

Guo-Yu Yang

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.

430
papers

15,696
citations

63
h-index

110
g-index

527
ext. papers

17,372
ext. citations

5.1
avg. IF

7.14
L-index

#	Paper	IF	Citations
430	Syntheses, structures and optical properties of two B3O7 cluster-based borates. <i>CrystEngComm</i> , 2022 , 24, 1203-1210	3.3	0
429	A Dual-Functional Supramolecular Assembly for Enhanced Photocatalytic Hydrogen Evolution. <i>Applied Catalysis B: Environmental</i> , 2022 , 121386	21.8	0
428	Coupling Ni-substituted polyoxometalate catalysts with water-soluble CdSe quantum dots for ultraefficient photogeneration of hydrogen under visible light. <i>Applied Catalysis B: Environmental</i> , 2021 , 120893	21.8	4
427	Three Lanthanide-Functionalized Antimonotungstate Clusters with a {SbOLn(HO)} Core: Syntheses, Structures, and Properties. <i>Inorganic Chemistry</i> , 2021 , 60, 18065-18074	5.1	2
426	Four Inorganic-Organic Hybrid Borates: From 2D Layers to 3D Oxoboron Cluster Organic Frameworks. <i>Inorganic Chemistry</i> , 2021 , 60, 18283-18290	5.1	1
425	{Ti}/Ti Wheel Cluster Substituted Silicotungstate Aggregates. <i>Inorganic Chemistry</i> , 2021 , 60, 16852-16859	5.1	3
424	LiBO ₂ HdpHO: A Cotemplated Acentric Layer-Pillared Borate Built by Mixed Oxoboron Clusters. <i>Inorganic Chemistry</i> , 2021 , 60, 16085-16089	5.1	4
423	Two Chiral Metal Complex Templated Aluminoborates Constructed from Three Types of Oxoboron Clusters. <i>Inorganic Chemistry</i> , 2021 , 60, 6576-6584	5.1	5
422	Selective Photocatalytic Oxidation of Sulfides in Lanthanide Metal -Organic Frameworks Incorporating Ru(2,2'-bpy) photosensitizer. <i>Chemistry - an Asian Journal</i> , 2021 , 16, 2031-2034	4.5	2
421	{Cu} Cluster-Sandwiched Polyoxotungstates and Their Polymers: Syntheses, Structures, and Properties. <i>Inorganic Chemistry</i> , 2021 , 60, 10459-10467	5.1	2
420	Polar polymorphism: [Ca ₂ [B ₅ O ₈ (OH)] ₂ [B(OH) ₃][H ₂ O] _n] synthesis, structure and nonlinear optical property. <i>Journal of Solid State Chemistry</i> , 2021 , 299, 122193	3.3	6
419	Investigation of catalytic self-cleaning process of multiple active species decorated macroporous PVDF membranes through peroxymonosulfate activation. <i>Journal of Colloid and Interface Science</i> , 2021 , 586, 178-189	9.3	15
418	Boosting charge carriers separation and migration efficiency via fabricating all organic van der Waals heterojunction for efficient photoreduction of CO ₂ . <i>Chemical Engineering Journal</i> , 2021 , 408, 127292	14.7	10
417	Research advances of light-driven hydrogen evolution using polyoxometalate-based catalysts. <i>Chinese Journal of Catalysis</i> , 2021 , 42, 855-871	11.3	16
416	Three mixed-alkaline-metal borates with {Li@B ₁₂ O _x (OH) ₂₄ } (x = 18, 22) clusters: from isolated oxoboron cluster to unusual layer. <i>CrystEngComm</i> , 2021 , 23, 6518-6525	3.3	1
415	Bis(βdiketone)-based metallacycles with haloalkane-induced fluorescence enhancement. <i>Dalton Transactions</i> , 2021 , 50, 8680-8684	4.3	1
414	A [AsO-Bridging Hexadecanuclear Ni-Substituted Polyoxotungstate. <i>Inorganic Chemistry</i> , 2021 , 60, 3996-4003	5.0	4

413	Synthesis of Two New Ni ₁₂ -Cluster Substituted Sandwiched Phosphotungstates Organic-Cluster and their Magnetic Property. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 2718-2723	2.3	0
412	Ring-Shaped Polyoxometalate Built by {Mn ₄ PW ₉ } and PO ₄ Units for Efficient Visible-Light-Driven Hydrogen Evolution. <i>CCS Chemistry</i> , 2021 , 3, 2095-2103	7.2	9
411	K Na [B ₃ O(OH)] ₂ B ₃ O(OH) ₃ · 7 H ₂ O: A Layered Borate Built by Mixed Oxoboron Clusters with Nonlinear-Optical Property. <i>Chemistry - an Asian Journal</i> , 2021 , 16, 3244-3248	4.5	5
410	A {TiW}-Cluster-Substituted Polyoxotungstate: Synthesis, Structure, and Catalytic Oxidation Properties. <i>Inorganic Chemistry</i> , 2021 , 60, 14622-14628	5.1	2
409	State-of-the-art advances in the structural diversities and catalytic applications of polyoxoniobate-based materials. <i>Coordination Chemistry Reviews</i> , 2021 , 443, 213966	23.2	9
408	Two deep-ultraviolet nonlinear optical barium borates framework: Alkali metal enhances the second-harmonic generation response. <i>Journal of Solid State Chemistry</i> , 2021 , 301, 122303	3.3	3
407	Two novel nickel cluster substituted polyoxometalates: syntheses, structures and their photocatalytic activities, magnetic behaviors, and proton conduction properties. <i>Inorganic Chemistry Frontiers</i> , 2021 , 8, 1303-1311	6.8	11
406	From [B ₆ O ₁₃] ⁸⁻ to [GaB ₅ O ₁₃] ⁸⁻ to [Ga{B ₅ O ₉ (OH)}{BO(OH) ₂ }] ₂ ¹⁰⁻ synthesis, structure and nonlinear optical properties of new metal borates. <i>CrystEngComm</i> , 2021 , 23, 5200-5207	3.3	2
405	Three Inorganic-Organic Hybrid Gallo-/Alumino-Borates with Porous-Layered Structures Containing [MBO(OH)] (M = Al/Ga) Cluster Units. <i>Inorganic Chemistry</i> , 2020 , 59, 18366-18373	5.1	6
404	Enhanced light utilization efficiency and fast charge transfer for excellent CO photoreduction activity by constructing defect structures in carbon nitride. <i>Journal of Colloid and Interface Science</i> , 2020 , 578, 574-583	9.3	27
403	Synthesis of two new copper-sandwiched polyoxotungstates and the influence of nuclear number on catalytic hydrogen evolution activity. <i>New Journal of Chemistry</i> , 2020 , 44, 11035-11041	3.6	3
402	An unprecedented polyhydroxycarboxylic acid ligand bridged multi-Eu incorporated tellurotungstate and its luminescence properties. <i>Dalton Transactions</i> , 2020 , 49, 8933-8948	4.3	10
401	Polyoxometalate functionalized architectures. <i>Coordination Chemistry Reviews</i> , 2020 , 414, 213260	23.2	88
400	Two inorganic-organic hybrid silver-polyoxometalates as reusable catalysts for one-pot synthesis of propargylamines via a three-component coupling reaction at room temperature. <i>CrystEngComm</i> , 2020 , 22, 2642-2648	3.3	11
399	Two new Cu-based borate catalysts with cubic supramolecular cages for efficient catalytic hydrogen evolution. <i>Dalton Transactions</i> , 2020 , 49, 10156-10161	4.3	7
398	Two unusual nanosized Nd-substituted selenotungstate aggregates simultaneously comprising lacunary Keggin and Dawson polyoxotungstate segments. <i>Nanoscale</i> , 2020 , 12, 16091-16101	7.7	11
397	Covalent conductive polymer chain and organic ligand ethylenediamine modified MXene-like-{AlW ₁₂ O ₄₀ } compounds for fully symmetric supercapacitors, electrochemical sensors and photocatalysis mechanisms. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 5709-5720	13	19
396	Two New Alkaline Metal Borates with Supramolecular Framework Constructed from 1D {B ₅ }/B ₆ Helical Chains. <i>Chemical Research in Chinese Universities</i> , 2020 , 36, 86-90	2.2	2

- 395 A Ni₁₁-cluster sandwiched phosphotungstate supported by Ni(H₂O)₅ group. *Inorganic Chemistry Communication*, **2020**, 113, 107765 3.1 2
- 394 Nonanuclear Heterometal Five-Layer Sandwich-Type Polyoxometalate. *Inorganic Chemistry*, **2020**, 59, 6131-6136 5.1 6
- 393 Imidazole-induced self-assembly of polyoxovanadate cluster organic framework for efficient Knoevenagel condensation under mild conditions. *CrystEngComm*, **2020**, 22, 4147-4153 3.3 16
- 392 Two new hexa-Ni-substituted polyoxometalates in the form of an isolated cluster and 1-D chain: syntheses, structures, and properties. *CrystEngComm*, **2020**, 22, 8387-8393 3.3 6
- 391 Three ring-shaped Zr(IV)-substituted silicotungstates: syntheses, structures and their properties. *Nanoscale*, **2020**, 12, 18333-18341 7.7 17
- 390 A new 22-Ni-substituted polyoxometalate: Hydrothermal synthesis, structure and electrochemical property. *Inorganic Chemistry Communication*, **2020**, 113, 107753 3.1 2
- 389 Two novel 3D borates: porous-layer and layer-pillar frameworks. *Dalton Transactions*, **2020**, 49, 3824-3829 4.3 9
- 388 A New Hexa-Ti(IV)-Substituted Sandwich-Type Polyoxotungstate: Hydrothermal Synthesis, Structure, and Oxidative Decontamination of Chemical Warfare Agent Simulant. *European Journal of Inorganic Chemistry*, **2020**, 2020, 475-479 2.3 2
- 387 Syntheses and structures of a new 2D layered borate and a novel 3D porous-layered aluminoborate. *Dalton Transactions*, **2020**, 49, 3750-3757 4.3 8
- 386 Three Zr(IV)-Substituted Polyoxotungstate Aggregates: Structural Transformation from Tungstoantimonate to Tungstophosphate Induced by pH. *Inorganic Chemistry*, **2020**, 59, 12842-12849 5.1 10
- 385 A new 3 D {Na₂Cu₃}-substituted polyoxometalate: synthesis, structure and its photocatalytic and electrochemical properties. *Journal of Coordination Chemistry*, **2020**, 73, 2499-2510 1.6 1
- 384 Anderson polyoxometalate built-in covalent organic frameworks for enhancing catalytic performances. *Journal of Materials Chemistry A*, **2020**, 8, 8548-8553 1.3 32
- 383 A new octa-Mn-substituted poly(polyoxotungstate). *Dalton Transactions*, **2019**, 48, 14306-14311 4.3 9
- 382 Li₂Na₂[B₁₂O₁₉(OH)₂]: a new open framework borate with a pcu-type net constructed from large cyclic dodeca-oxoboron units. *CrystEngComm*, **2019**, 21, 1262-1266 3.3 7
- 381 Syntheses, Structures, and Electrochemical Properties of Three New Acetate-Functionalized Zirconium-Substituted Germanotungstates: From Dimer to Tetramer. *Inorganic Chemistry*, **2019**, 58, 2372-2378¹⁷ 5.1 17
- 380 Zr₄-Substituted polyoxometalate dimers decorated by D-tartaric acid/glycolic acid: syntheses, structures and optical/electrochemical properties. *CrystEngComm*, **2019**, 21, 876-883 3.3 6
- 379 Two Ce-Substituted Selenotungstates Regulated by N, N-Dimethylethanolamine and Dimethylamine Hydrochloride. *Inorganic Chemistry*, **2019**, 58, 8442-8450 5.1 25
- 378 Syntheses, Structures and Characterizations of Two New Polyborates Containing Heptaborate Sub-clusters. *Journal of Cluster Science*, **2019**, 30, 1139-1144 3 3

377	Enantiomeric Polyoxometalates Based on Malate Chirality-Inducing Tetra-Zr-Substituted Keggin Dimeric Clusters. <i>Inorganic Chemistry</i> , 2019 , 58, 4657-4664	5.1	14
376	Five Transition-Metal-Substituted Polyoxometalates: Syntheses, Structures and Electrochemical Properties. <i>Journal of Cluster Science</i> , 2019 , 30, 637-645	3	7
375	Syntheses, structures and properties of three organic/inorganic hybrid polyoxotungstates constructed from {Ni ₆ PW ₉ } building blocks: from isolated clusters to 2-D layers. <i>CrystEngComm</i> , 2019 , 21, 2641-2647	3.3	10
374	LiK[B ₅ O ₈ (OH)] ₂ ·1.5H ₂ O: A novel lithium borate with nonlinear optical property. <i>Inorganic Chemistry Communication</i> , 2019 , 102, 262-266	3.1	6
373	A Trinuclear Zr-Substituted Decanuclear Hetero-Metal Sandwich Tungstoantimonate: Synthesis, Structure and Properties. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 486-491	2.3	9
372	An Oxalate-Functionalized Tetra-Zr ^{IV} -Substituted Sandwich-Type Silicotungstate: Hydrothermal Synthesis, Structural Characterization, and Catalytic Oxidation of Thioethers. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 417-422	2.3	10
371	Two μ -Monozirconium-Substituted Dimeric Silicotungstates: Hydrothermal Synthesis, Structural Characterization and Catalytic Oxidation of Thioethers. <i>Journal of Cluster Science</i> , 2019 , 30, 1115-1121	3	2
370	Two Series of Cu ^I -Substituted Sandwich-Type Polyoxotungstates Constructed from Trivacant Germanotungstate Fragments. <i>ChemistrySelect</i> , 2019 , 4, 7559-7565	1.8	2
369	Two-dimensional nonlinear optical materials predicted by network visualization. <i>Molecular Systems Design and Engineering</i> , 2019 , 4, 586-596	4.6	3
368	Ligand Substituent Effects on the Spin-Crossover Behaviors of Dinuclear Iron(II) Compounds. <i>Inorganic Chemistry</i> , 2019 , 58, 1309-1316	5.1	3
367	LiCsBO(OH): A Deep-Ultraviolet Nonlinear-Optical Mixed-Alkaline Borate Constructed by Unusual Heptaborate Anions. <i>Inorganic Chemistry</i> , 2019 , 58, 1755-1758	5.1	45
366	A New Hepta-Nuclear Ti-Oxo-Cluster-Substituted Tungstoantimonate and Its Catalytic Oxidation of Thioethers. <i>Crystal Growth and Design</i> , 2019 , 19, 376-380	3.5	21
365	Bipyridinium derivative-based coordination polymers: From synthesis to materials applications. <i>Coordination Chemistry Reviews</i> , 2019 , 378, 533-560	23.2	133
364	Linking 1D Transition-Metal Coordination Polymers and Different Inorganic Boron Oxides To Construct a Series of 3D Inorganic-Organic Hybrid Borates. <i>Inorganic Chemistry</i> , 2018 , 57, 1350-1355	5.1	25
363	Monitoring the Spin States of Ferrous Ions by Fluorescence Spectroscopy in Spin-Crossover-Fluorescent Hybrid Materials. <i>Chemistry - A European Journal</i> , 2018 , 24, 3218-3224	4.8	23
362	Designing Two-Dimensional KBBF Family Second-Harmonic Generation Monolayers. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 7992-7996	3.8	12
361	[M(1,2-dap) ₃][B ₁₀ O ₁₃ (OH) ₆] (M = Co, Ni): Two New Borates Containing [B ₁₀ O ₁₃ (OH) ₆] ₂ Cluster Units. <i>Journal of Cluster Science</i> , 2018 , 29, 49-55	3	7
360	Unprecedented Selenium and Lanthanide Simultaneously Bridging Selenotungstate Aggregates Stabilized by Four Tetra-vacant Dawson-like {Se W } Units. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 2897-2907	4.5	12

359	Two New Tetra-Zr(IV)-Substituted Sandwich-Type Polyoxometalates Functionalized by Different Organic Amine Ligands. <i>Journal of Cluster Science</i> , 2018 , 29, 1185-1191	3	4
358	A new inorganic-organic hybrid transition-metal-substituted polyoxometalate. <i>Inorganic Chemistry Communication</i> , 2018 , 96, 69-72	3.1	7
357	Designed Construction of Cluster Organic Frameworks from Lindqvist-type Polyoxovanadate Cluster. <i>Inorganic Chemistry</i> , 2018 , 57, 10323-10330	5.1	40
356	Two-Dimensional Deep-Ultraviolet Beryllium-Free KBeBOF Family Nonlinear-Optical Monolayer. <i>Inorganic Chemistry</i> , 2018 , 57, 7503-7506	5.1	19
355	An unprecedented Zr-containing polyoxometalate tetramer with mixed trilacunary/dilacunary Keggin-type polyoxotungstate units. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2018 , 74, 1284-1288	0.8	4
354	Integrating the active OER and HER components as the heterostructures for the efficient overall water splitting. <i>Nano Energy</i> , 2018 , 44, 353-363	17.1	344
353	Induced Aggregation and Synergistic Coordination Strategy in Cluster Organic Architectures. <i>Accounts of Chemical Research</i> , 2018 , 51, 2888-2896	24.3	23
352	Three Alumino/Galloborate Frameworks Templated by Organic Amines: Syntheses, Structures, and Nonlinear Optical Properties. <i>Inorganic Chemistry</i> , 2018 , 57, 13505-13512	5.1	12
351	A new tetra-Zr(IV)-substituted polyoxotungstate aggregate. <i>Dalton Transactions</i> , 2018 , 47, 14017-14024	4.3	14
350	Two New Copper Borates with Mesoscale Cubic Supramolecular Cages Assembled from {Cu @B} Clusters. <i>Chemistry - A European Journal</i> , 2017 , 23, 2774-2777	4.8	12
349	[Zn(H ₂ O) ₄][B ₆ O ₁₀]: An open-framework borate with acentric structure. <i>Inorganic Chemistry Communication</i> , 2017 , 76, 15-17	3.1	2
348	Inhibitory effects of different substituted transition metal-based krebbs-type sandwich structures on human hepatocellular carcinoma cells. <i>Dalton Transactions</i> , 2017 , 46, 2874-2883	4.3	21
347	CsBGeO (x = 1): A Zeolite Sodalite-Type Borogermanate with a High Ge/B Ratio by Partial Boron Substitution. <i>Inorganic Chemistry</i> , 2017 , 56, 2371-2374	5.1	15
346	A rare polyoxometalate based on mixed niobium-based polyoxoanions [GeNb ₁₈ O ₅₄] ₁₄ and [Nb ₃ W ₃ O ₁₉] ₅ . <i>Inorganic Chemistry Communication</i> , 2017 , 78, 56-60	3.1	8
345	Extending Unique 1D Borate Chains to 3D Frameworks by Introducing Metallic Nodes. <i>Chemistry - A European Journal</i> , 2017 , 23, 7614-7620	4.8	21
344	[Zn(dap) ₃][Zn(dap)B ₅ O ₈ (OH) ₂] ₂ : A Novel Organic-Inorganic Hybrid Chain-Like Zincoborate Made of [B ₅ O ₈ (OH) ₂] ₃ Clusters and [Zn(dap)] ₂ ⁺ Linkers. <i>Journal of Cluster Science</i> , 2017 , 28, 1421-1429	3	6
343	A two-dimensional (4,4)-network built by tetra-Ni-substituted sandwich-type Keggin polyoxoanions linked by different Ni-organoamine complexes. <i>Inorganic Chemistry Communication</i> , 2017 , 75, 12-15	3.1	1
342	Na ₄ Ca[B ₄ O ₅ (OH) ₄] ₃ ·4H ₂ O: An Acentric Supramolecular Framework Borate Based on [B ₄ O ₅ (OH) ₄] ₂ Cluster Units. <i>Journal of Cluster Science</i> , 2017 , 28, 2157-2165	3	5

341	Two Zeolitic Open-Framework Aluminoborates Directed by Similar Zn-Complexes. <i>Inorganic Chemistry</i> , 2017 , 56, 6630-6637	5.1	14
340	A New Three-Dimensional Framework Based on K ₂ Zr ₃ -Substituted Sandwich-Type Polyoxometalate Clusters and K ⁺ Chains. <i>Journal of Cluster Science</i> , 2017 , 28, 2565-2573	3	1
339	A Trizirconium(IV)-Substituted Sandwiched Polyoxometalate with Mixed Trilacunary Keggin-/Dawson-Type Polyoxotungstate Units. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 3244-3247	2.3	11
338	An Ultraviolet Nonlinear Optic Borate with 13-Ring Channels Constructed from Different Building Units. <i>Inorganic Chemistry</i> , 2017 , 56, 6780-6783	5.1	31
337	Two inorganic-organic hybrid polyoxotungstates constructed from tetra-ZrIV-substituted sandwich-type germanotungstates functionalized by tris ligand. <i>Inorganic Chemistry Communication</i> , 2017 , 85, 32-36	3.1	9
336	Two deep-ultraviolet nonlinear optical alkaline-earth metal borates based on different types of oxoboron clusters. <i>Dalton Transactions</i> , 2017 , 46, 7911-7916	4.3	33
335	A New 2-D Inorganic/Organic Hybrid Polyoxometalate Based on Mono-Cu-Substituted [CuSiW ₁₁ O ₃₉] ⁶⁻ Chains and [Cu(en) ₂] ²⁺ Bridges. <i>Journal of Cluster Science</i> , 2017 , 28, 1249-1257	3	
334	An aluminoborate directed by [Zn(H ₂ O) ₄] ²⁺ complex: Synthesis, structure and properties. <i>Inorganic Chemistry Communication</i> , 2017 , 76, 26-29	3.1	1
333	Structural Transformation from Dimerization to Tetramerization of Serine-Decorated Rare-Earth-Incorporated Arsenotungstates Induced by the Usage of Rare-Earth Salts. <i>Chemistry - A European Journal</i> , 2017 , 23, 2673-2689	4.8	80
332	Two New Octaborates Constructed of Two Different Sub-clusters and Supported by Metal Complexes. <i>Journal of Cluster Science</i> , 2017 , 28, 1237-1248	3	9
331	Centrosymmetric (H ₂ dim) ₂ [GeBO(OH)] and Noncentrosymmetric NaGaBO(OH): Solvothermal/Surfactant-Thermal Synthesis of Open-Framework Borogermanate and Galloborate. <i>Inorganic Chemistry</i> , 2017 , 56, 12695-12698	5.1	19
330	A novel supramolecular magnesoborate framework with snowflake-like channels built by unprecedented huge B cluster cages. <i>Chemical Communications</i> , 2017 , 53, 10398-10401	5.8	33
329	Two new 2D organic/inorganic hybrids assembled by lanthanide-substituted polyoxotungstate dimers and copper complex linkers. <i>Inorganic Chemistry Communication</i> , 2017 , 84, 212-216	3.1	8
328	A new mixed alkali metal borate: LiCs[B ₅ O ₈ (OH)]·H ₂ O. <i>Inorganic Chemistry Communication</i> , 2017 , 86, 18-21	3.1	5
327	Tellurotungstate-Based Organotin-Rare-Earth Heterometallic Hybrids with Four Organic Components. <i>Inorganic Chemistry</i> , 2017 , 56, 7257-7269	5.1	36
326	Na ₂ (H ₂ en)[B ₅ O ₈ (OH)] ₂ [B ₃ O ₄ (OH)] ₂ and Na ₃ (HCOO)[B ₅ O ₈ (OH)]: Two Borates Co-Templated by Inorganic Cations and Organic Compounds. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 4061-4067	2.3	13
325	Borates A Novel Twofold Interpenetrating 3D Diamondoid Borate Framework Constructed from B ₄ and B ₅ Clusters. <i>ChemistrySelect</i> , 2017 , 2, 5311-5315	1.8	9
324	Novel borate supramolecular frameworks constructed from isolated B ₄ /B ₅ clusters and 1-D B ₁₇ -based chains. <i>Inorganic Chemistry Communication</i> , 2017 , 85, 92-95	3.1	3

323	Synthesis, structure and characterization of a new nonlinear optical calcium borate [Ca ₂ B ₅ O ₉][H(OH) ₂]. <i>Inorganic Chemistry Communication</i> , 2017 , 86, 308-311	3.1	3
322	Sequential two-step hydrothermal growth of MoS ₂ /CdS core-shell heterojunctions for efficient visible light-driven photocatalytic H ₂ evolution. <i>Applied Catalysis B: Environmental</i> , 2017 , 203, 955-963	21.8	131
321	Hydrothermal Synthesis of Lanthanide and Lanthanide-Transition-Metal Cluster Organic Frameworks via Synergistic Coordination Strategy. <i>Structure and Bonding</i> , 2016 , 97-119	0.9	1
320	A series of inorganic-organic hybrid cadmium borates with novel Cd-centred [Cd@B ₁₄ O ₂₀ (OH) ₆](2-) clusters. <i>Dalton Transactions</i> , 2016 , 45, 13937-43	4.3	21
319	Immobilization of Polyoxometalate in the Metal-Organic Framework rht-MOF-1: Towards a Highly Effective Heterogeneous Catalyst and Dye Scavenger. <i>Scientific Reports</i> , 2016 , 6, 25595	4.9	41
318	pH-Dependent Self-Assembly of Ladder-Like Lanthanide Chains with Copper(I) Halide Clusters. <i>ChemPlusChem</i> , 2016 , 81, 792-797	2.8	
317	Two novel pillared-layer lanthanide borates built by Ln@B ₁₂ O _{28/29} ring clusters and dicarboxylate linkers (Ln = Pr, Nd). <i>Dalton Transactions</i> , 2016 , 45, 11628-32	4.3	16
316	A series of lanthanide germanate cluster organic frameworks. <i>Dalton Transactions</i> , 2016 , 45, 11958-67	4.3	11
315	Hydrothermal Syntheses and Structures of Two Tetra-Coll Substituted Sandwiched Polyoxometalates. <i>Journal of Cluster Science</i> , 2016 , 27, 1439-1449	3	4
314	Designed Assembly of Heterometallic Cluster Organic Frameworks Based on Anderson-Type Polyoxometalate Clusters. <i>Angewandte Chemie</i> , 2016 , 128, 6572-6576	3.6	20
313	Water-Stable Homochiral Cluster Organic Frameworks Built by Two Kinds of Large Tetrahedral Cluster Units. <i>Chemistry - A European Journal</i> , 2016 , 22, 2611-5	4.8	19
312	A zeolite CAN-type aluminoborate with gigantic 24-ring channels. <i>Chemical Communications</i> , 2016 , 52, 1729-32	5.8	34
311	Extended hybrid architectures based on tetra-Coll sandwiched polyoxotungstates. <i>CrystEngComm</i> , 2016 , 18, 2712-2718	3.3	4
310	Research progress on polyoxometalate-based transition-metal-rare-earth heterometallic derived materials: synthetic strategies, structural overview and functional applications. <i>Chemical Communications</i> , 2016 , 52, 4418-45	5.8	190
309	Recent developments in low-cost TM-catalyzed Heck-type reactions (TM = transition metal, Ni, Co, Cu, and Fe). <i>Catalysis Science and Technology</i> , 2016 , 6, 2862-2876	5.5	36
308	Studies of the Atrazine Aqueous Suspension Stability in the Presence of an Anionic Polymer Influences of Polymer Molecular Weight and Solution pH. <i>Journal of Dispersion Science and Technology</i> , 2016 , 37, 1233-1240	1.5	7
307	Solvothermal Synthesis and Structure of Two New Borates Containing [B ₇ O ₉ (OH) ₅] ₂ and [B ₁₂ O ₁₈ (OH) ₆] ₆ Clusters. <i>Journal of Cluster Science</i> , 2016 , 27, 625-633	3	6
306	Two novel 2D organic-inorganic hybrid silicotungstates assembled by {Cu ₂ Ln ₂ (ox)(SiW ₁₁) ₂ } dimers and [Cu(en)(ox)]/[Cu(en) ₂] linkers. <i>Inorganic Chemistry Communication</i> , 2016 , 63, 65-68	3.1	9

305	Halogen dependent symmetry change in two series of wheel cluster organic frameworks built from La18 tertiary building units. <i>Chemical Communications</i> , 2016 , 52, 1455-7	5.8	8
304	Designed Assembly of Heterometallic Cluster Organic Frameworks Based on Anderson-Type Polyoxometalate Clusters. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 6462-6	16.4	119
303	Deep-Ultraviolet Nonlinear Optics in a Borate Framework with 21-Ring Channels. <i>Chemistry - A European Journal</i> , 2016 , 22, 10759-62	4.8	71
302	Trigonal Pyramidal {AsO ₂ (OH)} Bridging Tetranuclear Rare-Earth Encapsulated Polyoxotungstate Aggregates. <i>Inorganic Chemistry</i> , 2016 , 55, 3881-93	5.1	53
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66	Hydrothermal synthesis and structure of a novel hybrid germanium vanadate: $(2,2' \text{-bpy})_2 (\text{VVO}_2)_2 (\text{H}_2\text{GeO}_4)_6 \cdot 6\text{H}_2\text{O}$. <i>Inorganic Chemistry Communication</i> , 2004 , 7, 861-863	3-1	3
65	$\text{K}_2[\text{Ge}(\text{B}_4\text{O}_9)] \cdot 2\text{H}_2\text{O}$: a unique 3D alternating linkage mode of a B_4O_9 cluster and GeO_4 unit in borogermanate with two pairs of interweaving double helical channels. <i>Inorganic Chemistry</i> , 2004 , 43, 6148-50	5-1	82
64	$\text{Ga}(2,2' \text{-bipy})(\text{HPO}_4)(\text{H}_2\text{PO}_4)$: first layered inorganic-organic hybrid gallium phosphate with a neutral framework. <i>Inorganic Chemistry</i> , 2004 , 43, 797-801	5-1	40
63	Synthesis and characterization of a novel open-framework nickel-zinc phosphite with intersecting three-dimensional 16-ring channels. <i>Journal of Materials Chemistry</i> , 2004 , 14, 1652-1655		47
62	A novel chainlike As-V-O polymer based on a transition metal complex and a dimeric polyoxoanion. <i>Inorganic Chemistry</i> , 2004 , 43, 8005-9	5-1	128
61	$[\{\{\text{Zn}(\text{en})_2\}_2\text{As}_6\text{V}_{15}\text{O}_{42}(\text{H}_2\text{O})\}_2\{\text{Zn}(\text{en})_2\}] \cdot 2\text{H}_2\text{O}$. The First Dimeric Arsenic-Vanadium Cluster Linked by $\text{Zn}(\text{en})_2$ Complex Bridge. <i>Chemistry Letters</i> , 2003 , 32, 810-811	1-7	19
60	A novel interpenetrating 2-D brush-like structure: hydrothermal synthesis and crystal structure of $[\text{Cu}(\text{phen})\text{V}_4\text{O}_{10}]$ [phen=1,10-phenanthroline]. <i>Solid State Sciences</i> , 2003 , 5, 311-315	3-4	7
59	Synthesis and characterization of $[\text{Zn}(2,2' \text{-bipy})_2(\text{H}_2\text{PO}_3)_4]$: A neutral zinc phosphite cluster containing ZnO_3N_2 and H_2PO_3 units. <i>Solid State Sciences</i> , 2003 , 5, 1435-1438	3-4	16
58	Hydrothermal synthesis, crystal structure and characterization of $[\text{Zn}(\text{H}_2\text{O})_4]_2[\text{H}_2\text{As}_6\text{V}_{15}\text{O}_{42}(\text{H}_2\text{O})] \cdot 2\text{H}_2\text{O}$. <i>Journal of Molecular Structure</i> , 2003 , 660, 131-137	3-4	18
57	Hydrothermal synthesis and characterization of $(\text{enH}_2)_3.5[\text{As}_8\text{V}_{14}\text{O}_{42}(\text{PO}_4)] \cdot 2\text{H}_2\text{O}$. <i>Journal of Molecular Structure</i> , 2003 , 655, 207-213	3-4	3
56	Erratum to Hydrothermal synthesis and characterization of $(\text{enH}_2)_3.5[\text{As}_8\text{V}_{14}\text{O}_{42}(\text{PO}_4)] \cdot 2\text{H}_2\text{O}$ [J. Mol. Struct. 655 (2003) 207-213]. <i>Journal of Molecular Structure</i> , 2003 , 657, 395	3-4	2
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54	Hydrothermal synthesis and characterization of a novel two-dimensional framework materials constructed from the polyoxometalates and coordination groups: $[\text{As}_8\text{V}_{14}\text{O}_{42}(\text{CO}_3)]_3[\text{Cu}(\text{en})_2]_3 \cdot 10\text{H}_2\text{O}$. <i>Inorganic Chemistry Communication</i> , 2003 , 6, 259-261	3-1	46

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52	1-(4-Chloro-2-nitrophenyl)-4,4'-bipyridinium triiodide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003 , 59, o542-o544		
51	Bis(diethylenetriamine- β N)nickel hexafluorogermanate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003 , 59, m185-m187		4
50	Piperazinium hexaaquacobalt(II) disulfate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003 , 59, m286-m288		14
49	[Ge(7)O(13)(OH)(2)F(3)](3)(-).Cl(-).2[Ni(dien)(2)](2+): the first chainlike germanate templated by a transition metal complex. <i>Inorganic Chemistry</i> , 2003 , 42, 6595-7	5.1	69
48	Synthesis and Structure of KBGe ₂ O ₆ : the first chiral zeotype borogermanate with 7-ring channels. <i>Inorganic Chemistry</i> , 2003 , 42, 1797-9	5.1	77
47	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
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45	Isolation of a monomeric hybrid zinc phosphate and its one-dimensional relative. <i>Dalton Transactions</i> , 2003 , 3160	4.3	22
44	Guanidinium pyromellitate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2002 , 58, o904-o906		6
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42	Hexaaquazinc(II) dihydrogen-1,2,4,5-benzenetetracarboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2002 , 58, m548-m550		4
41	Imidazolium trihydrogen-1,2,4,5-benzenetetracarboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2002 , 58, o1100-o1102		5
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39	Synthesis and structure of a novel open-framework zincophosphate with intersecting three-dimensional helical channels. <i>Dalton Transactions RSC</i> , 2002 , 4527		24
38	Hydrothermal synthesis, structure and quantum chemistry of transition metal complex supported by metal-oxo cluster [(Ni(phen) ₂ 2 (EMo ₈ O ₂₆)). <i>Science in China Series B: Chemistry</i> , 2001 , 44, 137-146		2
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35	One-Dimensional Arsenic-Vanadium Cluster Chain Bridged by Two Co(en) ₂ Groups. <i>Chemistry Letters</i> , 2000 , 29, 462-463	1.7	24
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33	Inorganic/Organic Hybrid Materials Constructed from [(VO ₂)(HPO ₄)] _n Helical Chains and [M(4,4'-bpy) ₂] ²⁺ (M=Co, Ni) Fragments. <i>Angewandte Chemie - International Edition</i> , 2000 , 39, 2325-2327	16.4	212
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17	[Ni(C ₁₀ H ₈ N ₂) ₃] ₂ [V ₄ O ₁₂].11H ₂ O. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1998 , 54, 616-618		8
16	K ₆ [As ₆ V ₁₅ O ₄₂ (H ₂ O)].6H ₂ O. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1998 , 54, 1556-1558		8
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9	An unprecedented dumbbell-shaped pentadeca-nuclear W-Er heterometal cluster stabilizing nanoscale hexameric arsenotungstate aggregate and electrochemical sensing properties of its conductive hybrid film-modified electrode. <i>Nano Research</i> , 1	10	5
8	Efficient Photogeneration of Hydrogen Boosted by Long-Lived Dye-Modified Ir(III) Photosensitizers and Polyoxometalate Catalyst. <i>CCS Chemistry</i> , 651-663	7.2	6
7	Multicomponent Cooperative Assembly of Nanoscale Boron-Rich Polyoxotungstates {B ₃₀ Si ₆ Ni ₁₂ Ln ₆ W ₂₇ (OH) ₂₆ O ₁₆₈ }, {B ₃₀ Si ₅ Ni ₁₂ Ln ₇ W ₂₇ (OH) ₂₆ O ₁₆₆ }. <i>CCS Chemistry</i> , 1232-1241	7.2	10
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5	A New Tubular Borate Built By [B ₁₄ O ₂₄ (OH) ₆] ₁₂ Cluster Units. <i>Chemical Research in Chinese Universities</i> , 1	2.2	
4	Five new rubidium borates with 0D clusters, 1D chains, 2D layers and 3D frameworks. <i>CrystEngComm</i> ,	3.3	3
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