

# Yan-Qiong Sun

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	An inorganic-organic hybrid polyoxotungstogermanate based on $[\text{Ln}(\text{EGeW}11\text{O}39)_2]$ dimer and dimethylammonium: Synthesis, crystal structure and photoluminescence property. <i>Journal of Molecular Structure</i> , <b>2022</b> , 1250, 131686	3.4	0
74	A Peanut-Like Sb-Embedded Polyoxoniobate Cage for Hydrolytic Decomposition of Chemical Warfare Agent. <i>European Journal of Inorganic Chemistry</i> , <b>2021</b> , 2021, 1505-1509	2.3	1
73	Proton conductive polyoxoniobate frameworks constructed from nanoscale $\{\text{NbO}\}$ cages. <i>Chemical Communications</i> , <b>2021</b> , 57, 4702-4705	5.8	7
72	Organoamine-Directed Assembly of 5p-4f Heterometallic Cluster Substituted Polyoxometalates: Luminescence and Proton Conduction Properties. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 13718-13726	5.1	3
71	Two new 3D tubular polyoxoniobates frameworks based on $\{\text{SiNb}18\text{O}54\}$ clusters with proton conduction properties. <i>Inorganic Chemistry Communication</i> , <b>2021</b> , 132, 108813	3.1	0
70	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> , <b>2021</b> , 1241, 130616	3.4	0
69	3d-4f Heterometallic cluster incorporated polyoxoniobates with magnetic properties. <i>Chemical Communications</i> , <b>2021</b> , 57, 8624-8627	5.8	3
68	Luminescent cluster-organic frameworks constructed from predesigned supertetrahedral $\{\text{LnZn}\}$ secondary building units. <i>Chemical Communications</i> , <b>2021</b> , 57, 6927-6930	5.8	2
67	A Series of Cube-Shaped Polyoxoniobates Encapsulating Octahedral $\text{CuX O}$ Clusters With Hydrolytic Decomposition for Chemical Warfare Agents. <i>Frontiers in Chemistry</i> , <b>2020</b> , 8, 586009	5	0
66	High-dimensional Polyoxoniobates Constructed from Lanthanide-incorporated High-nuclear $\{[\text{Ln}(\text{H O})][\text{Nb O}(\text{H O})]\}$ Secondary Building Units. <i>Chemistry - an Asian Journal</i> , <b>2020</b> , 15, 1574-1579	4.5	12
65	A new dimeric isopolyoxoniobate $\{\text{H}_4\text{Nb}_5\text{O}_{150}\}$ decorated with copper(II)-ethylenediamine for hydrolytic decomposition of chemical warfare agent simulant DMMP. <i>Inorganic Chemistry Communication</i> , <b>2020</b> , 113, 107815	3.1	3
64	An ultrastable $\{\text{SiNb}18\text{O}54\}$ -based hybrid polyoxoniobate framework for selective removal of crystal violet from aqueous solution and proton-conduction. <i>Inorganic Chemistry Communication</i> , <b>2020</b> , 113, 107766	3.1	6
63	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> , <b>2020</b> , 22, 821-828	3.3	3
62	Two organic/inorganic hybrid polyoxotungstogermanates containing organic ligand chelated $\text{FeDy}$ heterometallic clusters and frequency dependent magnetic properties. <i>Inorganic Chemistry Frontiers</i> , <b>2020</b> , 7, 498-504	6.8	8
61	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> , <b>2020</b> , 228, 117856	4.4	2
60	All-inorganic open frameworks based on gigantic four-shell $\text{Ln@W@Ln}(\text{SiW})$ clusters. <i>Chemical Communications</i> , <b>2020</b> , 56, 10305-10308	5.8	18
59	A Rare 3D Porous Inorganic-Organic Hybrid Polyoxometalate Framework Based on a Cubic Polyoxoniobate-Cupric-Complex Cage with a High Water Vapor Adsorption Capacity. <i>Inorganic Chemistry</i> , <b>2020</b> , 59, 11925-11929	5.1	8

58	A rare 4-connected neb-type 3D chiral polyoxometalate framework based on {KNb <sub>24</sub> O <sub>72</sub> } clusters. <i>Inorganic Chemistry Frontiers</i> , <b>2020</b> , 7, 3919-3924	6.8	4
57	Three viologen-derived Zn-organic materials: photochromism, photomodulated fluorescence, and inkless and erasable prints. <i>Dalton Transactions</i> , <b>2019</b> , 48, 954-963	4.3	55
56	Octahedron-shaped three-shell Ln-substituted polyoxotungstogermanates encapsulating a WO cluster: luminescence and frequency dependent magnetic properties. <i>Chemical Communications</i> , <b>2019</b> , 55, 2857-2860	5.8	32
55	A nested Cu@Cu-based copper-organic polyhedral framework for selective adsorption of cationic dyes. <i>Chemical Communications</i> , <b>2019</b> , 55, 7394-7397	5.8	16
54	Symmetrically backfolded molecules emulating the self-similar features of a Sierpinski triangle. <i>Organic and Biomolecular Chemistry</i> , <b>2019</b> , 17, 6032-6037	3.9	2
53	Incorporating polyoxometalates and organic ligands to pursue 3d-4f heterometallic clusters: a series of {CrLn} clusters stabilized by phthalic acid and [SiWO]. <i>RSC Advances</i> , <b>2019</b> , 9, 13543-13549	3.7	6
52	Construction of Two High-Nuclear 3d-4d Heterometallic Cluster Organic Frameworks by Introducing a Bifunctional Tripodal Alcohol as a Structure-Directing Agent. <i>Chemistry - an Asian Journal</i> , <b>2019</b> , 14, 1985-1991	4.5	8
51	A Series of 3D Porous Lanthanide-Substituted Polyoxometalate Frameworks Based on Rare Hexadecahedral {LnWO} Heterometallic Cage-Shaped Clusters. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 14734-14740	5.1	12
50	A new type of composite MOFs based on high-valent Sb(v)-based units and cuprous-halide clusters. <i>Chemical Communications</i> , <b>2019</b> , 55, 15113-15116	5.8	8
49	A Series of Unprecedented Linear Mixed-Metal-Substituted Polyoxometalate Trimers: Syntheses, Structures, Luminescence, and Proton Conductivity Properties. <i>European Journal of Inorganic Chemistry</i> , <b>2019</b> , 2019, 437-441	2.3	10
48	A Multi-Responsive Cd <sup>II</sup> /Viologen Complex: Photochromism, Photomodulated Fluorescence, and Luminescent Sensing. <i>ChemistrySelect</i> , <b>2018</b> , 3, 6611-6616	1.8	12
47	Two novel Dawson-like tungstoantimonates with difunctional photocatalytic and magnetic properties. <i>Dalton Transactions</i> , <b>2018</b> , 47, 1347-1354	4.3	6
46	Two lanthanide metal-organic frameworks as sensitive luminescent sensors for the detection of Cr <sup>2+</sup> and Cr <sub>2</sub> O <sub>7</sub> <sup>2-</sup> in aqueous solutions. <i>CrystEngComm</i> , <b>2018</b> , 20, 189-197	3.3	44
45	Two d <sup>10</sup> Metal-Organic Frameworks as Low-Temperature Luminescent Molecular Thermometers. <i>Crystal Growth and Design</i> , <b>2018</b> , 18, 7383-7390	3.5	23
44	Two 3D nonlinear optical and luminescent lanthanide-organic frameworks with multidirectional helical intersecting channels. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 6736-6741	3.6	5
43	NIR emission and luminescent sensing of a lanthanide-organic framework with Lewis basic imidazole and pyridyl sites. <i>Dalton Transactions</i> , <b>2017</b> , 46, 12106-12113	4.3	46
42	Luminescent 3D Lanthanide-Cadmium Heterometal-Organic Frameworks with Chemical Stability and Selective Luminescent Sensing. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 14850-14858	5.1	54
41	The Study on Isomer of [V <sub>16</sub> O <sub>38</sub> Cl] <sub>4</sub> Cluster and a Mixed-Valent Polyoxovanadate Based on a New Topology. <i>Journal of Cluster Science</i> , <b>2017</b> , 28, 2795-2807	3	1

- 40 Syntheses, structures, photoluminescence and photocatalysis of 2D layered lanthanide-carboxylates with 2, 2'-dithiodibenzoic acid. *Journal of Solid State Chemistry*, **2017**, 246, 138-144 3.3 17
- 39 A lanthanide complex for metal encapsulations and anion exchanges. *Chemical Communications*, **2016**, 52, 10125-8 5.8 37
- 38 Synthesis, structure and temperature-depended 2D IR correlation spectroscopy of an organo-bismuth benzoate with 1,10-phenanthroline. *Journal of Molecular Structure*, **2016**, 1124, 138-143 3.4 4
- 37 A fluorescent, photochromic and thermochromic trifunctional material based on a layered metal-viologen complex. *Dalton Transactions*, **2015**, 44, 18320-3 4.3 67
- 36 Luminescent hybrid lanthanide sulfates and lanthanide sulfonate-carboxylates with 1,10-phenanthroline involving in-situ oxidation of 2-mercaptobenzoic acid. *Journal of Solid State Chemistry*, **2015**, 221, 14-20 3.3 13
- 35 Syntheses, structures, photoluminescence and photocatalysis of chiral 3D Cd(II) frameworks from achiral mixed flexible ligands by spontaneous resolution. *Dalton Transactions*, **2015**, 44, 11852-9 4.3 28
- 34 Ln(III) heterometal organic-organic hybrid materials based on diverse Ln(III) oxo-cluster chains: syntheses, structures and visible luminescence. *CrystEngComm*, **2014**, 16, 3986-3993 3.3 16
- 33 Four 2D Ln(III) heterometal-organic coordination polymers based on tetranuclear Ln(III) oxo-cluster with highly selective luminescent sensing of organic molecules and metal cations. *RSC Advances*, **2014**, 4, 27013-27021 3.7 17
- 32 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
- 31 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
- 30 A novel 3-D chiral bismuth-organic framework with mixed carboxylate, pyridine and thiolate donors exhibiting a semiconductive property. *CrystEngComm*, **2013**, 15, 10188 3.3 15
- 29 A Novel 2D Dipyrazol-Bridged Cadmium(II) Complex Based on Tetranuclear Cd<sub>4</sub>O<sub>4</sub> Clusters: Synthesis, Structure and Luminescence. *Journal of Cluster Science*, **2013**, 24, 605-617 3 5
- 28 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
- 27 A green luminescent 1-D helical tubular dipyrazol-bridged cadmium(II) complex: a coordination tube included in a supramolecular tube. *Dalton Transactions*, **2013**, 42, 10503-9 4.3 27
- 26 Two novel 2D lanthanide-cadmium heterometal-organic frameworks based on nanosized heart-like Ln<sub>6</sub>Cd<sub>6</sub>O<sub>12</sub> wheel-clusters exhibiting luminescence sensing to the polarization and concentration of cations. *Dalton Transactions*, **2013**, 42, 6314-7 4.3 25
- 25 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
- 24 A novel polyoxovanadium borate incorporating an organic amine ligand: synthesis and structure of [V<sub>12</sub>B<sub>16</sub>O<sub>50</sub>(OH)<sub>7</sub>(en)]<sup>7-</sup>. *Dalton Transactions*, **2012**, 41, 5774-7 4.3 30
- 23 Synthesis, crystal structure of Keggin heteropolymolybdates with pyridine-2,6-dicarboxylate based frameworks, and associated RhB photocatalytic degradation and 2D-IR COS tests. *Dalton Transactions*, **2012**, 41, 10035-42 4.3 31

22	Unique (3,12)-Connected Inorganic Lanthanide Cluster Polymer Based on Octahedral Hexanuclear Europium Hydroxide Clusters and Sulfate Anions: Synthesis, Structure, and Luminescence. <i>Journal of Cluster Science</i> , <b>2011</b> , 22, 279-288	3	10
21	A Series of Lanthanide Frameworks with a Flexible Ligand, N,N'-Diacetic Acid Imidazolium, in Different Coordination Modes. <i>Crystal Growth and Design</i> , <b>2010</b> , 10, 658-668	3.5	55
20	An open-framework cobalt molybdate possessing {Mo <sub>2</sub> O <sub>7</sub> } building block: hydrothermal synthesis and structural characterization of [CoMo <sub>2</sub> O <sub>7</sub> (4,4'-bipy) <sub>1.5</sub> ]. <i>Journal of Coordination Chemistry</i> , <b>2007</b> , 60, 2629-2636	1.6	5
19	Organic-inorganic hybrid materials constructed from inorganic lanthanide sulfate skeletons and organic 4,5-imidazoledicarboxylic acid. <i>Dalton Transactions</i> , <b>2007</b> , 3771-81	4.3	88
18	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> , <b>2006</b> , 1947-9	5.8	143
17	A series of luminescent lanthanide-cadmium-organic frameworks with helical channels and tubes. <i>Chemical Communications</i> , <b>2006</b> , 4700-2	5.8	243
16	Molecular self-assemblies of a pi-conjugated redox-active bipyridinium cation with magnetic dimetallic oxalate-bridged trimeric clusters. <i>Dalton Transactions</i> , <b>2006</b> , 1685-90	4.3	13
15	Synthesis and Crystal Structure of a Novel Potassium Borate with an Unprecedented [B <sub>12</sub> O <sub>16</sub> (OH) <sub>8</sub> ] <sup>4-</sup> Anion. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2006</b> , 632, 1586-1590	1.3	30
14	Co-templated synthesis and characterization of two new 1D zincophosphates, [Co <sup>III</sup> (dien) <sub>2</sub> ][Zn(PO <sub>4</sub> )(HPO <sub>4</sub> )]·H <sub>3</sub> BO <sub>3</sub> and [Co <sup>III</sup> (dien) <sub>2</sub> ][Zn <sub>2</sub> (PO <sub>4</sub> )(HPO <sub>4</sub> ) <sub>2</sub> ] <sub>2</sub> ·2H <sub>2</sub> O. <i>CrystEngComm</i> , <b>2005</b> , 7, 237-242	3.3	4
13	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> , <b>2005</b> , 5, 1939-1943	3.5	53
12	Syntheses and Structures of Two New Organically Templated Borogermanates. <i>Crystal Growth and Design</i> , <b>2005</b> , 5, 313-317	3.5	34
11	Porous lanthanide-organic open frameworks with helical tubes constructed from interweaving triple-helical and double-helical chains. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 5814-7	16.4	425
10	Porous Lanthanide-Organic Open Frameworks with Helical Tubes Constructed from Interweaving Triple-Helical and Double-Helical Chains. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 5964-5967	3.6	40
9	Synthesis and Characterization of a Two-Dimensional Zinc Phosphite, Zn <sub>3</sub> (tren)(HPO <sub>3</sub> ) <sub>3</sub> ·xH <sub>2</sub> O (x = 0.5; tren = tris(2-aminoethyl)amine). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2005</b> , 631, 1957-1960	1.3	10
8	catena-Poly[[diaquacadmium(II)]-mu-5-carboximidazole-4-carboxylato-kappa <sup>4</sup> N <sub>1,O5:O4,N3</sub> ]. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>2004</b> , 60, m590-1		3
7	Two Copper(II) Complexes Built from a Novel Redox-Active Bipyridinium Dimer Ligand and Oxalate Anions: Synthesis, Crystal Structure and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , <b>2004</b> , 2004, 3837-3841	2.3	13
6	Syntheses, Characterizations, and Crystal Structures of Three New Metal Phosphonocarboxylates with a Layered and a Microporous Structure. <i>European Journal of Inorganic Chemistry</i> , <b>2003</b> , 2003, 4211-4217	2.3	50
5	Novel Hybrid Porous 3D Networks of Lead(II) Diphosphonate and Triphosphonate Containing 1,3,5-Benzenetricarboxylate. <i>European Journal of Inorganic Chemistry</i> , <b>2003</b> , 2003, 4218-4226	2.3	65

4	One- and two-dimensional coordination assemblies of a novel redox-active bipyridinium dimer ligand with magnetic oxalate complexes. <i>Dalton Transactions</i> , <b>2003</b> , 3634-3638	4.3	14
3	Cd(2,2'-bipy)(H <sub>2</sub> PO <sub>4</sub> ) <sub>2</sub> : the first cadmium phosphate with an organic amine acting as a ligand. <i>Journal of Materials Chemistry</i> , <b>2003</b> , 13, 447-449		34
2	Hydrothermal synthesis, characterization and crystal structures of two new layered lead(II) diphosphonates. <i>New Journal of Chemistry</i> , <b>2003</b> , 27, 1326	3.6	35
1	Giant Ln <sub>30</sub> -Cluster-Embedded Polyoxotungstate Nanoclusters with Exceptional Proton-Conducting and Luminescent Properties. <i>CCS Chemistry</i> , 1-8	7.2	4