Complex Exhibits Superparamagnetic Behavior. Chemistry Letters, 2006, 35, 724-725.	1.3	3
24	A Mixed-metal Single-molecule Magnet: [Mn8Fe4O12(O2CCH2Cl)16(H2O)4]. Chemistry Letters, 2005, 34, 288-289.	1.3	11
25	Syntheses, structures and single-molecule magnetic behaviors of two dicubane Mn4 complexes. Polyhedron, 2005, 24, 2215-2221.	2.2	34
26	Single-molecule magnets: [Mn12O12(O2CCF2Cl)16(H2O)4]0/â^'. Polyhedron, 2005, 24, 2205-2214.	2.2	16
27	Syntheses, Structures, and Magnetic Properties of Two 1D, Mixed-Ligand, Metal Coordination Polymers, [M(C4O4)(dpa)(OH2)] (M = CoII, NiII, and ZnII; dpa = 2,2'-dipyridylamine) and [Cu(C4O4)(dpa)(H2O)]2Â·(H2O). European Journal of Inorganic Chemistry, 2005, 2005, 1334-1342.	2.0	32
28	Crystal Engineering: Toward Intersecting Channels from a Neutral Network with a bcu-Type Topology. Angewandte Chemie - International Edition, 2005, 44, 6063-6067.	13.8	193
29	Temperature dependence of the resonant tunneling fields in high-spin molecules. Journal of Applied Physics, 2004, 95, 6888-6890.	2.5	1
30	A Novel Hybrid Supramolecular Network Assembled from Perfect ??? Stacking of an Anionic Inorganic Layer and a Cationic Hydronium-Ion-Mediated Organic Layer. European Journal of Inorganic Chemistry, 2004, 2004, 4253-4258.	2.0	52
31	Mixed Ground-State in the Trinuclear Complex: [Mn3O(O2CCCl3)6(H2O)3]. Journal of the Chinese Chemical Society, 2003, 50, 1139-1146.	1.4	4
32	Assembly of a Robust, Thermally Stable Porous Cobalt(II) Nicotinate Framework Based on a Dicobalt Carboxylate Unit. Inorganic Chemistry, 2001, 40, 6426-6431.	4.0	71
33	A single-molecular magnet: [Mn12O12(O2CCH2Br)16(H2O)4]. Inorganic Chemistry Communication, 2001, 4, 511-514.	3.9	32
34	Hydrothermal Syntheses and Crystal Structures of Ni(II), Co(II), and Cu(II), Bis(trans-4-pyridylacrylate) Interpenetration Networks. Journal of Solid State Chemistry, 2001, 157, 166-172.	2.9	26
35	Hydrothermal Synthesis, Crystal Structure, and Magnetic Property of Copper(II) Coordination Networks with Chessboard Tunnels. Journal of Solid State Chemistry, 2001, 158, 315-319.	2.9	39
36	High Spin Molecules: [Mn12O12(O2CCH2Cl)16(H2O)4] and the One-electron Reduction Product [PPh4][Mn12O12(O2CCH2Cl)16(H2O)3]. Chemistry Letters, 2000, 29, 346-347.	1.3	15

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37	Manganese carboxylate clusters: from structuralaesthetics to single-molecule magnets. Polyhedron, 1998, 17, 3005-3020.	2.2	189
38	[Mn3O(O2CPh)6(py)2]2(4,4â€²-bpy) and [Mn9O7(O2CC6H4-p-OMe)13 (4,4â€²-bpy)]2: new multinuclear manganese complexes. Inorganica Chimica Acta, 1997, 263, 323-340.	2.4	31
39	Tetranuclear and Octanuclear Manganese Carboxylate Clusters:Â Preparation and Reactivity of (NBun4)[Mn4O2(O2CPh)9(H2O)] and Synthesis of (NBun4)2[Mn8O4(O2CPh)12(Et2mal)2(H2O)2] with a â€œLinked-Butterflyâ€•Structure. Inorganic Chemistry, 1996, 35, 6437-6449.	4.0	131
40	Modeling the Photosynthetic Water Oxidation Center:Â Chloride/Bromide Incorporation and Reversible Redox Processes in the Complexes Mn4O3X(OAc)3(dbm)3(X = Cl, Br) and (pyH)3[Mn4O3Cl7(OAc)3]. Inorganic Chemistry, 1996, 35, 7578-7589.	4.0	88
41	Distorted MnIVMnIII3 Cubane Complexes as Single-Molecule Magnets. Journal of the American Chemical Society, 1996, 118, 7746-7754.	13.7	412
42	High Spin Molecules: A Structural and Magnetic Comparison of High Nuclearity Manganese Carboxylate Aggregates. Molecular Crystals and Liquid Crystals, 1995, 274, 159-166.	0.3	14
43	High Spin Molecules: Unusual Magnetic Susceptibility Relaxation Behavior of a Dodecanuclear Manganese Aggregate in Two Oxidation States. Molecular Crystals and Liquid Crystals, 1995, 274, 167-173.	0.3	15
44	High-Spin Molecules: (NBun4)[Mn8O6Cl6(O2CPh)7(H2O)2] (S = 11) and [Mn9Na2O7(O2CPh)15(MeCN)2] (S) Tj ETQq0 0 0 rgBT /Ove	13.7	69
45	High-Spin Molecules: Unusual Magnetic Susceptibility Relaxation Effects in [Mn12O12(O2CEt)16(H2O)3] (S = 9) and the One-Electron Reduction Product (PPh4)[Mn12O12(O2CEt)16(H2O)4] (S = 19/2). Journal of the American Chemical Society, 1995, 117, 301-317.	13.7	442
46	High-Spin Molecules: Iron(III) Incorporation into [Mn12O12(O2CMe)16(H2O)4] To Yield [Mn8Fe4O12(O2CMe)16(H2O)4] and Its Influence on the S = 10 Ground State of the Former. Inorganic Chemistry, 1994, 33, 6020-6028.	4.0	49
47	Covalent linkage of [Mn4O2(O2CPh)6(dbm)2] into a dimer and a one-dimensional polymer (dbmH =) Tj ETQq1 1 0.784314 rgBT /Ove	2.0	46
48	High spin molecules: (NBun 4)2[Mn8O4(O2CPh)12(Et2mal)2(H2O)2], a mixed-valence managenese(II/III) aggregate with dicarboxylate ligation, an unusual linked-butterfly structure, and an S= 3 ground state. Journal of the Chemical Society Chemical Communications, 1994, , 1031.	2.0	15
49	New Structural Type in Manganese Carboxylate Chemistry via Coupled Oxidation/Oxide Incorporation: Potential Insights into Photosynthetic Water Oxidation. Journal of the American Chemical Society, 1994, 116, 8376-8377.	13.7	53
50	Bromide incorporation into a high-oxidation-state manganese aggregate, and reversible redox processes for the [Mn4O3X(OAc)3(dbm)3](X = Cl, Br) complexes. Journal of the Chemical Society Chemical Communications, 1992, , 1427.	2.0	21
51	High nuclearity molecular species exhibiting spin frustration: fusion of two Mn III 4O2 butterfly complexes to yield an intermediate spin ground state Mn III 7O4 complex. Journal of the Chemical Society Chemical Communications, 1992, , 677.	2.0	33