

Yan Xu

List of Publications by Year in descending order

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126
papers

3,801
citations

109264

35
h-index

168321

53
g-index

130
all docs

130
docs citations

130
times ranked

4267
citing authors

#	ARTICLE	IF	CITATIONS
1	Morphology-controllable synthesis of hierarchical hollow GaFeO ₃ microcubes with selective triethylamine gas-sensing properties. <i>Ceramics International</i> , 2022, 48, 4554-4562.	2.3	7
2	Zero-Dimensional Luminescent Metal Halide Hybrids Enabling Bulk Transparent Medium as Large-Area X-Ray Scintillators. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	67
3	Oxygen sensitive electrospun nanofibers doped with rare earth complexes: Characterization and performance. <i>Optical Materials</i> , 2022, 125, 112099.	1.7	4
4	Improved stability of all-inorganic perovskite nanocrystals in hierarchical ZSM-5 zeolites for multimodal applications. <i>Chemical Engineering Journal</i> , 2022, 437, 135290.	6.6	19
5	Trap depth engineering in MgGa ₂ O ₄ : Bi ³⁺ for multicolor dynamic anti-counterfeiting, encryption and optical temperature sensing applications. <i>Chemical Engineering Journal</i> , 2022, 437, 135389.	6.6	43
6	Rational design of Ag nanoparticles on ZIF-67-functionalized carbon nanotube for enzymeless glucose detection and electrocatalytic water oxidation. <i>Journal of Alloys and Compounds</i> , 2022, 910, 164878.	2.8	12
7	Highly sensitive and selective triethylamine gas sensor based on hierarchical radial CeO ₂ /ZnO n-n heterojunction. <i>Sensors and Actuators B: Chemical</i> , 2022, 367, 132031.	4.0	24
8	Hydrogen bonding-mediated assembly of carbon dot@Zr-based metal organic framework as a multifunctional fluorescence sensor for chlortetracycline, pH and temperature detection. <i>New Journal of Chemistry</i> , 2022, 46, 13021-13029.	1.4	4
9	Test-strip and smartphone-assisted Eu-TCPE-based ratiometric fluorescence sensor for the ultrasensitive detection of tetracycline. <i>New Journal of Chemistry</i> , 2022, 46, 13129-13136.	1.4	4
10	Dual-emitting ZIF-8@f4-MU@Zn ₂ GeO ₄ :Mn ²⁺ nanocomposites for ratiometric luminescent thermometer and information encryption. <i>Dyes and Pigments</i> , 2022, 205, 110522.	2.0	2
11	Solvent-free synthesis of hierarchical Tb ³⁺ -doped Yttrium benzene-1,3,5-tricarboxylate metal organic framework nanosheets for fast and highly sensitive fluorescence detection of Fe ³⁺ and Cr ^{2O7} ions. , 2022, , .		0
12	Preparation of Zn ₂ GeO ₄ nanosheets with MIL-125(Ti) hybrid photocatalyst for improved photodegradation of organic pollutants. <i>Materials Research Bulletin</i> , 2021, 133, 111013.	2.7	10
13	A hierarchical hollow Ni/Co-functionalized MoS ₂ architecture with highly sensitive non-enzymatic glucose sensing activity. <i>Dalton Transactions</i> , 2021, 50, 10059-10066.	1.6	2
14	CdS/Ag ₂ S/g-C ₃ N ₄ ternary composites with superior photocatalytic performance for hydrogen evolution under visible light irradiation. <i>Dalton Transactions</i> , 2021, 50, 3253-3260.	1.6	16
15	Hierarchical hollow BiFeO ₃ microcubes with enhanced acetone gas sensing performance. <i>Dalton Transactions</i> , 2021, 50, 6702-6709.	1.6	22
16	Flocculent VS nanoparticle aggregate-modified NiCo ₂ S ₄ nanogras arrays for electrocatalytic water splitting. <i>Sustainable Energy and Fuels</i> , 2021, 5, 3858-3866.	2.5	8
17	Design optimization of CsPbBr ₃ nanocrystals into zeolite Beta composites as ultra-stable green emitters for backlight display applications. <i>Journal of Materials Chemistry C</i> , 2021, 9, 12118-12123.	2.7	22
18	Nanosized CuO encapsulated Ni/Co bimetal Prussian blue with high anti-interference and stability for electrochemical non-enzymatic glucose detection. <i>Dalton Transactions</i> , 2021, 50, 13748-13755.	1.6	12

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19	Selective adsorption of malachite green (MG) and fuchsin acid (FA) by ZIF-67 hybridized polyvinylidene fluoride (PVDF) membranes. Dalton Transactions, 2021, 50, 8927-8937.	1.6	19
20	L-lysine-assisted hydrothermal synthesis of $\text{I}^2\text{-NaGdF}_4\text{:Eu}^{3+}$ microcrystals: Morphology evolution, luminescence and magnetic properties. Surfaces and Interfaces, 2021, 22, 100851.	1.5	0
21	Dual-emissive Eu^{3+} , Tb^{3+} co-doped $\text{Gd}_2(\text{MoO}_4)_3$ phosphor for optical thermometry application. Journal of Physics and Chemistry of Solids, 2021, 153, 110032.	1.9	17
22	Synergistic adsorption and photocatalytic degradation of persist synthetic dyes by capsule-like porphyrin-based MOFs. Nanotechnology, 2021, 32, 465705.	1.3	9
23	Cu-bearing high-entropy alloys with excellent antiviral properties. Journal of Materials Science and Technology, 2021, 84, 59-64.	5.6	22
24	Marine Biofilms with Significant Corrosion Inhibition Performance by Secreting Extracellular Polymeric Substances. ACS Applied Materials & Interfaces, 2021, 13, 47272-47282.	4.0	47
25	Hierarchical kiwifruit-like $\text{ZnO/ZnFe}_2\text{O}_4$ heterostructure for high-sensitive triethylamine gaseous sensor. Sensors and Actuators B: Chemical, 2021, 344, 130251.	4.0	36
26	Hierarchical spinel-type corn-like MCo_2O_4 (M = Ni, Co) architectures for selective triethylamine gas sensors. Materials Science in Semiconductor Processing, 2021, 133, 105993.	1.9	9
27	Rational design of direct Z-scheme heterostructure NiCoP/ZIS for highly efficient photocatalytic hydrogen evolution under visible light irradiation. Separation and Purification Technology, 2021, 275, 119153.	3.9	22
28	Two-step <i>in situ</i> synthesis of CsPbX_3 @TS-1 zeolite (X = Cl, Br, I) nanocomposites for optical thermometric, latent fingerprints and anti-counterfeiting applications. Materials Chemistry Frontiers, 2021, 5, 7843-7851.	3.2	11
29	Fabrication of polyaniline-supported bimetal AgNi nanoparticles and the enhanced performance towards formate oxidation. Journal of Solid State Electrochemistry, 2021, 25, 1197-1205.	1.2	6
30	Quaternary Ammonium-Mediated Delamination of Europium-Based Metal-Organic Framework into Ultrathin Nanosheets for the Selective Photoelectrochemical Sensing of Fe^{3+} . Inorganic Chemistry, 2021, 60, 19044-19052.	1.9	12
31	Fast synthesis of SSZ-13 zeolite by steam-assisted crystallization method. Microporous and Mesoporous Materials, 2020, 293, 109789.	2.2	14
32	Aminated metal-organic framework (NH_2 -MIL-101(Cr)) incorporated polyvinylidene (PVDF) hybrid membranes: Synthesis and application in efficient removal of Congo red from aqueous solution. Applied Organometallic Chemistry, 2020, 34, e5281.	1.7	28
33	Dual-Emissive CsPbBr_3 @Eu-BTC Composite for Self-Calibrating Temperature Sensing Application. Crystal Growth and Design, 2020, 20, 454-459.	1.4	70
34	Highly safe and ionothermal synthesis of Ti_3C_2 MXene with expanded interlayer spacing for enhanced lithium storage. Journal of Energy Chemistry, 2020, 47, 203-209.	7.1	91
35	Yolk-shell $(\text{Cu,Zn})\text{Fe}_2\text{O}_4$ ferrite nano-microspheres with highly selective triethylamine gas-sensing properties. Dalton Transactions, 2020, 49, 14475-14482.	1.6	18
36	Ionothermal synthesis of a photochromic inorganic-organic complex for colorimetric and portable UV index indication and UVB detection. RSC Advances, 2020, 10, 41720-41726.	1.7	14

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37	Photocatalytic active silver organic framework: Ag(I)-MOF and its hybrids with silver cyanamide. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5972.	1.7	10
38	Coumarin 7 functionalized europium-based metal-organic-framework luminescent composites for dual-mode optical thermometry. <i>Journal of Materials Chemistry C</i> , 2020, 8, 13328-13335.	2.7	39
39	Synergetic Effect of Tetraethylammonium Bromide Addition on the Morphology Evolution and Enhanced Photoluminescence of Rare-Earth Metal-Organic Frameworks. <i>Inorganic Chemistry</i> , 2020, 59, 14318-14325.	1.9	24
40	Lipase immobilization on UiO-66/poly(vinylidene fluoride) hybrid membranes and active catalysis in the vegetable oil hydrolysis. <i>New Journal of Chemistry</i> , 2020, 44, 14379-14388.	1.4	12
41	Ratiometric fluorescence determination of hydrogen peroxide using carbon dot-embedded Ag@EuWO ₄ (OH) nanocomposites. <i>Mikrochimica Acta</i> , 2020, 187, 369.	2.5	9
42	Facile synthesis of accordion-like Y ₂ O ₃ :Er ³⁺ nanothermometers for ratiometric temperature sensing applications. <i>Journal of Luminescence</i> , 2020, 223, 117207.	1.5	12
43	Ag ₂ CO ₃ -derived Ag/g-C ₃ N ₄ composite with enhanced visible-light photocatalytic activity for hydrogen production from water splitting. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 20851-20858.	3.8	15
44	A facile synthesis of a ZIF-derived ZnS/ZnIn ₂ S ₄ heterojunction and enhanced photocatalytic hydrogen evolution. <i>Dalton Transactions</i> , 2020, 49, 10816-10823.	1.6	28
45	Morphology controlled synthesis of Ba ₄ Bi ₃ F ₁₇ :Er ³⁺ , Yb ³⁺ and the dual-functional temperature sensing and optical heating applications. <i>Journal of Alloys and Compounds</i> , 2020, 844, 156116.	2.8	24
46	Construction of an Aminated MIL-53(Al)-Functionalized Carbon Nanotube for the Efficient Removal of Bisphenol AF and Metribuzin. <i>Inorganic Chemistry</i> , 2020, 59, 2667-2679.	1.9	32
47	Hierarchical Fe ₃ O ₄ microcubes supported on Ni foam as non-enzymatic glucose sensor. <i>Applied Surface Science</i> , 2020, 512, 145710.	3.1	33
48	Dual cocatalysts decorated three dimensionally ordered mesoporous g-C ₃ N ₄ with homogeneous wall thickness for enhanced photocatalytic performance. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5552.	1.7	6
49	Perovskite Multiple Quantum Wells on Layered Materials toward Narrow-Band Green Emission for Backlight Display Applications. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 27386-27393.	4.0	14
50	A microcube-like hierarchical heterostructure of Fe ₃ O ₄ @MoO ₃ for trimethylamine sensing. <i>Dalton Transactions</i> , 2020, 49, 8114-8121.	1.6	20
51	Dopant concentration-dependent morphological evolution of Zn ₂ GeO ₄ :Mn ²⁺ /Eu ³⁺ phosphor and optical temperature sensing performance. <i>Journal of Alloys and Compounds</i> , 2019, 770, 149-157.	2.8	36
52	Optimizing electronic structure and charge transport of sulfur/potassium co-doped graphitic carbon nitride with efficient photocatalytic hydrogen evolution performance. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5163.	1.7	16
53	Hierarchical Zn _{1-x} Cd _x S microclusters with superior visible-light-driven photocatalytic hydrogen generation performance. <i>Journal of Alloys and Compounds</i> , 2019, 809, 151869.	2.8	21
54	In-situ solid-phase fabrication of Ag/AgX (X=Cl, Br, I)/g-C ₃ N ₄ composites for enhanced visible-light hydrogen evolution. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 21397-21405.	3.8	29

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55	Fabrication of NH ₂ -MIL-125(Ti) incorporated TiO ₂ nanotube arrays composite anodes for highly efficient PEC water splitting. Separation and Purification Technology, 2019, 228, 115764.	3.9	48
56	Nickel Ammine Complex-derived NiO Modified g-C ₃ N ₄ Composites with Enhanced Visible-light Photocatalytic H ₂ Evolution Performance. ChemistrySelect, 2019, 4, 8095-8103.	0.7	5
57	Nickel Nanoparticles Encapsulated in Microporous Graphenelike Carbon (Ni@MGC) as Catalysts for CO ₂ Methanation. Industrial & Engineering Chemistry Research, 2019, 58, 20536-20542.	1.8	15
58	Efficient and selective removal of congo red by mesoporous amino-modified MIL-101(Cr) nanoadsorbents. Powder Technology, 2019, 356, 162-169.	2.1	44
59	Enhanced selective acetone-sensing performance of hierarchical hollow SnO ₂ /Fe ₂ O ₃ microcubes. Journal of Materials Chemistry C, 2019, 7, 11984-11990.	2.7	30
60	Hierarchical Accordion-like Lanthanide-Based Metal-Organic Frameworks: Solvent-Free Syntheses and Ratiometric Luminescence Temperature-Sensing Properties. Crystal Growth and Design, 2019, 19, 6586-6591.	1.4	48
61	Effects of solvent-induced morphology evolution of Zn ₂ GeO ₄ on photocatalytic activities of g-C ₃ N ₄ /Zn ₂ GeO ₄ composites. Journal of the American Ceramic Society, 2019, 102, 6517-6528.	1.9	6
62	Enhanced up-conversion luminescence and optical temperature sensing in graphitic C ₃ N ₄ quantum dots grafted with BaWO ₄ :Yb ³⁺ ,Er ³⁺ phosphors. Journal of Materials Chemistry C, 2019, 7, 6112-6119.	2.7	78
63	Nonenzymatic electrochemical glucose biosensor constructed by NiCo ₂ O ₄ @Ppy nanowires on nickel foam substrate. Sensors and Actuators B: Chemical, 2019, 292, 121-128.	4.0	60
64	Surface functionalization of MIL-101(Cr) by aminated mesoporous silica and improved adsorption selectivity toward special metal ions. Dalton Transactions, 2019, 48, 5384-5396.	1.6	33
65	Synergetic effect of Fe ₂ O ₃ and BiVO ₄ as photocatalyst nanocomposites for improved photo-Fenton catalytic activity. Journal of Materials Science, 2019, 54, 8236-8246.	1.7	22
66	How to fit a response current-concentration curve? A semi-empirical investigation of non-enzymatic glucose sensor based on PANI-modified nickel foam. Journal of Electroanalytical Chemistry, 2019, 840, 384-390.	1.9	8
67	Polyethyleneimine (PEI) incorporated Cu-BTC composites: Extended applications in ultra-high efficient removal of congo red. Journal of Solid State Chemistry, 2019, 270, 231-241.	1.4	74
68	A new MOFs/polymer hybrid membrane: MIL-68(Al)/PVDF, fabrication and application in high-efficient removal of p-nitrophenol and methylene blue. Separation and Purification Technology, 2019, 215, 217-226.	3.9	95
69	Hierarchical magnetic BiFeO ₃ microcages: Controlling synthesis and visible-light photocatalytic activity. Ceramics International, 2019, 45, 1554-1561.	2.3	18
70	Fabrication of AgI/MIL-53(Fe) Composites with Enhanced Photocatalytic Activity for Rhodamine B Degradation under Visible Light Irradiation. Applied Organometallic Chemistry, 2018, 32, e4325.	1.7	20
71	A carbon dot-encapsulated UiO-type metal organic framework as a multifunctional fluorescent sensor for temperature, metal ion and pH detection. Journal of Materials Chemistry C, 2018, 6, 4396-4399.	2.7	102
72	A facile strategy for fabricating AgI-MIL-53(Fe) composites: superior interfacial contact and enhanced visible light photocatalytic performance. New Journal of Chemistry, 2018, 42, 3799-3807.	1.4	44

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73	Encapsulation of CH ₃ NH ₃ PbBr ₃ Perovskite Quantum Dots in MOF-5 Microcrystals as a Stable Platform for Temperature and Aqueous Heavy Metal Ion Detection. <i>Inorganic Chemistry</i> , 2018, 57, 4613-4619.	1.9	196
74	Fabrication of ternary polyaniline-graphene oxide-TiO ₂ hybrid films with enhanced activity for photoelectrocatalytic hydrogen production. <i>Separation and Purification Technology</i> , 2018, 193, 358-367.	3.9	21
75	Preparation and dual sensing property of Zn ₂ GeO ₄ :Mn ²⁺ @ZIF-8 heterostructure chemosensor. <i>Materials Letters</i> , 2018, 210, 235-238.	1.3	7
76	An improved carbothermal process for the synthesis of fine-grained boron carbide microparticles and their photoelectrocatalytic activity. <i>Ceramics International</i> , 2018, 44, 1052-1058.	2.3	15
77	Eu ³⁺ /Tb ³⁺ functionalized Bi-based metal-organic frameworks toward tunable white-light emission and fluorescence sensing applications. <i>Dalton Transactions</i> , 2018, 47, 16696-16703.	1.6	55
78	Controlled Synthesis of Porous Hierarchical ZnFe ₂ O ₄ Micro-/Nanostructures with Multifunctional Photocatalytic Performance. <i>Inorganic Chemistry</i> , 2018, 57, 15481-15488.	1.9	28
79	Fabrication of noble-metal-free g-C ₃ N ₄ @MIL-53(Fe) composite for enhanced photocatalytic H ₂ -generation performance. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4597.	1.7	49
80	Immobilization of cellulase proteins on zeolitic imidazolate framework (ZIF-8)/polyvinylidene fluoride hybrid membranes. <i>New Journal of Chemistry</i> , 2018, 42, 17429-17438.	1.4	20
81	Electrodeposition of hydroxyapatite on nickel foam and further modification with conductive polyaniline for non-enzymatic glucose sensing. <i>Electrochimica Acta</i> , 2018, 280, 315-322.	2.6	32
82	Synergistic weak/strong coupling luminescence in Eu-metal-organic framework/Zn ₂ GeO ₄ :Mn ²⁺ nanocomposites for ratiometric luminescence thermometer. <i>Dyes and Pigments</i> , 2018, 157, 321-327.	2.0	35
83	Controlled synthesis of Bi ₂ O ₃ /BiOBr/Zn ₂ GeO ₄ heterojunction photocatalysts with enhanced photocatalytic activity. <i>Journal of the American Ceramic Society</i> , 2018, 101, 5858-5869.	1.9	19
84	Ag ₃ PO ₄ @MIL-53(Fe) Composites with Visible-Light-Enhanced Photocatalytic Activities for Rhodamine B Degradation. <i>ChemistrySelect</i> , 2018, 3, 8045-8050.	0.7	16
85	Hierarchical spinel Ni Co ₁ -Fe ₂ O ₄ microcubes derived from Fe-based MOF for high-sensitive acetone sensor. <i>Ceramics International</i> , 2018, 44, 19390-19396.	2.3	25
86	BiOBr-assisted hydrothermal synthesis of hierarchical Bi ₄ (GeO ₄) ₃ /Zn ₂ GeO ₄ microspheres for optical sensor application. <i>Journal of Materials Chemistry C</i> , 2018, 6, 9778-9785.	2.7	17
87	Immobilization of lysozyme proteins on a hierarchical zeolitic imidazolate framework (ZIF-8). <i>Dalton Transactions</i> , 2017, 46, 2114-2121.	1.6	68
88	Improvement of Methane Framework Interaction by Controlling Pore Size and Functionality of Pillared MOFs. <i>Inorganic Chemistry</i> , 2017, 56, 2581-2588.	1.9	59
89	Ag nanoparticle-functionalized ZnO micro-flowers for enhanced photodegradation of herbicide derivatives. <i>Chemical Physics Letters</i> , 2017, 679, 119-126.	1.2	34
90	Synthesis, characterization, and photocatalytic degradation properties of ZnO/ZnFe ₂ O ₄ magnetic heterostructures. <i>New Journal of Chemistry</i> , 2017, 41, 15433-15438.	1.4	36

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91	Fabrication of polyaniline sensitized grey-TiO ₂ nanocomposites and enhanced photocatalytic activity. Separation and Purification Technology, 2017, 184, 248-256.	3.9	29
92	Synthesizing a MOF-Based "Ship of Theseus." Sequential Building-Block Replacement for Complete Reformulation of a Pillared-Paddlewheel Metal-Organic Framework. European Journal of Inorganic Chemistry, 2016, 2016, 4345-4348.	1.0	21
93	Surface functionalization of zirconium dioxide nano-adsorbents with 3-aminopropyl triethoxysilane and promoted adsorption activity for bovine serum albumin. Materials Chemistry and Physics, 2016, 176, 129-135.	2.0	15
94	Rapid magnetic solid-phase extraction of Congo Red and Basic Red 2 from aqueous solution by ZIF-8@CoFe ₂ O ₄ hybrid composites. Journal of Separation Science, 2016, 39, 3647-3654.	1.3	27
95	Fabrication of organic-inorganic hybrid membranes composed of poly(vinylidene fluoride) and silver cyanamide and their high photocatalytic activity under visible light irradiation. RSC Advances, 2016, 6, 61920-61926.	1.7	16
96	Combining solvent-assisted linker exchange and transmetallation strategies to obtain a new non-catenated nickel (II) pillared-paddlewheel MOF. Inorganic Chemistry Communication, 2016, 67, 60-63.	1.8	13
97	Adsorption behavior of methylene blue on Fe ₃ O ₄ -embedded hybrid magnetic metal-organic framework. Desalination and Water Treatment, 2016, 57, 25216-25225.	1.0	27
98	Simple synthesis of ZnO nanoflowers and its photocatalytic performances toward the photodegradation of metamitron. Materials Research Bulletin, 2016, 76, 235-239.	2.7	47
99	Fabrication of PVDF membranes entrapped with oleic acid modified TiO ₂ and selective adsorption toward bovine hemoglobin. RSC Advances, 2015, 5, 48607-48614.	1.7	7
100	Adsorption behavior of Rhodamine B on nanoporous polymers. RSC Advances, 2015, 5, 104915-104922.	1.7	51
101	Fabrication of hybrid magnetic HKUST-1 and its highly efficient adsorption performance for Congo red dye. RSC Advances, 2015, 5, 19199-19202.	1.7	46
102	Fabrication of nanocomposites composed of silver cyanamide and titania for improved photocatalytic hydrogen generation. Dalton Transactions, 2015, 44, 19948-19955.	1.6	25
103	Magnetization of a Cu(II)-1,3,5-benzenetricarboxylate metal-organic framework for efficient solid-phase extraction of Congo Red. Mikrochimica Acta, 2015, 182, 2313-2320.	2.5	38
104	Synthesis and structural characterization of three 3-D aluminogermanates with different topologies. CrystEngComm, 2014, 16, 5103-5109.	1.3	3
105	Microwave-assisted synthesis of a thermally stable Zn-containing aluminophosphate with ERI-zeotype structure templated by diquatery ammonium. RSC Advances, 2014, 4, 49846-49849.	1.7	4
106	A family of germanates constructed from Ge ₇ clusters co-templated by metal complexes and organic/inorganic species. CrystEngComm, 2014, 16, 9545-9554.	1.3	5
107	Germanate with Three-Dimensional 12 Å × 12 Å × 11-Ring Channels Solved by X-ray Powder Diffraction with Charge-Flipping Algorithm. Inorganic Chemistry, 2013, 52, 10238-10244.	1.9	9
108	A Gallogermanate Zeolite with Eleven-Membered Ring Channels. Angewandte Chemie - International Edition, 2013, 52, 5501-5503.	7.2	40

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109	Distribution of trivalent metal cations in aluminogallogermanate zeolites with JST topology. Dalton Transactions, 2012, 41, 12170.	1.6	6
110	Microchip-based cellular biochemical systems for practical applications and fundamental research: from microfluidics to nanofluidics. Analytical and Bioanalytical Chemistry, 2012, 402, 99-107.	1.9	41
111	Low-temperature direct bonding of glass nanofluidic chips using a two-step plasma surface activation process. Analytical and Bioanalytical Chemistry, 2012, 402, 1011-1018.	1.9	80
112	Investigation of Extra-Large Pore Zeolite Synthesis by a High-Throughput Approach. Chemistry of Materials, 2011, 23, 4709-4715.	3.2	53
113	(C ₄ N ₂ H ₁₂)(NH ₄) ₂ [(GeO ₂) ₃ (GeO _{1.5} F ₃) ₂]: A new layered germanate containing helical arrays of H-bond. Inorganic Chemistry Communication, 2011, 14, 1842-1845.	1.8	8
114	Phospholipid Polymer Biointerfaces for Lab-on-a-Chip Devices. Annals of Biomedical Engineering, 2010, 38, 1938-1953.	1.3	42
115	A Microfluidic Hydrogel Capable of Cell Preservation without Perfusion Culture under Cell-Based Assay Conditions. Advanced Materials, 2010, 22, 3017-3021.	11.1	51
116	Cell-Compatible Hydrogels: A Microfluidic Hydrogel Capable of Cell Preservation without Perfusion Culture under Cell-Based Assay Conditions (Adv. Mater. 28/2010). Advanced Materials, 2010, 22, n/a-n/a.	11.1	0
117	The biological performance of cell-containing phospholipid polymer hydrogels in bulk and microscale form. Biomaterials, 2010, 31, 8839-8846.	5.7	26
118	Protein adsorption and cell adhesion on cationic, neutral, and anionic 2-methacryloyloxyethyl phosphorylcholine copolymer surfaces. Biomaterials, 2009, 30, 4930-4938.	5.7	141
119	Suppression of Protein Adsorption on a Charged Phospholipid Polymer Interface. Biomacromolecules, 2009, 10, 267-274.	2.6	44
120	Microfluidic flow control on charged phospholipidpolymer interface. Lab on A Chip, 2007, 7, 199-206.	3.1	64
121	Synthesis and Structure of an Unprecedented Layered Vanadate Complex Containing Double-Helical Chains: [CoIII(phen) ₂ 2V ₈ O ₂₃]. European Journal of Inorganic Chemistry, 2004, 2004, 1385-1388.	1.0	45
122	[Ge ₉ O ₁₄ (OH) ₁₂](C ₆ N ₂ H ₁₆) ₂ ·½H ₂ O: A Novel Germanate with Ge ^{IV} O Helical Chains Formed by Hydrothermal Synthesis that Can Separate trans and cis Isomers in Situ. European Journal of Inorganic Chemistry, 2004, 2004, 4547-4549.	1.0	9
123	The Hydrothermal Synthesis and Crystal Structure of (H ₂ O)[Ge ₅ O ₁₀] and [(CH ₃) ₄ N][Ge ₁₀ O ₂₀ OH], Two Novel Porous Germanates. Chemistry Letters, 2004, 33, 74-75.	0.7	17
124	A Large 24-Membered-Ring Germanate Zeolite-Type Open-Framework Structure with Three-Dimensional Intersecting Channels. Angewandte Chemie - International Edition, 2001, 40, 2166-2168.	7.2	152
125	Copper and iron mediated growth of surfactant-free PtCu and PtFe advanced electrocatalysts for water oxidation and oxygen reduction. Electrochemical Science Advances, 0, , e2100033.	1.2	1
126	Preparation of ZIF-8 nanoparticle-decorated Zn ₂ GeO ₄ nanorods with high photocatalytic performance for chromium (VI) reduction. , 0, 106, 200-208.		3