

Yan-Qiong Sun

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75
papers

2,163
citations

25
h-index

45
g-index

79
ext. papers

2,355
ext. citations

4.1
avg, IF

5.01
L-index

#	Paper	IF	Citations
75	Porous lanthanide-organic open frameworks with helical tubes constructed from interweaving triple-helical and double-helical chains. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 5814-7	16.4	425
74	A series of luminescent lanthanide-cadmium-organic frameworks with helical channels and tubes. <i>Chemical Communications</i> , 2006 , 4700-2	5.8	243
73	Two novel luminescent lanthanide sulfate-carboxylates with an unusual 2-D bamboo-raft-like structure based on the linkages of left- and right-handed helical tubes involving in situ decarboxylation. <i>Chemical Communications</i> , 2006 , 1947-9	5.8	143
72	Organic-inorganic hybrid materials constructed from inorganic lanthanide sulfate skeletons and organic 4,5-imidazoledicarboxylic acid. <i>Dalton Transactions</i> , 2007 , 3771-81	4.3	88
71	A fluorescent, photochromic and thermochromic trifunctional material based on a layered metal-viologen complex. <i>Dalton Transactions</i> , 2015 , 44, 18320-3	4.3	67
70	Novel Hybrid Porous 3D Networks of Lead(II) Diphosphonate and Triphosphonate Containing 1,3,5-Benzenetricarboxylate. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 4218-4226	2.3	65
69	Three viologen-derived Zn-organic materials: photochromism, photomodulated fluorescence, and inkless and erasable prints. <i>Dalton Transactions</i> , 2019 , 48, 954-963	4.3	55
68	A Series of Lanthanide Frameworks with a Flexible Ligand, N,N'-Diacetic Acid Imidazolium, in Different Coordination Modes. <i>Crystal Growth and Design</i> , 2010 , 10, 658-668	3.5	55
67	Luminescent 3D Lanthanide-Cadmium Heterometal-Organic Frameworks with Chemical Stability and Selective Luminescent Sensing. <i>Inorganic Chemistry</i> , 2017 , 56, 14850-14858	5.1	54
66	Two-Dimensional Noninterpenetrating Transition Metal Coordination Polymers with Large Honeycomb-like Hexagonal Cavities Constructed from a Carboxybenzyl Viologen Ligand. <i>Crystal Growth and Design</i> , 2005 , 5, 1939-1943	3.5	53
65	Syntheses, Characterizations, and Crystal Structures of Three New Metal Phosphonocarboxylates with a Layered and a Microporous Structure. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 4211-4217	2.3	50
64	NIR emission and luminescent sensing of a lanthanide-organic framework with Lewis basic imidazole and pyridyl sites. <i>Dalton Transactions</i> , 2017 , 46, 12106-12113	4.3	46
63	Two lanthanide metal-organic frameworks as sensitive luminescent sensors for the detection of Cr ²⁺ and Cr ₂ O ₇ ²⁻ in aqueous solutions. <i>CrystEngComm</i> , 2018 , 20, 189-197	3.3	44
62	Porous Lanthanide-Organic Open Frameworks with Helical Tubes Constructed from Interweaving Triple-Helical and Double-Helical Chains. <i>Angewandte Chemie</i> , 2005 , 117, 5964-5967	3.6	40
61	A lanthanide complex for metal encapsulations and anion exchanges. <i>Chemical Communications</i> , 2016 , 52, 10125-8	5.8	37
60	Hydrothermal synthesis, characterization and crystal structures of two new layered lead(II) diphosphonates. <i>New Journal of Chemistry</i> , 2003 , 27, 1326	3.6	35
59	Syntheses and Structures of Two New Organically Templated Borogermanates. <i>Crystal Growth and Design</i> , 2005 , 5, 313-317	3.5	34

58	Cd(2,2'-bipy)(H ₂ PO ₄) ₂ : the first cadmium phosphate with an organic amine acting as a ligand. <i>Journal of Materials Chemistry</i> , 2003 , 13, 447-449		34
57	Octahedron-shaped three-shell Ln-substituted polyoxotungstogermanates encapsulating a WO cluster: luminescence and frequency dependent magnetic properties. <i>Chemical Communications</i> , 2019 , 55, 2857-2860	5.8	32
56	Synthesis, crystal structure of Keggin heteropolymolybdates with pyridine-2,6-dicarboxylate based frameworks, and associated RhB photocatalytic degradation and 2D-IR COS tests. <i>Dalton Transactions</i> , 2012 , 41, 10035-42	4.3	31
55	A novel polyoxovanadium borate incorporating an organic amine ligand: synthesis and structure of [V ₁₂ B ₁₆ O ₅₀ (OH) ₇ (en)] ⁷⁻ . <i>Dalton Transactions</i> , 2012 , 41, 5774-7	4.3	30
54	Synthesis and Crystal Structure of a Novel Potassium Borate with an Unprecedented [B ₁₂ O ₁₆ (OH) ₈] ⁴⁻ Anion. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2006 , 632, 1586-1590	1.3	30
53	Syntheses, structures, photoluminescence and photocatalysis of chiral 3D Cd(II) frameworks from achiral mixed flexible ligands by spontaneous resolution. <i>Dalton Transactions</i> , 2015 , 44, 11852-9	4.3	28
52	A green luminescent 1-D helical tubular dipyrazol-bridged cadmium(II) complex: a coordination tube included in a supramolecular tube. <i>Dalton Transactions</i> , 2013 , 42, 10503-9	4.3	27
51	Two novel 2D lanthanide-cadmium heterometal-organic frameworks based on nanosized heart-like Ln ₆ Cd ₆ O ₁₂ wheel-clusters exhibiting luminescence sensing to the polarization and concentration of cations. <i>Dalton Transactions</i> , 2013 , 42, 6314-7	4.3	25
50	Two d ₁₀ Metal-Organic Frameworks as Low-Temperature Luminescent Molecular Thermometers. <i>Crystal Growth and Design</i> , 2018 , 18, 7383-7390	3.5	23
49	All-inorganic open frameworks based on gigantic four-shell Ln@W@Ln@(SiW) clusters. <i>Chemical Communications</i> , 2020 , 56, 10305-10308	5.8	18
48	Four 2D Ln ₄ heterometal-organic coordination polymers based on tetranuclear Ln ₄ oxo-cluster with highly selective luminescent sensing of organic molecules and metal cations. <i>RSC Advances</i> , 2014 , 4, 27013-27021	3.7	17
47	Syntheses, structures, photoluminescence and photocatalysis of 2D layered lanthanide-carboxylates with 2, 2'-dithiodibenzoic acid. <i>Journal of Solid State Chemistry</i> , 2017 , 246, 138-144	3.3	17
46	A nested Cu@Cu-based copper-organic polyhedral framework for selective adsorption of cationic dyes. <i>Chemical Communications</i> , 2019 , 55, 7394-7397	5.8	16
45	Ln ₄ heterometal organic-inorganic hybrid materials based on diverse Ln ₄ oxo-cluster chains: syntheses, structures and visible luminescence. <i>CrystEngComm</i> , 2014 , 16, 3986-3993	3.3	16
44	A novel 3-D chiral bismuth-organic framework with mixed carboxylate, pyridine and thiolate donors exhibiting a semiconductive property. <i>CrystEngComm</i> , 2013 , 15, 10188	3.3	15
43	One- and two-dimensional coordination assemblies of a novel redox-active bipyridinium dimer ligand with magnetic oxalate complexes. <i>Dalton Transactions</i> , 2003 , 3634-3638	4.3	14
42	Luminescent hybrid lanthanide sulfates and lanthanide sulfonate-carboxylates with 1,10-phenanthroline involving in-situ oxidation of 2-mercaptobenzoic acid. <i>Journal of Solid State Chemistry</i> , 2015 , 221, 14-20	3.3	13
41	Molecular self-assemblies of a pi-conjugated redox-active bipyridinium cation with magnetic dimetallic oxalate-bridged trimeric clusters. <i>Dalton Transactions</i> , 2006 , 1685-90	4.3	13

- 40 Two Copper(II) Complexes Built from a Novel Redox-Active Bipyridinium Dimer Ligand and Oxalate Anions: Synthesis, Crystal Structure and Magnetic Properties. *European Journal of Inorganic Chemistry*, **2004**, 2004, 3837-3841 2.3 13
- 39 High-dimensional Polyoxoniobates Constructed from Lanthanide-incorporated High-nuclear $\{[Ln(H_2O)]_n[Nb_6O_4(H_2O)_2]\}$ Secondary Building Units. *Chemistry - an Asian Journal*, **2020**, 15, 1574-1579 4.5 12
- 38 A Multi-Responsive Cd^{II}/Ni^{II} Complex: Photochromism, Photomodulated Fluorescence, and Luminescent Sensing. *ChemistrySelect*, **2018**, 3, 6611-6616 1.8 12
- 37 A Series of 3D Porous Lanthanide-Substituted Polyoxometalate Frameworks Based on Rare Hexadecahedral $\{LnW_6O_{24}\}$ Heterometallic Cage-Shaped Clusters. *Inorganic Chemistry*, **2019**, 58, 14734-14740 5.1 12
- 36 Two New Luminescent Cadmium Thiolato-carboxylates with 2,2'-Bipyridine. *Journal of Inorganic and Organometallic Polymers and Materials*, **2013**, 23, 571-578 3.2 11
- 35 Hydrothermal syntheses, structures and characterizations of two luminescent cadmium(II) complexes with *p*-xylenediphosphonic acid and N-donor ligands. *Journal of Solid State Chemistry*, **2012**, 186, 189-194 3.3 10
- 34 Unique (3,12)-Connected Inorganic Lanthanide Cluster Polymer Based on Octahedral Hexanuclear Europium Hydroxide Clusters and Sulfate Anions: Synthesis, Structure, and Luminescence. *Journal of Cluster Science*, **2011**, 22, 279-288 3 10
- 33 Synthesis and Characterization of a Two-Dimensional Zinc Phosphite, $Zn_3(tren)(HPO_3)_3 \cdot xH_2O$ ($x \approx 0.5$; tren = tris(2-aminoethyl)amine). *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2005**, 631, 1957-1960 1.3 10
- 32 A Series of Unprecedented Linear Mixed-Metal-Substituted Polyoxometalate Trimers: Syntheses, Structures, Luminescence, and Proton Conductivity Properties. *European Journal of Inorganic Chemistry*, **2019**, 2019, 437-441 2.3 10
- 31 Unique (3,8)-connected lanthanide arenesulfonate metal-organic frameworks containing benzimidazole-5,6-dicarboxylic acid co-ligand: Syntheses, structures and luminescence. *Journal of Solid State Chemistry*, **2013**, 206, 85-90 3.3 9
- 30 Construction of Two High-Nuclear 3d-4d Heterometallic Cluster Organic Frameworks by Introducing a Bifunctional Tripodal Alcohol as a Structure-Directing Agent. *Chemistry - an Asian Journal*, **2019**, 14, 1985-1991 4.5 8
- 29 A Series of Luminescent Lanthanide-Organic Complexes Constructed from In Situ Generated Dithiobenzoic Acid. *Journal of Inorganic and Organometallic Polymers and Materials*, **2014**, 24, 633-643 3.2 8
- 28 Two organic-inorganic hybrid polyoxotungstogermanates containing organic ligand chelated Fe^{II}/Dy^{III} heterometallic clusters and frequency dependent magnetic properties. *Inorganic Chemistry Frontiers*, **2020**, 7, 498-504 6.8 8
- 27 A Rare 3D Porous Inorganic-Organic Hybrid Polyoxometalate Framework Based on a Cubic Polyoxoniobate-Cupric-Complex Cage with a High Water Vapor Adsorption Capacity. *Inorganic Chemistry*, **2020**, 59, 11925-11929 5.1 8
- 26 A new type of composite MOFs based on high-valent Sb(v)-based units and cuprous-halide clusters. *Chemical Communications*, **2019**, 55, 15113-15116 5.8 8
- 25 Proton conductive polyoxoniobate frameworks constructed from nanoscale $\{NbO\}$ cages. *Chemical Communications*, **2021**, 57, 4702-4705 5.8 7
- 24 Incorporating polyoxometalates and organic ligands to pursue 3d-4f heterometallic clusters: a series of $\{CrLn\}$ clusters stabilized by phthalic acid and $[SiW_6O_{24}]^{4-}$. *RSC Advances*, **2019**, 9, 13543-13549 3.7 6
- 23 An ultrastable $\{SiNb_{18}O_{54}\}$ -based hybrid polyoxoniobate framework for selective removal of crystal violet from aqueous solution and proton-conduction. *Inorganic Chemistry Communication*, **2020**, 113, 107766 3.1 6

22	Two novel Dawson-like tungstoantimonates with difunctional photocatalytic and magnetic properties. <i>Dalton Transactions</i> , 2018 , 47, 1347-1354	4.3	6
21	Two 3D nonlinear optical and luminescent lanthanide-organic frameworks with multidirectional helical intersecting channels. <i>New Journal of Chemistry</i> , 2017 , 41, 6736-6741	3.6	5
20	A Novel 2D Dipyrazol-Bridged Cadmium(II) Complex Based on Tetranuclear Cd ₄ O ₄ Clusters: Synthesis, Structure and Luminescence. <i>Journal of Cluster Science</i> , 2013 , 24, 605-617	3	5
19	An open-framework cobalt molybdate possessing {Mo ₂ O ₇ } building block: hydrothermal synthesis and structural characterization of [CoMo ₂ O ₇ (4,4'-bipy) _{1.5}]. <i>Journal of Coordination Chemistry</i> , 2007 , 60, 2629-2636	1.6	5
18	Synthesis, structure and temperature-dependend 2D IR correlation spectroscopy of an organo-bismuth benzoate with 1,10-phenanthroline. <i>Journal of Molecular Structure</i> , 2016 , 1124, 138-143 ³⁻⁴	3.4	4
17	Co-templated synthesis and characterization of two new 1D zincophosphates, [CoIII(dien) ₂][Zn(PO ₄)(HPO ₄)]H ₃ BO ₃ and [CoIII(dien) ₂][Zn ₂ (PO ₄)(HPO ₄) ₂][C ₂ H ₆ O ₂]. <i>CrystEngComm</i> , 2005 , 7, 237-242	3.3	4
16	Giant Ln ₃₀ -Cluster-Embedded Polyoxotungstate Nanoclusters with Exceptional Proton-Conducting and Luminescent Properties. <i>CCS Chemistry</i> , 1-8	7.2	4
15	A rare 4-connected neb-type 3D chiral polyoxometalate framework based on {KNb ₂₄ O ₇₂ } clusters. <i>Inorganic Chemistry Frontiers</i> , 2020 , 7, 3919-3924	6.8	4
14	A new dimeric isopolyoxoniobate {H ₄ Nb ₅₂ O ₁₅₀ } decorated with copper(II)-ethylenediamine for hydrolytic decomposition of chemical warfare agent simulant DMMP. <i>Inorganic Chemistry Communication</i> , 2020 , 113, 107815	3.1	3
13	catena-Poly[[diaquacadmium(II)]-μ ₅ -5-carboxyimidazole-4-carboxylato-kappa ₄ N ₁ ,O ₅ :O ₄ ,N ₃]. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2004 , 60, m590-1		3
12	The incorporation of heterovalent copper-oxo and copper-halide clusters for the fabrication of three porous cluster organic frameworks: syntheses, structures and iodine adsorption/release study. <i>CrystEngComm</i> , 2020 , 22, 821-828	3.3	3
11	Organoamine-Directed Assembly of 5p-4f Heterometallic Cluster Substituted Polyoxometalates: Luminescence and Proton Conduction Properties. <i>Inorganic Chemistry</i> , 2021 , 60, 13718-13726	5.1	3
10	3d-4f Heterometallic cluster incorporated polyoxoniobates with magnetic properties. <i>Chemical Communications</i> , 2021 , 57, 8624-8627	5.8	3
9	Symmetrically backfolded molecules emulating the self-similar features of a Sierpinski triangle. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 6032-6037	3.9	2
8	Study on the source of magnetic properties of three novel boratopolyoxovanadates via two-dimensional infrared correlation spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 228, 117856	4.4	2
7	Luminescent cluster-organic frameworks constructed from predesigned supertetrahedral {LnZn} secondary building units. <i>Chemical Communications</i> , 2021 , 57, 6927-6930	5.8	2
6	The Study on Isomer of [V ₁₆ O ₃₈ Cl] ₄ Cluster and a Mixed-Valent Polyoxovanadate Based on a New Topology. <i>Journal of Cluster Science</i> , 2017 , 28, 2795-2807	3	1
5	A Peanut-Like Sb-Embedded Polyoxoniobate Cage for Hydrolytic Decomposition of Chemical Warfare Agent. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 1505-1509	2.3	1

4	A Series of Cube-Shaped Polyoxoniobates Encapsulating Octahedral CuX O Clusters With Hydrolytic Decomposition for Chemical Warfare Agents. <i>Frontiers in Chemistry</i> , 2020 , 8, 586009	5	○
3	An inorganic-organic hybrid polyoxotungstogermanate based on [Ln(EGeW11O39) ₂] dimer and dimethylammonium: Synthesis, crystal structure and photoluminescence property. <i>Journal of Molecular Structure</i> , 2022 , 1250, 131686	3-4	○
2	Two new 3D tubular polyoxoniobates frameworks based on {SiNb18O54} clusters with proton conduction properties. <i>Inorganic Chemistry Communication</i> , 2021 , 132, 108813	3-1	○
1	Study on the antibacterial properties of two novel isomorphous sandwich tungsten oxide cluster compounds by two-dimensional infrared correlation spectroscopy. <i>Journal of Molecular Structure</i> , 2021 , 1241, 130616	3-4	○