

Dongrong Xiao

List of Publications by Year in descending order

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52
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236925

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times ranked

1092
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#	ARTICLE	IF	CITATIONS
1	A series of polythreaded architectures based on a long flexible tetracarboxylate ligand and different N-donor ligands. <i>Inorganica Chimica Acta</i> , 2016, 447, 66-76.	2.4	13
2	An unusual 3D 8-connected entangled coordination network with coexistence of self-threading, polythreading and interpenetration. <i>CrystEngComm</i> , 2013, 15, 10435.	2.6	16
3	Synthesis, Structure, and Characterization of a New Metal-Organic Framework containing <i>Meso</i> -Helices. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 558-562.	1.2	4
4	Guest-induced expanding and shrinking porous modulation based on interdigitated metal-organic frameworks constructed by 4,4'-sulfonyldibenzoate and barium ions. <i>CrystEngComm</i> , 2012, 14, 2849.	2.6	33
5	Helicity controlled by the chirality of amino acid: two novel enantiopure chiral 3D architectures containing fivefold interwoven helices. <i>CrystEngComm</i> , 2012, 14, 3609.	2.6	45
6	An unprecedented (5,12)-connected 3D self-penetrating metal-organic framework based on dinuclear barium clusters as building blocks. <i>CrystEngComm</i> , 2011, 13, 433-436.	2.6	39
7	An unprecedented 3-fold interpenetrated double-edged pseudo-diamondoid network containing exceptional 5-fold interlocking tri-flexure helices and 15-fold interwoven helices. <i>CrystEngComm</i> , 2011, 13, 4841.	2.6	34
8	A series of novel entangled coordination frameworks with inherent features of self-threading, polyrotaxane and polycatenane. <i>CrystEngComm</i> , 2011, 13, 4988.	2.6	56
9	Unusual self-threading and interdigitated architectures self-assembled from long flexible ligands and d10 metal salts. <i>CrystEngComm</i> , 2011, 13, 7098.	2.6	35
10	A 3D interpenetrated rutile coordination framework formed by dinuclear cadmium clusters and 4,4'-sulfonyldibenzoate. <i>Solid State Sciences</i> , 2011, 13, 1573-1578.	3.2	10
11	A novel self-penetrating metal-organic open framework containing unusual triple-stranded molecular braid and septuple helices. <i>Journal of Molecular Structure</i> , 2009, 936, 264-269.	3.6	15
12	Synthesis and Characterization of Two Extended High-dimensional Architectures Formed by Transition Metal-Glycine Complexes. <i>Journal of Cluster Science</i> , 2008, 19, 367-378.	3.3	5
13	Two (3,10)-Connected 2D Networks Based on Pentanuclear Metal Clusters as Building Blocks. <i>European Journal of Inorganic Chemistry</i> , 2008, 2610-2615.	2.0	37
14	An interesting fourfold interpenetrating network constructed by polyoxometalates and metal-organic coordination complexes: $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si3.gif" overflow="scroll"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo stretchy="false"} \rangle [\langle \text{mml:mo} \rangle \langle \text{mml:mmultiscripts} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mtext} \rangle \text{Cu} \langle \text{mml:mtext} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:none} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mtext} \rangle \langle \text{mml:mtext} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 5 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:none} \rangle$	3.6	17
15	An Unprecedented Fivefold Interpenetrating Network Based on Polyoxometalate Building Blocks. <i>Crystal Growth and Design</i> , 2007, 7, 592-594.	3.0	52
16	A Series of New Organic-Inorganic Molybdenum Arsenate Complexes Based on [(ZnO ₆)(As ₃ O ₃) ₂ Mo ₆ O ₁₈] ₄ - and [H _x As ₂ Mo ₆ O ₂₆] _(6-x) -Clusters as SBUs. <i>Inorganic Chemistry</i> , 2007, 46, 1563-1574.	4.0	87
17	Self-assembly of four three-dimensional reduced molybdenum(V) phosphates decorated with transitional metal complexes. <i>Inorganica Chimica Acta</i> , 2007, 360, 421-430.	2.4	27
18	Synthesis and characterization of two novel high-dimensional extended structures based on Keggin-type polyoxometalates and potassium-glycine complex subunits. <i>Journal of Molecular Structure</i> , 2007, 837, 237-244.	3.6	17

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19	Synthesis and characterization of a novel two-dimensional layered vanadate complex containing double helical chains. <i>Journal of Molecular Structure</i> , 2007, 840, 53-58.	3.6	10
20	Syntheses and characterization of three hybrid materials based on polymeric copper complexes and saturated Keggin polyoxoanions. <i>Transition Metal Chemistry</i> , 2007, 32, 950-959.	1.4	17
21	Synthesis and Characterization of a Novel 3D Organic-Inorganic Hybrid Framework Templated by Keggin Anions. <i>Journal of Cluster Science</i> , 2007, 18, 909-920.	3.3	6
22	Self-Assembly of Extended High-Dimensional Architectures from Anderson-type Polyoxometalate Clusters. <i>Crystal Growth and Design</i> , 2006, 6, 1107-1112.	3.0	130
23	Synthesis and structure of a novel one-dimensional vanadate constructed from tetravanadate clusters linked via copper-organic complex moieties: $[\{Cu(phen)(H_2O)\}_2V_4O_{12}]$. <i>Journal of Coordination Chemistry</i> , 2006, 59, 827-835.	2.2	4
24	A three-dimensional supramolecular framework built from two-dimensional wave-shaped layers. <i>Journal of Coordination Chemistry</i> , 2006, 59, 883-890.	2.2	2
25	Structural effects of lone-pair electrons: a novel three-dimensional, open-framework metal selenite constructed from $\{CoSeO_3\}_n$ double helical chains linked via ethylenediamine pillars. <i>Journal of Coordination Chemistry</i> , 2006, 59, 395-402.	2.2	7
26	Syntheses and structures of two novel inorganic-organic hybrid octamolybdates: $[H_2enMe]_2[Mo_8O_{26}] \cdot 2H_2O$ and $[Ni(2,2\text{-bpy})_3]_2[Mo_8O_{26}]$. <i>Journal of Molecular Structure</i> , 2005, 738, 217-225.	3.6	37
27	Synthesis and structure of a novel three-dimensional metal selenite containing multidirectional intersecting double helical chains: $[Fe_2(H_2O)_4(SeO_3)_2]$. <i>Journal of Molecular Structure</i> , 2005, 740, 249-253.	3.6	7
28	The chiral structure induced by lone-pair electrons: syntheses and characterization of two novel chiral rare-earth selenites containing homochiral helical chains. <i>Journal of Molecular Structure</i> , 2005, 733, 69-75.	3.6	9
29	The first example of a structure containing both $\hat{1}\pm$ - and $\hat{1}^2$ -octamolybdates: synthesis and structure of a new three-dimensional supramolecular network $[Co(2,2\text{-bipy})_3]_4[Mo_8O_{26}]_2 \cdot 5H_2O$ (2,2'-bipy=2,2'-bipyridine). <i>Journal of Molecular Structure</i> , 2005, 741, 149-153.	3.6	28
30	Organic-inorganic hybrids with three-dimensional supramolecular channels based on Anderson type polyoxoanions. <i>Journal of Molecular Structure</i> , 2005, 743, 117-123.	3.6	33
31	Synthesis and characterization of two new extended structures based on Anderson-type polyoxoanions. <i>Journal of Molecular Structure</i> , 2005, 751, 184-189.	3.6	23
32	Self-assembly of a novel 3D open framework from Anderson-type polyoxoanions. <i>Inorganic Chemistry Communication</i> , 2005, 8, 267-270.	3.9	27
33	Open-Framework Polar Compounds: Synthesis and Characterization of Rare-Earth Polyoxometalates $(C_6NO_2H_5)_2[Ln(H_2O)_5(CrMo_6H_6O_{24})] \cdot 0.5H_2O$ (Ln = Ce and La). <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 854-859.	2.0	68
34	Open-Framework Polar Compounds: Synthesis and Characterization of Rare-Earth Polyoxometalates $(C_6NO_2H_5)_2[Ln(H_2O)_5(CrMo_6H_6O_{24})] \cdot 0.5H_2O$ (Ln: Ce and La).. <i>ChemInform</i> , 2005, 36, no-no.	0.0	0
35	Synthesis and Characterization of a Novel Organic/Inorganic Hybrid Based on Octamolybdates and Benzimidazole Molecules $[Hbenzimi]_4 [(benzimi)_2Mo_8O_{26}] \cdot 2H_2O$ (benzimi = benzimidazole). <i>Transition Metal Chemistry</i> , 2005, 30, 873-878.	1.4	11
36	Self-Assembly of a Series of Extended Architectures Based on Polyoxometalate Clusters and Silver Coordination Complexes. <i>Inorganic Chemistry</i> , 2005, 44, 6062-6070.	4.0	189

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37	A series of new polyoxoanion-based inorganic-organic hybrids: $(C_6NO_2H_5)[(H_2O)_4(C_6NO_2H_5)Ln(CrMo_6H_6O_{24})] \cdot 4H_2O$ ($Ln = Ce, Pr, La$ and Nd) with a chiral layer structure. <i>New Journal of Chemistry</i> , 2005, 29, 667.	2.8	75
38	A Novel Pillar-Layered Organic-Inorganic Hybrid Based on Lanthanide Polymer and Polyomolybdate Clusters: A New Opportunity toward the Design and Synthesis of Porous Framework. <i>Crystal Growth and Design</i> , 2005, 5, 65-67.	3.0	146
39	Hydrothermal synthesis and characterization of a novel polyoxometallate-templated three-dimensional supramolecular network. <i>Journal of Coordination Chemistry</i> , 2004, 57, 615-626.	2.2	4
40	Novel hydrogen-bonded three-dimensional network complexes containing cobalt-pyridine-2,6-dicarboxylic acid. <i>Transition Metal Chemistry</i> , 2004, 29, 212-215.	1.4	25
41	Hydrothermal synthesis and crystal structure of a three-dimensional metal selenite containing double helical chains: $Fe_3(H_2O)(SeO_3)_3$. <i>Journal of Solid State Chemistry</i> , 2004, 177, 2699-2704.	2.9	11
42	Synthesis and Structure of an Unprecedented Layered Vanadate Complex Containing Double-Helical Chains: $[CoIII(phen)_2]_2V_8O_{23}$. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 1385-1388.	2.0	45
43	Hydrothermal synthesis and crystal structure of a novel layered vanadate complex containing double helical chains: $[Zn(2,2'-bpy)]_2V_8O_{21}(2,2'-bpy=2,2'$ -bipyridine). <i>Journal of Molecular Structure</i> , 2004, 691, 123-131.	1.6	16
44	Hydrothermal synthesis and crystal structure of a new layered titanium vanadate decorated with organonitrogen ligand: $[Ti(2,2'-bpy)V_2O_7]$. <i>Journal of Molecular Structure</i> , 2004, 692, 107-114.	3.6	9
45	Hydrothermal synthesis and crystal structure of a novel one-dimensional arsenic vanadate decorated with organonitrogen ligand: $[H_3V_3O_{26}(AsO_4)_4(phen)_8(H_2O)_2] \cdot 2H_2O$ ($phen=phenanthroline$). <i>Inorganica Chimica Acta</i> , 2004, 357, 2477-2482.	2.4	21
46	Hydrothermal synthesis and characterization of an unprecedented \hat{I} -type octamolybdate: $[Ni(phen)_2]_2(Mo_8O_{26})$. <i>Inorganica Chimica Acta</i> , 2004, 357, 2525-2531.	2.4	73
47	The helical structure induced by metal-organic complexes: synthesis and characterization of a novel layered vanadate complex containing double helical chains. <i>Journal of Molecular Structure</i> , 2004, 707, 77-81.	3.6	12
48	A novel chain-like polymer constructed from heteropolyanions covalently linked by lanthanide cations: $(C_5H_9NO_2)_2[La(H_2O)_7CrMo_6H_6O_{24}] \cdot 11H_2O$ (Proline= $C_5H_9NO_2$). <i>Inorganic Chemistry Communication</i> , 2004, 7, 356-358.	3.9	40
49	A layered vanadium arsenate network decorated with the directly coordinated organonitrogen ligands: $[V_4O_7(HAsO_4)_2(o-phen)_2]$ ($o-phen=o-phenanthroline$). <i>Journal of Solid State Chemistry</i> , 2003, 175, 146-151.	2.9	16
50	Hydrothermal synthesis and crystal structure of a three-dimensional vanadium tellurite $V_4Te_4O_{18}$. <i>Journal of Solid State Chemistry</i> , 2003, 176, 159-164.	2.9	27
51	Hydrothermal synthesis and crystal structure of a novel polyoxomolybdate with the hydroxylated N-heterocycle ligand: $Mo_2O_5(o-phen)_2$ ($Hophen=2$ -hydroxy-1,10-phenanthroline). <i>Journal of Molecular Structure</i> , 2003, 659, 13-21.	3.6	16
52	Two Novel Vanadium Tellurites Covalently Bonded with Metal-Organic Complex Moieties: $M(phen)_2V_2Te_8$ ($M = Cu, Ni$). <i>Inorganic Chemistry</i> , 2003, 42, 7652-7657.	4.0	52