

# Wenfu Yan

## List of Publications by Year in descending order

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143  
papers

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citations

101543

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149698

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145  
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145  
docs citations

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times ranked

4391  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rational confinement engineering of MOF-derived carbon-based electrocatalysts toward CO <sub>2</sub> reduction and O <sub>2</sub> reduction reactions. <i>Informa Mater</i> , 2022, 4, .	17.3	58
2	Boosting selective C <sub>2</sub> H <sub>2</sub> /CH <sub>4</sub> , C <sub>2</sub> H <sub>4</sub> /CH <sub>4</sub> and CO <sub>2</sub> /CH <sub>4</sub> adsorption performance via 1,2,3-triazole functionalized triazine-based porous organic polymers. <i>Chinese Journal of Chemical Engineering</i> , 2022, 42, 64-72.	3.5	6
3	Facile activation of lithium slag for the hydrothermal synthesis of zeolite A with commercial quality and high removal efficiency for the isotope of radioactive <sup>90</sup> Sr. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 468-477.	6.0	12
4	Interfacial polarization in ultra-small Co <sub>3</sub> S <sub>4</sub> @MoS <sub>2</sub> heterostructure for efficient electrocatalytic hydrogen evolution reaction. <i>Applied Materials Today</i> , 2022, 26, 101311.	4.3	21
5	Controllable synthesis of platinum-tin intermetallic nanoparticles with high electrocatalytic performance for ethanol oxidation. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 1143-1151.	6.0	5
6	Synthesis of P-doped NiS as an electrode material for supercapacitors with enhanced rate capability and cycling stability. <i>New Journal of Chemistry</i> , 2022, 46, 6461-6469.	2.8	5
7	Concave Pt-Zn Nanocubes with High-Index Faceted Pt Skin as Highly Efficient Oxygen Reduction Catalyst. <i>Advanced Science</i> , 2022, 9, e2200147.	11.2	25
8	Enhancing the Stability of the Resin-Dentin Bonding Interface with Ag <sup>+</sup> - and Zn <sup>2+</sup> -Exchanged Zeolite A. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 1717-1725.	5.2	3
9	Low-energy adsorptive separation by zeolites. <i>National Science Review</i> , 2022, 9, .	9.5	41
10	Synthesis of Pure Silica Zeolites. <i>Chemical Research in Chinese Universities</i> , 2022, 38, 9-17.	2.6	6
11	Achieving ultra-dispersed 1T-Co-MoS <sub>2</sub> @HMCS space-confined engineering for highly efficient hydrogen evolution in the universal pH range. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 2617-2627.	6.0	5
12	Biomass-derived porous carbon with high drug adsorption capacity undergoes enzymatic and chemical degradation. <i>Journal of Colloid and Interface Science</i> , 2022, 622, 87-96.	9.4	3
13	Porous Copper-Loaded Zeolites for High-Efficiency Capture of Iodine from Spent Fuel Reprocessing Off-Gas. <i>Inorganic Chemistry</i> , 2022, 61, 7746-7753.	4.0	23
14	Singlet oxygen-promoted one-pot synthesis of highly ordered mesoporous silica materials via the radical route. <i>Green Chemistry</i> , 2022, 24, 4778-4782.	9.0	33
15	Removal of Anionic Dyes from Aqueous Solution with Layered Cationic Aluminum Oxyhydroxide. <i>Chemical Research in Chinese Universities</i> , 2022, 38, 1532-1541.	2.6	1
16	Two-Dimensional Cationic Aluminoborate as a New Paradigm for Highly Selective and Efficient Cr(VI) Capture from Aqueous Solution. <i>Jacs Au</i> , 2022, 2, 1669-1678.	7.9	1
17	Accelerated synthesis of Al-rich zeolite beta via different radicalized seeds in the absence of organic templates. <i>Microporous and Mesoporous Materials</i> , 2021, 310, 110633.	4.4	9
18	Defect Engineering on Carbon-Based Catalysts for Electrocatalytic CO <sub>2</sub> Reduction. <i>Nano-Micro Letters</i> , 2021, 13, 5.	27.0	118

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19	Reducing the dosage of the organic structure-directing agent in the crystallization of pure silica zeolite MFI (silicalite-1) for volatile organic compounds (VOCs) adsorption. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 3354-3362.	6.0	4
20	Enhancing catalytic performance of Cu-SSZ-13 for the NH <sub>3</sub> -SCR reaction <i>via in situ</i> introduction of Fe <sup>3+</sup> with diatomite. <i>Materials Chemistry Frontiers</i> , 2021, 5, 7787-7795.	5.9	14
21	An efficient and stable coral-like CoFeS <sub>2</sub> for wearable flexible all-solid-state asymmetric supercapacitor applications. <i>New Journal of Chemistry</i> , 2021, 45, 16606-16616.	2.8	8
22	The facile synthesis of core-shell PtCu nanoparticles with superior electrocatalytic activity and stability in the hydrogen evolution reaction. <i>RSC Advances</i> , 2021, 11, 26326-26335.	3.6	20
23	Potassium-incorporated manganese oxide enhances the activity and durability of platinum catalysts for low-temperature CO oxidation. <i>Catalysis Science and Technology</i> , 2021, 11, 6369-6373.	4.1	5
24	The inorganic cation-tailored "trapdoor" effect of silicoaluminophosphate zeolite for highly selective CO <sub>2</sub> separation. <i>Chemical Science</i> , 2021, 12, 8803-8810.	7.4	32
25	High-silica CHA Zeolite Membrane with Ultra-High Selectivity and Irradiation Stability for Krypton/Xenon Separation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 9032-9037.	13.8	32
26	High-silica CHA Zeolite Membrane with Ultra-High Selectivity and Irradiation Stability for Krypton/Xenon Separation. <i>Angewandte Chemie</i> , 2021, 133, 9114-9119.	2.0	6
27	Electron Beam Irradiation-Induced Formation of Defect-Rich Zeolites under Ambient Condition within Minutes. <i>Angewandte Chemie</i> , 2021, 133, 14984-14989.	2.0	2
28	Electron donation of non-oxide supports boosts O <sub>2</sub> activation on nano-platinum catalysts. <i>Nature Communications</i> , 2021, 12, 2741.	12.8	72
29	Electron Beam Irradiation-Induced Formation of Defect-Rich Zeolites under Ambient Condition within Minutes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14858-14863.	13.8	22
30	Exsolution of Iron Oxide on LaFeO <sub>3</sub> Perovskite: A Robust Heterostructured Support for Constructing Self-Adjustable Pt-Based Room-Temperature CO Oxidation Catalysts. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 27029-27040.	8.0	15
31	Constructing RuCoO <sub>x</sub> /NC Nanosheets with Low Crystallinity within ZIF-9 as Bifunctional Catalysts for Highly Efficient Overall Water Splitting. <i>Chemistry - an Asian Journal</i> , 2021, 16, 2511-2519.	3.3	6
32	Photoinduced Generation of Metastable Sulfur Vacancies Enhancing the Intrinsic Hydrogen Evolution Behavior of Semiconductors. <i>Solar Rrl</i> , 2021, 5, 2100580.	5.8	8
33	Atomically dispersed Ni on Mo <sub>2</sub> C embedded in N, P co-doped carbon derived from polyoxometalate supramolecule for high-efficiency hydrogen evolution electrocatalysis. <i>Applied Catalysis B: Environmental</i> , 2021, 296, 120336.	20.2	58
34	Anionic Tuning of Zeolite Crystallization. <i>CCS Chemistry</i> , 2021, 3, 189-198.	7.8	20
35	Multivariate Synergistic Flexible Metal-Organic Frameworks with Superproton Conductivity for Direct Methanol Fuel Cells. <i>Angewandte Chemie</i> , 2021, 133, 26781-26785.	2.0	4
36	Multivariate Synergistic Flexible Metal-Organic Frameworks with Superproton Conductivity for Direct Methanol Fuel Cells. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 26577-26581.	13.8	34

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37	Bi-functional Fe <sub>3</sub> O <sub>4</sub> /Au/CoFe-LDH Sandwich-Structured Electrocatalyst for Asymmetrical Electrolyzer with Low Operation Voltage. <i>Small</i> , 2021, 17, e2103307.	10.0	22
38	MoP supported on reduced graphene oxide for high performance electrochemical nitrogen reduction. <i>Dalton Transactions</i> , 2020, 49, 988-992.	3.3	20
39	Synthesis and properties of Mg <sup>2+</sup> and Sr <sup>2+</sup> coordination compounds based on in situ synthesized pyromellitdihydrazidate ligand. <i>Journal of Molecular Structure</i> , 2020, 1204, 127560.	3.6	3
40	Î <sup>2</sup> -FeOOH self-supporting electrode for efficient electrochemical anodic oxidation process. <i>Chemosphere</i> , 2020, 261, 127674.	8.2	15
41	Layered Inorganic Cationic Frameworks beyond Layered Double Hydroxides (LDHs): Structures and Applications. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 4055-4063.	2.0	13
42	Mesoporous Nanoarchitectures for Electrochemical Energy Conversion and Storage. <i>Advanced Materials</i> , 2020, 32, e2004654.	21.0	109
43	A Layered Cationic Aluminum Oxyhydroxide as a Highly Efficient and Selective Trap for Heavy Metal Oxyanions. <i>Angewandte Chemie</i> , 2020, 132, 19707-19712.	2.0	3
44	A Layered Cationic Aluminum Oxyhydroxide as a Highly Efficient and Selective Trap for Heavy Metal Oxyanions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19539-19544.	13.8	30
45	Rapid removal of Sr <sup>2+</sup> , Cs <sup>+</sup> and UO <sub>2</sub> <sup>2+</sup> from solution with surfactant and amino acid modified zeolite Y. <i>Microporous and Mesoporous Materials</i> , 2020, 302, 110244.	4.4	14
46	Synthesis and Post-Synthesis Transformation of Germanosilicate Zeolites. <i>Angewandte Chemie</i> , 2020, 132, 19548-19557.	2.0	4
47	Synthesis and Post-Synthesis Transformation of Germanosilicate Zeolites. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19380-19389.	13.8	48
48	Ligand substitution induced single-crystal-to-single-crystal transformations in two Ni(II) coordination compounds displaying consequential changes in proton conductivity. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 1880-1891.	6.0	27
49	Synthesis, structure and photocatalytic property of a novel Zn(II) coordination polymer based on in situ synthesized pyridine-3,4-dicarboxylhydrazidate ligand. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 233, 118232.	3.9	9
50	Highly efficient CoMoS heterostructure derived from vertically anchored Co <sub>5</sub> Mo <sub>10</sub> polyoxometalate for electrocatalytic overall water splitting. <i>Chemical Engineering Journal</i> , 2020, 394, 124849.	12.7	67
51	Removal of Zn <sup>2+</sup> , Pb <sup>2+</sup> , Cd <sup>2+</sup> , and Cu <sup>2+</sup> from aqueous solution by synthetic clinoptilolite. <i>Microporous and Mesoporous Materials</i> , 2019, 273, 203-211.	4.4	103
52	Pt/Al <sub>2</sub> O <sub>3</sub> with ultralow Pt-loading catalyze toluene oxidation: Promotional synergistic effect of Pt nanoparticles and Al <sub>2</sub> O <sub>3</sub> support. <i>Applied Catalysis B: Environmental</i> , 2019, 257, 117943.	20.2	101
53	Synthesis of Ni-Co Hydroxide Nanosheets Constructed Hollow Cubes for Electrochemical Glucose Determination. <i>Sensors</i> , 2019, 19, 2938.	3.8	31
54	Fabricating Mechanically Robust Binder-Free Structured Zeolites by 3D Printing Coupled with Zeolite Soldering: A Superior Configuration for CO <sub>2</sub> Capture. <i>Advanced Science</i> , 2019, 6, 1901317.	11.2	61

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55	Se-incorporated Cu-based sulfide nanoparticles for enhanced hydrogen evolution. AIP Conference Proceedings, 2019, , .	0.4	0
56	Emerging investigator series: significantly enhanced uptake of Eu <sup>3+</sup> on a nanoporous zeolitic mineral in the presence of UO <sub>2</sub> <sup>2+</sup> : insights into the impact of cation-cation interaction on the geochemical behavior of lanthanides and actinides. Environmental Science: Nano, 2019, 6, 736-746.	4.3	21
57	Condensed-matter chemistry: from materials to living organisms. National Science Review, 2019, 6, 191-194.	9.5	14
58	A chiral open-framework fluorinated cobalt phosphate consists of distorted F-encapsulated double 4-ring units with bulk homochirality. Chemical Communications, 2019, 55, 226-228.	4.1	9
59	Chiral zeolite beta: structure, synthesis, and application. Inorganic Chemistry Frontiers, 2019, 6, 1938-1951.	6.0	47
60	Stellerite-seeded facile synthesis of zeolite heulandite with exceptional aqueous Cd <sup>2+</sup> capture performance. Inorganic Chemistry Frontiers, 2019, 6, 1785-1792.	6.0	13
61	Polydopamine modified Au/FAU catalytic membrane for CO preferential oxidation. Chinese Journal of Chemical Engineering, 2019, 27, 2560-2565.	3.5	7
62	Collective excitation of plasmon-coupled Au-nanochain boosts photocatalytic hydrogen evolution of semiconductor. Nature Communications, 2019, 10, 4912.	12.8	157
63	Colloidal synthesis of high-performance FeSe/CoSe nanocomposites for electrochemical oxygen evolution reaction. Electrochimica Acta, 2019, 297, 197-205.	5.2	39
64	Synergism of Pt nanoparticles and iron oxide support for chemoselective hydrogenation of nitroarenes under mild conditions. Chinese Journal of Catalysis, 2019, 40, 214-222.	14.0	38
65	High performance proton-conducting composite based on vanadium-substituted Dawson-type heteropoly acid for proton exchange membranes. Composites Science and Technology, 2018, 162, 1-6.	7.8	40
66	A green route for the crystallization of a chiral polymorph A-enriched zeolite beta. Inorganic Chemistry Frontiers, 2018, 5, 802-805.	6.0	9
67	Unusual bulky solvent molecule encapsulation in the organic-amine-occupied 10-membered ring channels of aluminophosphate molecular sieve AlPO <sub>4</sub> -11. Inorganic Chemistry Communication, 2018, 88, 6-10.	3.9	2
68	Identification of the key factor promoting the enrichment of chiral polymorph A in zeolite beta and the synthesis of chiral polymorph A highly enriched zeolite beta. Inorganic Chemistry Frontiers, 2018, 5, 1640-1645.	6.0	12
69	Encapsulation of bulky solvent molecules into the channels of aluminophosphate molecular sieve and its negative influence on the thermal stability of open-framework. Inorganic Chemistry Communication, 2018, 91, 67-71.	3.9	3
70	Effect of degassing treatment on the deuterium permeability of Pd-Nb-Pd composite membranes during deuterium permeation. Separation and Purification Technology, 2018, 190, 136-142.	7.9	11
71	Effects of substituents on luminescent efficiency of stable triaryl methyl radicals. Physical Chemistry Chemical Physics, 2018, 20, 18657-18662.	2.8	43
72	An efficient synthetic route to accelerate zeolite synthesis <i>via</i> radicals. Inorganic Chemistry Frontiers, 2018, 5, 2106-2110.	6.0	33

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73	New 4-carboxylphthalhydrazidate-bridged Mn <sup>2+</sup> /In <sup>3+</sup> coordination polymers. <i>Journal of Molecular Structure</i> , 2017, 1134, 728-733.	3.6	8
74	Interlayer expanded lamellar CoSe <sub>2</sub> on carbon paper as highly efficient and stable overall water splitting electrodes. <i>Electrochimica Acta</i> , 2017, 241, 106-115.	5.2	48
75	Thermoresponsive Polyoxometalate/Ionic Liquid Supramolecular Gel Electrolytes for Supercapacitors: Fabrication, Structure, and Heteropolyanion Structure Effect. <i>Langmuir</i> , 2017, 33, 4242-4249.	3.5	31
76	Spatial separation of the hydrogen evolution center from semiconductors using a freestanding silica-sphere-supported Pt composite. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 24249-24254.	2.8	5
77	Structure-directing effect on synthesis of layered aluminophosphates with same topology. <i>Chemical Research in Chinese Universities</i> , 2017, 33, 513-519.	2.6	4
78	Influence of fluoride ions on the structure-directing effect of organic amine in the synthesis of aluminophosphate open-frameworks. <i>Chemical Research in Chinese Universities</i> , 2017, 33, 853-859.	2.6	3
79	Novel Luminescent Benzimidazole-Substituent Tris(2,4,6-trichlorophenyl)methyl Radicals: Photophysics, Stability, and Highly Efficient Red-Orange Electroluminescence. <i>Chemistry of Materials</i> , 2017, 29, 6733-6739.	6.7	58
80	New oxalate-propagated layered Mn <sup>2+</sup> /Fe <sup>2+</sup> -4,4'-sulfonyldipthalhydrazidate coordination polymers. <i>Journal of Molecular Structure</i> , 2017, 1127, 303-308.	3.6	10
81	The structure-directing effect of organic amines in the multi-template/one-structure phenomenon of microporous crystal synthesis. <i>Microporous and Mesoporous Materials</i> , 2017, 240, 178-188.	4.4	5
82	Phase Transition Behavior of Zeolite Y under Hydrothermal Conditions. <i>Acta Chimica Sinica</i> , 2017, 75, 679.	1.4	5
83	Fe <sub>3</sub> O <sub>4</sub> Nanoparticles Anchored on Carbon Serve the Dual Role of Catalyst and Magnetically Recoverable Entity in the Aerobic Oxidation of Alcohols. <i>ChemCatChem</i> , 2016, 8, 805-811.	3.7	49
84	An elaborate structure investigation of the chiral polymorph A-enriched zeolite beta. <i>CrystEngComm</i> , 2016, 18, 1782-1789.	2.6	19
85	Facile fabrication of thermal-control ionic liquid compound based on undecatungstophosphoindic polyoxometalate with fast ionic conductivity. <i>New Journal of Chemistry</i> , 2016, 40, 7923-7927.	2.8	5
86	PW9V3/rGO/SPEEK hybrid material: an excellent proton conductor. <i>RSC Advances</i> , 2016, 6, 84689-84693.	3.6	8
87	Temperature-dependence of the influence of the position-2-methyl group on the structure-directing effect of piperazine in the synthesis of open-framework aluminophosphates. <i>Scientific Reports</i> , 2016, 6, 22019.	3.3	4
88	Synthesis and high proton conductive performance of vanadium-substituted Dawson structure heteropoly acid H <sub>8</sub> P <sub>2</sub> W <sub>16</sub> V <sub>2</sub> O <sub>62</sub> ·20H <sub>2</sub> O. <i>Materials Letters</i> , 2016, 181, 1-3.	2.6	9
89	Temperature-dependent gel-type ionic liquid compounds based on vanadium-substituted polyoxometalates with Keggin structure. <i>Dalton Transactions</i> , 2016, 45, 3958-3963.	3.3	18
90	Co-templated synthesis of polymorph A-enriched zeolite beta. <i>Microporous and Mesoporous Materials</i> , 2016, 226, 19-24.	4.4	18

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91	Plasmonic Au nanoparticles embedding enhances the activity and stability of CdS for photocatalytic hydrogen evolution. <i>Chemical Communications</i> , 2016, 52, 2394-2397.	4.1	82
92	Accelerated crystallization of zeolites via hydroxyl free radicals. <i>Science</i> , 2016, 351, 1188-1191.	12.6	297
93	Reversible phase transformation gel-type ionic liquid compounds based on tungstovanadosilicates. <i>Journal of Alloys and Compounds</i> , 2016, 660, 17-22.	5.5	9
94	Role of the FeO <sub>x</sub> support in constructing high-performance Pt/FeO <sub>x</sub> catalysts for low-temperature CO oxidation. <i>Catalysis Science and Technology</i> , 2016, 6, 1546-1554.	4.1	31
95	Origin of the structure-directing effect resulting in identical topological open-framework materials. <i>Scientific Reports</i> , 2015, 5, 14940.	3.3	14
96	Proton-conductive membranes based on vanadium substituted heteropoly acids with Keggin structure and polymers. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	8
97	Highly-efficient cocatalyst-free H <sub>2</sub> -evolution over silica-supported CdS nanoparticle photocatalysts under visible light. <i>Chemical Communications</i> , 2015, 51, 10676-10679.	4.1	40
98	Thermoregulated polyoxometalate-based ionic-liquid gel electrolytes. <i>RSC Advances</i> , 2015, 5, 21973-21977.	3.6	19
99	Molecular engineering of microporous crystals: (VIII) The solvent-dependence of the structure-directing effect of ethylenediamine in the synthesis of open-framework aluminophosphates. <i>Microporous and Mesoporous Materials</i> , 2015, 208, 105-112.	4.4	13
100	Synthesis and characterization of novel azo-containing or azoxy-containing Schiff bases and their antiproliferative and cytotoxic activities. <i>Chemical Research in Chinese Universities</i> , 2015, 31, 60-64.	2.6	14
101	Au nanoparticle decorated N-containing polymer spheres: additive-free synthesis and remarkable catalytic behavior for reduction of 4-nitrophenol. <i>Journal of Materials Science</i> , 2015, 50, 1323-1332.	3.7	32
102	Influence of Al <sup>3+</sup> on polymorph A enrichment in the crystallization of beta zeolite. <i>Chinese Journal of Catalysis</i> , 2015, 36, 889-896.	14.0	11
103	A dual templating route to three-dimensionally ordered mesoporous carbon nanonetworks: tuning the mesopore type for electrochemical performance optimization. <i>Journal of Materials Chemistry A</i> , 2015, 3, 18867-18873.	10.3	31
104	NiCo-embedded in hierarchically structured N-doped carbon nanoplates for the efficient electrochemical determination of ascorbic acid, dopamine, and uric acid. <i>RSC Advances</i> , 2015, 5, 65532-65539.	3.6	21
105	Synthesis of chiral polymorph A-enriched zeolite Beta with an extremely concentrated fluoride route. <i>Scientific Reports</i> , 2015, 5, 11521.	3.3	43
106	Facile fabrication of self-assembly polyoxometalate-type hybrid material through supermolecular interactions. <i>Materials Letters</i> , 2015, 154, 156-159.	2.6	7
107	Heterostructures of Ag <sub>3</sub> PO <sub>4</sub> /TiO <sub>2</sub> mesoporous spheres with highly efficient visible light photocatalytic activity. <i>Journal of Colloid and Interface Science</i> , 2015, 450, 246-253.	9.4	55
108	Rational design of carbon support to prepare ultrafine iron oxide catalysts for air oxidation of alcohols. <i>Catalysis Science and Technology</i> , 2015, 5, 3097-3102.	4.1	36

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109	Preparation and conductivity of the Keggin-type trivanadium-substituted tungstosilicic acid $H_7SiW_9V_3O_{40} \cdot 9H_2O$ . <i>Materials Letters</i> , 2014, 115, 165-167.	2.6	19
110	The structure-directing effect of n-propylamine in the crystallization of open-framework aluminophosphates. <i>Science China Chemistry</i> , 2014, 57, 127-134.	8.2	10
111	Correlation between the microstructures of graphite oxides and their catalytic behaviors in air oxidation of benzyl alcohol. <i>Journal of Colloid and Interface Science</i> , 2014, 421, 71-77.	9.4	49
112	Syntheses and electrochemical properties of polyoxometalate salts with Dawson structure. <i>Russian Journal of Electrochemistry</i> , 2014, 50, 398-401.	0.9	8
113	Amino-functionalized magnetic mesoporous microspheres with good adsorption properties. <i>Materials Research Bulletin</i> , 2014, 49, 279-284.	5.2	52
114	The temperature-dependence of the structure-directing effect of 2-methylpiperazine in the synthesis of open-framework aluminophosphates. <i>RSC Advances</i> , 2014, 4, 39011-39019.	3.6	9
115	Reversible phase transformation-type electrolyte based on layered shape polyoxometalate. <i>Journal of Materials Chemistry A</i> , 2014, 2, 5780.	10.3	53
116	A reversible phase transformation monovanadium-substituted Keggin polyoxometalate-based ionic liquid. <i>Materials Letters</i> , 2014, 121, 159-161.	2.6	5
117	Reversible phase transformation-type electrolyte based on Dawson-type POM and simple quaternary ammonium salt. <i>Journal of Solid State Electrochemistry</i> , 2014, 18, 279-283.	2.5	2
118	The dependence of the structure-directing effect of piperazine and the crystallization pathways of open-framework aluminophosphates on the local environment of the initial mixture. <i>Microporous and Mesoporous Materials</i> , 2014, 183, 108-116.	4.4	18
119	Preparation and Electrochemical Performance of Tungstovanadophosphoric Heteropoly Acid and Its Hybrid Materials. <i>Journal of Physical Chemistry C</i> , 2013, 117, 3258-3263.	3.1	64
120	A chiral open-framework fluoroaluminophosphate with enantiomeric excess in the bulk product. <i>Chemical Communications</i> , 2013, 49, 11287.	4.1	6
121	Molecular engineering of microporous crystals: (VII) The molar ratio dependence of the structure-directing ability of piperazine in the crystallization of four aluminophosphates with open-frameworks. <i>Microporous and Mesoporous Materials</i> , 2013, 176, 112-122.	4.4	18
122	Proton conducting composite materials containing heteropoly acid and matrices. <i>Materials Chemistry and Physics</i> , 2013, 143, 355-359.	4.0	18
123	Effect of large pore size of multifunctional mesoporous microsphere on removal of heavy metal ions. <i>Journal of Hazardous Materials</i> , 2013, 254-255, 157-165.	12.4	128
124	Synthesis and conductivity of hybrid materials based on germanium-containing polyoxometalates and ionic liquids. <i>Journal of Coordination Chemistry</i> , 2013, 66, 379-384.	2.2	9
125	Synthesis, crystal structure and conductive performance of tungstovanadophosphoric heteropoly acid $H_4PW_{11}VO_{40} \cdot 8H_2O$ . <i>Journal of Alloys and Compounds</i> , 2012, 544, 37-41.	5.5	32
126	$[(C_4N_2H_{12})_3 \cdot H_2O][(Al_2P_3O_{12})_2]$ : A new anionic open-framework aluminophosphate with helical chains and multi-directional intersecting twelve-ring channels. <i>Inorganic Chemistry Communication</i> , 2012, 22, 167-169.	3.9	6



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127	Molecular engineering of microporous crystals: (VI) Structure-directing effect in the crystallization process of layered aluminophosphates. <i>Microporous and Mesoporous Materials</i> , 2012, 164, 56-66.	4.4	20
128	Molecular engineering of microporous crystals: (III) The influence of water content on the crystallization of microporous aluminophosphate AlPO <sub>4</sub> -11. <i>Microporous and Mesoporous Materials</i> , 2012, 147, 212-221.	4.4	47
129	Molecular engineering of microporous crystals: (V) Investigation of the structure-directing ability of piperazine in forming two layered aluminophosphates. <i>Microporous and Mesoporous Materials</i> , 2012, 155, 153-166.	4.4	18
130	(C <sub>4</sub> N <sub>2</sub> H <sub>12</sub> )(NH <sub>4</sub> ) <sub>2</sub> [(GeO <sub>2</sub> ) <sub>3</sub> (GeO <sub>1.5</sub> F <sub>3</sub> ) <sub>2</sub> ]: A new layered germanate containing helical arrays of H-bond. <i>Inorganic Chemistry Communication</i> , 2011, 14, 1842-1845.	3.9	8
131	Synthesis and conductivity of substituted heteropoly acid with Dawson structure H <sub>7</sub> [Ga(H <sub>2</sub> O)P <sub>2</sub> W <sub>17</sub> O <sub>61</sub> ]-18H <sub>2</sub> O. <i>Science Bulletin</i> , 2011, 56, 2327-2330.	1.7	7
132	Synthesis, characterization and properties of ruthenium-substituted polyoxometallic acid H <sub>6</sub> Ru(H <sub>2</sub> O)FeW <sub>11</sub> O <sub>39</sub> -18H <sub>2</sub> O with Keggin structure. <i>Science Bulletin</i> , 2011, 56, 2679-2682.	1.7	4
133	Molecular engineering of microporous crystals: (II) A new method to describe the structures of zeolites and related open-framework crystalline materials. <i>Microporous and Mesoporous Materials</i> , 2010, 131, 148-161.	4.4	11
134	Molecular engineering of microporous crystals: (I) New insight into the formation process of open-framework aluminophosphates. <i>Microporous and Mesoporous Materials</i> , 2009, 123, 50-62.	4.4	24
135	Morphology Changes of Transition-Metal-Substituted Aluminophosphate Molecular Sieve AlPO <sub>4</sub> -5 Crystals. <i>Chemistry of Materials</i> , 2008, 20, 2160-2164.	6.7	37
136	Cotemplating Ionothermal Synthesis of a New Open-Framework Aluminophosphate with Unique Al/P Ratio of 6/7. <i>Chemistry of Materials</i> , 2008, 20, 4179-4181.	6.7	94
137	Synthesis, Crystal Structure, and Solid-State NMR Spectroscopy of a New Open-Framework Aluminophosphate (NH <sub>4</sub> ) <sub>2</sub> Al <sub>4</sub> (PO <sub>4</sub> ) <sub>4</sub> (HPO <sub>4</sub> )-H <sub>2</sub> O. <i>Inorganic Chemistry</i> , 2005, 44, 4391-4397.	4.0	27
138	Synthesis and characterization of a new three-dimensional aluminophosphate [Al <sub>11</sub> P <sub>12</sub> O <sub>48</sub> ][C <sub>4</sub> H <sub>12</sub> N <sub>2</sub> ][C <sub>4</sub> H <sub>11</sub> N <sub>2</sub> ] with an Al/P ratio of 11/12. <i>Dalton Transactions RSC</i> , 2001, , 1809-1812.	2.3	26
139	An anionic framework aluminophosphate  (CH <sub>2</sub> ) <sub>6</sub> N <sub>4</sub> H <sub>3</sub> -H <sub>2</sub> O [Al <sub>11</sub> P <sub>12</sub> O <sub>48</sub> ] and computer simulation of the template positions. <i>Microporous and Mesoporous Materials</i> , 2001, 50, 151-158.	4.4	30
140	A novel open-framework aluminophosphate [AlP <sub>2</sub> O <sub>6</sub> (OH) <sub>2</sub> ][H <sub>3</sub> O] containing propeller-like chiral motifs. <i>Chemical Communications</i> , 2000, , 1431-1432.	4.1	37
141	[Al <sub>12</sub> P <sub>13</sub> O <sub>52</sub> ] <sub>3</sub> -[(CH <sub>2</sub> ) <sub>6</sub> N <sub>4</sub> H <sub>3</sub> ] <sub>3</sub> : An Anionic Aluminophosphate Molecular Sieve with Brønsted Acidity. <i>Chemistry of Materials</i> , 2000, 12, 2517-2519.	6.7	69
142	Structures and Templating Effect in the Formation of 2D Layered Aluminophosphates with Al <sub>3</sub> P <sub>4</sub> O <sub>16</sub> -Stoichiometry. <i>Chemistry of Materials</i> , 1999, 11, 2600-2606.	6.7	76
143	Anion-promoted increase of the SiO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> ratio of zeolites. <i>Inorganic Chemistry Frontiers</i> , 0, , .	6.0	6