

Tian-Lu Sheng

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Influence of donor and acceptor substitution on the MMCT properties of binuclear cyanide bridged Schiff base compounds. <i>Polyhedron</i> , 2022, 213, 115639.	2.2	0
2	A Class III asymmetric binuclear cyanido-bridged mixed-valence complex. <i>New Journal of Chemistry</i> , 2022, 46, 7922-7927.	2.8	2
3	Effects of Cis/Trans configuration and Ligand Substitution of the Cyanidometal Bridge on Metal to Metal Charge Transfer Properties in Mixed Valence Complexes. <i>Chemistry - A European Journal</i> , 2022, , .	3.3	3
4	Influence of electron-donating ability of ligand and pH value on MLCT properties of cyanido-bridged complexes. <i>Inorganic Chemistry Communication</i> , 2022, 140, 109446.	3.9	0
5	Multiple MMCT properties of the diruthenium-based cyanido-bridged complex Ru ^{VI} 2-NC-Ru ^{III} -CN-Ru ^{VI} 2. <i>Dalton Transactions</i> , 2022, 51, 10047-10054.	3.3	4
6	The Electron Transfer Process in Mixed Valence Compounds with a Low-Lying Energy Bridge in Different Oxidation States. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4804-4814.	13.8	26
7	The Electron Transfer Process in Mixed Valence Compounds with a Low-Lying Energy Bridge in Different Oxidation States. <i>Angewandte Chemie</i> , 2021, 133, 4854-4864.	2.0	11
8	Tuning metal to metal charge transfer properties in cyanidometal-bridged complexes by changing the auxiliary ligand on the bridge. <i>Dalton Transactions</i> , 2021, 50, 6161-6169.	3.3	12
9	Influence of Fine Ligand Substitution Modification of the Isocyanidometal Bridge on Metal-Metal Charge Transfer Properties in Class II-III Mixed Valence Complexes. <i>Chemistry - A European Journal</i> , 2021, 27, 11183-11194.	3.3	12
10	Influence of Substitution Effect on MMCT in Mixed-Valence Cyanido-Bridged Fe ^{II} -Ru ^{II} -CN ² -Ru ^{III} -CN ² -Fe ^{II} System. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 3474-3480.	2.0	4
11	Effects of ligand substituents on the single-molecule magnetic behavior of quinonoid-bridged dicobalt compounds. <i>Dalton Transactions</i> , 2020, 49, 6738-6743.	3.3	6
12	A Diruthenium-Based Mixed Spin Complex Ru ^{II} 2-Ru ^{V+} 2(S ^{1/2})-CN ² -Ru ^{II} 2-Ru ^{V+} 2(S ^{3/2}). <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15344-15348.	13.8	18
13	Syntheses, crystal structures and MMCT properties of cyanide-bridged binuclear Ru-Fe complexes. <i>Polyhedron</i> , 2019, 173, 114109.	2.2	3
14	The MMCT excited state of a localized mixed valence cyanido-bridged Ru ^{II} -Ru ^{III} -Ru ^{II} complex. <i>Dalton Transactions</i> , 2019, 48, 9303-9309.	3.3	13
15	Influence of ligand substitution at the donor and acceptor center on MMCT in a cyanide-bridged mixed-valence system. <i>Dalton Transactions</i> , 2019, 48, 7809-7816.	3.3	15
16	A Diruthenium-Based Mixed Spin Complex Ru ^{II} 2-Ru ^{V+} 2(S ^{1/2})-CN ² -Ru ^{II} 2-Ru ^{V+} 2(S ^{3/2}). <i>Angewandte Chemie</i> , 2019, 131, 15488-15492.	2.0	5
17	Syntheses, crystal structures, and magnetic properties of cyanide-bridged complexes trans-Ru ^{II} (dppe) ₂ (CN) ₂ (Fe ^{III} X ₃) ₂ (X)		
18	New Magnetic Nickel(II)-Thiolate Cluster-Based Coordination Polymer Constructed from 2-Mercaptonicotinic Acid. <i>Crystal Growth and Design</i> , 2018, 18, 2667-2671.	3.0	21

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19	Syntheses, structures, luminescence and magnetic properties of seven isomorphous metal-organic frameworks based on 2,7-bis(4-benzoic acid)-N-(4-benzoic acid)carbazole. <i>New Journal of Chemistry</i> , 2018, 42, 2830-2837.	2.8	8
20	Influence of the Substitution of the Ligand on MM ² CT Properties of Mixed Valence Heterometallic Cyanido-Bridged Ru-Fe Complexes. <i>Crystal Growth and Design</i> , 2018, 18, 3674-3682.	3.0	20
21	Different Degrees of Electron Delocalization in Mixed Valence Ru-Ru Compounds by Cyanido-Isocyanido-Bridge Isomerism. <i>Angewandte Chemie</i> , 2018, 130, 14242-14246.	2.0	12
22	Different Degrees of Electron Delocalization in Mixed Valence Ru-Ru Compounds by Cyanido-Isocyanido-Bridge Isomerism. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 14046-14050.	13.8	30
23	Redox-induced switch between luminescence and magnetism in a trinuclear cyanide-bridged compound. <i>Dalton Transactions</i> , 2018, 47, 9985-9988.	3.3	6
24	An Unusually Delocalized Mixed-Valence State of a Cyanidometal-Bridged Compound Induced by Thermal Electron Transfer. <i>Angewandte Chemie</i> , 2017, 129, 1627-1631.	2.0	17
25	An Unusually Delocalized Mixed-Valence State of a Cyanidometal-Bridged Compound Induced by Thermal Electron Transfer. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1605-1609.	13.8	47
26	Benzoquinone-bridged Co ₂ complexes with different magnetic anisotropy induced by solvent molecules. <i>Dalton Transactions</i> , 2017, 46, 3435-3437.	3.3	6
27	Redox effects of low-spin Ru(II/III) on slow magnetic relaxation of Ru-Mn(III) 1D cyanide-bridged complexes. <i>Dalton Transactions</i> , 2017, 46, 7267-7272.	3.3	6
28	Homochiral Metal-Organic Frameworks with Tunable Nanoscale Channel Array and Their Enantioseparation Performance against Chiral Diols. <i>Inorganic Chemistry</i> , 2017, 56, 6275-6280.	4.0	39
29	Syntheses, structures and luminescence properties of five coordination polymers based on designed 2,7-bis(4-benzoic acid)-N-(4-benzoic acid) carbazole. <i>CrystEngComm</i> , 2017, 19, 2632-2643.	2.6	18
30	Synthesis, structure, characterization, and multifunctional properties of a family of rare earth organic frameworks. <i>CrystEngComm</i> , 2017, 19, 2106-2112.	2.6	22
31	Effects of Ru(II/III) redox on the Co(II) coordination number and magnetic properties of 1D cyanide-bridged Co-Ru compounds. <i>Dalton Transactions</i> , 2017, 46, 1038-1041.	3.3	2
32	Introduction of Red-Green-Blue Fluorescent Dyes into a Metal-Organic Framework for Tunable White Light Emission. <i>Advanced Materials</i> , 2017, 29, 1700778.	21.0	219
33	Synthesis, Structure and Magnetic Property of a Cobalt(II) Metal-Organic Framework. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017, 643, 999-1003.	1.2	3
34	A Luminescent Metal-Organic Framework Thermometer with Intrinsic Dual Emission from Organic Lumophores. <i>Chemistry - A European Journal</i> , 2016, 22, 4460-4468.	3.3	66
35	Intercalation of Varied Sulfonates into a Layered MOC: Confinement-Caused Tunable Luminescence and Novel Properties. <i>Chemistry - A European Journal</i> , 2016, 22, 5327-5334.	3.3	18
36	1D to 3D and Chiral to Noncentrosymmetric Metal-Organic Complexes Controlled by the Amount of DEF Solvent: Photoluminescent and NLO Properties. <i>Inorganic Chemistry</i> , 2016, 55, 4199-4205.	4.0	30

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37	Confinement of an electron-capturing unit within an electron-donating framework for X-ray detection. <i>Journal of Materials Chemistry C</i> , 2016, 4, 3431-3436.	5.5	26
38	Effect of anions on the self-assembly of two Cd ^{II} organic frameworks: syntheses, structural diversity and photoluminescence properties. <i>CrystEngComm</i> , 2015, 17, 598-603.	2.6	30
39	A series of d ¹⁰ coordination polymers constructed with a rigid tripodal imidazole ligand and varied polycarboxylates: syntheses, structures and luminescence properties. <i>CrystEngComm</i> , 2015, 17, 2004-2012.	2.6	35
40	Influence of the central diamagnetic cyanidometal on the distant magnetic interaction in cyanide-bridged Fe(ⁱⁱⁱ)-M(ⁱⁱ)-Fe(ⁱⁱⁱ) complexes. <i>Dalton Transactions</i> , 2015, 44, 7437-7448.	3.3	22
41	Penta and hexanuclear nickel tiara-like clusters with two different thiolate bridges. <i>CrystEngComm</i> , 2015, 17, 5110-5115.	2.6	11
42	From Pair Quadruple- to Single-Stranded Helices to Lines in a Mixed Ligand System via Adjusting the N-Substituent of $\langle \text{Glu} \rangle$. <i>Inorganic Chemistry</i> , 2015, 54, 3951-3957.	4.0	21
43	Synthesis, crystal structure and MMCT of new cyanide-bridged complexes cis-M ^{II} (dppm) ₂ (CN) ₂ (Fe ^{III} X ₃) ₂ (M = Ru, Os). <i>RSC Advances</i> , 2015, 5, 3399-3407.	3.6	7
44	Syntheses, crystal structures, spectroscopy, electrochemical and magnetic properties of four cyanido-bridged M ^{II} -Mn ^{III} (M = Fe, Ru, Os) complexes. <i>Journal of Coordination Chemistry</i> , 2015, 68, 55-70.	2.2	6
45	Influence of Central Metalloligand Geometry on Electronic Communication between Metals: Syntheses, Crystal Structures, MMCT Properties of Isomeric Cyanido-Bridged Fe ₂ Ru Complexes, and TDDFT Calculations. <i>Chemistry - A European Journal</i> , 2014, 20, 7025-7036.	3.3	39
46	A series of metal-organic frameworks containing diverse secondary building units derived from a flexible triazine-based tetracarboxylic ligand. <i>CrystEngComm</i> , 2014, 16, 2188-2195.	2.6	12
47	Syntheses, crystal structures, MMCT and magnetic properties of four one-dimensional cyanide-bridged complexes comprised of M ^{II} -CN-Fe ^{III} (M = Fe, Ru, Os). <i>Dalton Transactions</i> , 2014, 43, 17453-17462.	3.3	22
48	Effect of Functionalized Groups on Gas Adsorption Properties: Syntheses of Functionalized Microporous Metal-Organic Frameworks and Their High Gas Storage Capacity. <i>Chemistry - A European Journal</i> , 2014, 20, 1341-1348.	3.3	46
49	From Antiferromagnetic to Ferromagnetic Interaction in Cyanido-Bridged Fe(III)-Ru(II)-Fe(III) Complexes by Change of the Central Diamagnetic Cyanido-Metal Geometry. <i>Inorganic Chemistry</i> , 2013, 52, 11343-11350.	4.0	32
50	Two cationic metal-organic frameworks featuring different cage-to-cage connections: syntheses, crystal structures, photoluminescence and gas sorption properties. <i>CrystEngComm</i> , 2013, 15, 8139.	2.6	18
51	A three-dimensional coordination polymer based on linear trinuclear copper(II) clusters featuring a ferromagnetic exchange interaction. <i>CrystEngComm</i> , 2013, 15, 2120.	2.6	5
52	Effect of anions on the self-assembly of Zn(II) with a hydrogenated Schiff base ligand: structural diversity and photoluminescent properties. <i>CrystEngComm</i> , 2013, 15, 2714.	2.6	29
53	Lanthanide coordination polymers assembled from triazine-based flexible polycarboxylate ligands and their luminescent properties. <i>CrystEngComm</i> , 2013, 15, 3560.	2.6	25
54	A cyanide-bridged trinuclear Fe(II)-Ru(II)-Fe(II) complex with three stable states: synthesis, crystal structures, electronic couplings and magnetic properties. <i>Dalton Transactions</i> , 2012, 41, 12163.	3.3	20

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55	Four new cobalt(ii) coordination complexes: thermochromic switchable behavior in the process of dehydration and rehydration. CrystEngComm, 2012, 14, 3189.	2.6	23
56	Self assembly of a tren-derivative hydrogenated Schiff base with transition metal ions: syntheses, crystal structures and photoluminescent properties. CrystEngComm, 2012, 14, 2879.	2.6	13
57	Cyanide-bridged dinuclear complexes: Synthesis, characterization and crystal structures. Polyhedron, 2012, 41, 86-91.	2.2	9
58	Synthesis and characterization of cobalt(iii) cyanide complexes: cobalt participation in the decomposition of radical anion of TCNQ. CrystEngComm, 2012, 14, 8708.	2.6	3
59	Syntheses, structural aspects, luminescence and magnetism of four coordination polymers based on a new flexible polycarboxylate. CrystEngComm, 2011, 13, 2096.	2.6	46
60	A disulfide ligand with axial chirality generated in situ for the construction of an unusual h _{xg} topological coordination polymer. CrystEngComm, 2011, 13, 5951.	2.6	17
61	Syntheses, structures and properties of three-dimensional lanthanide frameworks constructed with a trigonal anti-prismatic lanthanide cluster. CrystEngComm, 2011, 13, 4244.	2.6	18
62	Synthesis and crystal structure of two new heterometallic thioantimonates(III) [Ni(pda) ₂]Cu ^I ₄ Sb ^{III} ₂ S ₆ and [Ni(dien) ₂]Cu ^I ₃ Sb ^{III} ₃ S ₆ ,. CrystEngComm, 2010, 12, 73-76.	2.6	31
63	Novel Structures and Luminescence Properties of Lanthanide Coordination Polymers with a Novel Flexible Polycarboxylate Ligand. Crystal Growth and Design, 2009, 9, 5128-5134.	3.0	88
64	Synthesis, crystal structures, and luminescent properties of eleven new lanthanide and yttrium complexes with fluorescent whitener and 1,10-phenanthroline. New Journal of Chemistry, 2009, 33, 1508.	2.8	8
65	Synthesis, Structure, and Magnetic Properties of Three Chiral Sodium-Centered Polynuclear Copper(II) Clusters with L-Alanine. European Journal of Inorganic Chemistry, 2008, 2008, 1141-1146.	2.0	14
66	Syntheses, structures and characterization of the tetranuclear tin(IV) oxysulfide clusters (n) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 T 2006, 59, 1991-1998.	2.2	1
67	Long Range Metal-Metal Interactions Along Fe ^{II} NCâ ^{II} Ru ^{II} CNâ ^{II} Fe Chains. European Journal of Inorganic Chemistry, 2004, 2004, 1198-1203.	2.0	55
68	A novel 2D net-like supramolecular polymer constructed from Ln ₆ Cu ₂₄ node and trans-Cu(Gly) ₂ bridge. Chemical Communications, 2004, , 1186-1187.	4.1	78
69	Chain-Like Tetra-, Penta- and Heptanuclear Cyanide-Bridged Complexes by Attachment of Organometallic Cyanides to M ₂ , M ₃ and M ₅ Units. European Journal of Inorganic Chemistry, 2003, 2003, 3731-3737.	2.0	24
70	SYNTHESES AND STRUCTURES OF [Et ₄ N] ₂ [Sn(DMIT) ₃] AND [Pb(DMIT)(DMF)] _n (DMIT = 2-THIOXO-1,3-DITHIOLE-4,5-DITHIOLATO). Journal of Coordination Chemistry, 1999, 48, 113-123.	2.2	12
71	Title is missing!. Journal of Chemical Crystallography, 1998, 28, 713-716.	1.1	3
72	Three New Structural Types of Mo/Ag/S Polymeric Complexes. Angewandte Chemie - International Edition, 1998, 37, 2520-2521.	13.8	40

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73	New Aspects of Heterometallic Copper (Silver) Cluster Compounds Involving Sulfido Ligands. ACS Symposium Series, 1996, , 282-296.	0.5	2
74	Heterometallic Polymeric Cluster Compounds Derived from Tetrathiotungstate and Silver(I): Syntheses and Crystal Structures of $\{[AgWS_4]\}_n[NH_4]_n$ and $\{[W_4Ag_5S_{16}]\}_n[M(DMF)_8]_n$ (M= Nd and La). Angewandte Chemie International Edition in English, 1996, 35, 868-870.	4.4	71
75	The syntheses and crystal structures of two incomplete cubane-like mixed-metal clusters: $[WAg_2S_3C_5H_5NS](PPh_3)_2(X)]_{1/2}$ CH_2Cl_2 (X = S, O). Journal of Cluster Science, 1996, 7, 371-383.	3.3	3