

Min-Xia Yao

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Single-Molecule-Magnetic, Cubane-Based, Triangular Co ₁₂ Supercluster. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1832-1835.	13.8	261
2	Controlled Synthesis of Heterotrimetallic Single-Chain Magnets from Anisotropic High-Spin 3d ⁴ of Nodes and Paramagnetic Spacers. <i>Chemistry - A European Journal</i> , 2013, 19, 294-303.	3.3	78
3	A unique 2D framework containing linear trimeric cobalt(II) of mixed Td ^h –Oh ^h –Td geometries linked by two different single-carboxylate-aromatic amine ligands: structure and magnetic properties. <i>Dalton Transactions</i> , 2008, , 2428.	3.3	71
4	Chiral Cyanide-Bridged Cr ^{III} –Mn ^{III} Heterobimetallic Chains Based on [(Tp)Cr(CN) ₃] ⁺ : Synthesis, Structures, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2012, 51, 2140-2149.	4.0	71
5	Syntheses, Structures, and Magnetic Properties of seven-coordinate Lanthanide Porphyrinate or Phthalocyaninate Complexes with K ⁺ 's Tripodal Ligand. <i>Inorganic Chemistry</i> , 2013, 52, 6407-6416.	4.0	58
6	Field-induced slow magnetic relaxation in chiral seven-coordinated mononuclear lanthanide complexes. <i>Dalton Transactions</i> , 2012, 41, 13682.	3.3	55
7	Enantiopure heterobimetallic single-chain magnets from the chiral Ru ^{III} building block. <i>Dalton Transactions</i> , 2014, 43, 933-936.	3.3	39
8	Rare single-molecule magnets with six-coordinate Ln ^{III} ions exhibiting a trigonal antiprism configuration. <i>Dalton Transactions</i> , 2016, 45, 10689-10695.	3.3	25
9	Crystal structures and magnetic properties of chiral heterobimetallic chains based on the dicyanoruthenate building block. <i>Dalton Transactions</i> , 2014, 43, 18047-18055.	3.3	17
10	Synthesis, structures and magnetism of heterodinuclear Ni–Ln complexes: field-induced single-molecule magnet behavior in the dysprosium analogue. <i>New Journal of Chemistry</i> , 2015, 39, 3467-3473.	2.8	17
11	Syntheses, Structures, and Magnetic Properties of Low-Dimensional Heterometallic Complexes Based on the Versatile Building Block [(Tp)Cr(CN) ₃] ⁺ . <i>Inorganic Chemistry</i> , 2011, 50, 8636-8644.	4.0	16
12	Synthesis and Study of Three Novel Macrocyclic Seleno[ferrocenophanes Containing a Naphthalene Unit. <i>Inorganic Chemistry</i> , 2013, 52, 5786-5793.	4.0	15
13	Self-assembly of rare octanuclear quad(double-stranded) cluster helicates showing slow magnetic relaxation and the magnetocaloric effect. <i>New Journal of Chemistry</i> , 2018, 42, 17652-17658.	2.8	15
14	Strong intramolecular Dy ^{III} –Dy ^{III} magnetic couplings up to 15.00 cm ^{−1} in phenoxy-bridged dinuclear 4f complexes. <i>New Journal of Chemistry</i> , 2020, 44, 2083-2090.	2.8	14
15	Crystal structure of a new complex of [3-(1 H-benzimidazol-yl)propionato- N][3-(1 H-benzimidazol-yl)propionic acid- N]silver(I), C ₂₀ H ₁₉ AgN ₄ O ₄ . <i>Journal of Coordination Chemistry</i> , 2007, 60, 1983-1987.	2.2	12
16	Hexanuclear Fe ^{III} Co ^{III} Mn ^{II} (M = Cu, Ni, Mn) clusters based on K ⁺ 's tripodal ligand and tricyanometalates: syntheses, structures and magnetic properties. <i>Dalton Transactions</i> , 2011, 40, 2204-2212.	3.3	10
17	Chiral cyanide-bridged 1D Fe ^{III} -Mn ^{III} heterobimetallic chains: Synthesis, structures and magnetic properties. <i>Science China Chemistry</i> , 2012, 55, 1022-1030.	8.2	10
18	Synthesis, structures and magnetism of a series of dinuclear and one-dimensional Ni–Ln complexes: single-molecule magnetic behavior in one-dimensional nitrate-bridged Dy analogue. <i>New Journal of Chemistry</i> , 2015, 39, 8356-8363.	2.8	9

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19	Synthesis, structures and magnetic properties of chiral 3d ⁴ -4f heterotrimetallic complexes based on [(Tp*)Fe(CN) ₃] ⁺ . <i>New Journal of Chemistry</i> , 2017, 41, 5988-5994.	2.8	9
20	Cyanide-bridged heterobimetallic magnetic complexes based on metalloporphyrinate and tricyanometalate building blocks. <i>New Journal of Chemistry</i> , 2016, 40, 365-371.	2.8	6
21	Synthesis, structures and magnetism of heterotrimetallic Ni ^{II} -Cu ^{II} -Ln complexes based on a dicompartmental imine-oxime ligand. <i>New Journal of Chemistry</i> , 2017, 41, 11097-11103.	2.8	6
22	The new dicyanoruthenium(III) building block with 2-hydroxyacetophenone imine for heterobimetallic complexes. <i>RSC Advances</i> , 2015, 5, 93470-93479.	3.6	5
23	Ligand field and anion-driven structures and magnetic properties of dysprosium complexes. <i>CrystEngComm</i> , 2021, 23, 2825-2834.	2.6	5
24	Synthesis, structures and magnetic properties of cyano- and amide-bridged Fe ^{III} -Ln ^{III} tetranuclear heterometallic clusters. <i>Journal of Coordination Chemistry</i> , 2019, 72, 1097-1107.	2.2	4
25	Synthesis, Structures, and Magnetic Properties of Chiral One-dimensional Cr ^{III} -Mn ^{III} Heterobimetallic Complexes Based on [(Tp)Cr(CN) ₃]-. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2016, 642, 14-19.	1.2	3