

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	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
2	A Large 24-Membered-Ring Germanate Zeolite-Type Open-Framework Structure with Three-Dimensional Intersecting Channels. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2166-2168.	7.2	152
3	Protein adsorption and cell adhesion on cationic, neutral, and anionic 2-methacryloyloxyethyl phosphorylcholine copolymer surfaces. <i>Biomaterials</i> , 2009, 30, 4930-4938.	5.7	141
4	A carbon dot-encapsulated UiO-type metal organic framework as a multifunctional fluorescent sensor for temperature, metal ion and pH detection. <i>Journal of Materials Chemistry C</i> , 2018, 6, 4396-4399.	2.7	102
5	A new MOFs/polymer hybrid membrane: MIL-68(Al)/PVDF, fabrication and application in high-efficient removal of p-nitrophenol and methylene blue. <i>Separation and Purification Technology</i> , 2019, 215, 217-226.	3.9	95
6	Highly safe and ionothermal synthesis of Ti ₃ C ₂ MXene with expanded interlayer spacing for enhanced lithium storage. <i>Journal of Energy Chemistry</i> , 2020, 47, 203-209.	7.1	91
7	Low-temperature direct bonding of glass nanofluidic chips using a two-step plasma surface activation process. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 1011-1018.	1.9	80
8	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. <i>Journal of Materials Chemistry C</i> , 2019, 7, 6112-6119.	2.7	78
9	Polyethyleneimine (PEI) incorporated Cu-BTC composites: Extended applications in ultra-high efficient removal of congo red. <i>Journal of Solid State Chemistry</i> , 2019, 270, 231-241.	1.4	74
10	Dual-Emissive CsPbBr ₃ @Eu-BTC Composite for Self-Calibrating Temperature Sensing Application. <i>Crystal Growth and Design</i> , 2020, 20, 454-459.	1.4	70
11	Immobilization of lysozyme proteins on a hierarchical zeolitic imidazolate framework (ZIF-8). <i>Dalton Transactions</i> , 2017, 46, 2114-2121.	1.6	68
12	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
13	Microfluidic flow control on charged phospholipid/polymer interface. <i>Lab on a Chip</i> , 2007, 7, 199-206.	3.1	64
14	Nonenzymatic electrochemical glucose biosensor constructed by NiCo ₂ O ₄ @Ppy nanowires on nickel foam substrate. <i>Sensors and Actuators B: Chemical</i> , 2019, 292, 121-128.	4.0	60
15	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
16	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
17	Investigation of Extra-Large Pore Zeolite Synthesis by a High-Throughput Approach. <i>Chemistry of Materials</i> , 2011, 23, 4709-4715.	3.2	53
18	A Microfluidic Hydrogel Capable of Cell Preservation without Perfusion Culture under Cell-Based Assay Conditions. <i>Advanced Materials</i> , 2010, 22, 3017-3021.	11.1	51

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19	Adsorption behavior of Rhodamine B on nanoporous polymers. <i>RSC Advances</i> , 2015, 5, 104915-104922.	1.7	51
20	Fabrication of noble metal-free $\text{g-C}_3\text{N}_4$ -MIL-53(Fe) composite for enhanced photocatalytic H_2 generation performance. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4597.	1.7	49
21	Fabrication of NH_2 -MIL-125(Ti) incorporated TiO_2 nanotube arrays composite anodes for highly efficient PEC water splitting. <i>Separation and Purification Technology</i> , 2019, 228, 115764.	3.9	48
22	Hierarchical Accordion-like Lanthanide-Based Metal-Organic Frameworks: Solvent-Free Syntheses and Ratiometric Luminescence Temperature-Sensing Properties. <i>Crystal Growth and Design</i> , 2019, 19, 6586-6591.	1.4	48
23	Simple synthesis of ZnO nanoflowers and its photocatalytic performances toward the photodegradation of metamitron. <i>Materials Research Bulletin</i> , 2016, 76, 235-239.	2.7	47
24	Marine Biofilms with Significant Corrosion Inhibition Performance by Secreting Extracellular Polymeric Substances. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 47272-47282.	4.0	47
25	Fabrication of hybrid magnetic HKUST-1 and its highly efficient adsorption performance for Congo red dye. <i>RSC Advances</i> , 2015, 5, 19199-19202.	1.7	46
26	Synthesis and Structure of an Unprecedented Layered Vanadate Complex Containing Double-Helical Chains: $[\{\text{CoIII}(\text{phen})_2\}_2\text{V}_8\text{O}_{23}]$. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 1385-1388.	1.0	45
27	Suppression of Protein Adsorption on a Charged Phospholipid Polymer Interface. <i>Biomacromolecules</i> , 2009, 10, 267-274.	2.6	44
28	A facile strategy for fabricating Ag-MIL-53(Fe) composites: superior interfacial contact and enhanced visible light photocatalytic performance. <i>New Journal of Chemistry</i> , 2018, 42, 3799-3807.	1.4	44
29	Efficient and selective removal of congo red by mesoporous amino-modified MIL-101(Cr) nanoadsorbents. <i>Powder Technology</i> , 2019, 356, 162-169.	2.1	44
30	Trap depth engineering in MgGa_2O_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
31	Phospholipid Polymer Biointerfaces for Lab-on-a-Chip Devices. <i>Annals of Biomedical Engineering</i> , 2010, 38, 1938-1953.	1.3	42
32	Microchip-based cellular biochemical systems for practical applications and fundamental research: from microfluidics to nanofluidics. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 402, 99-107.	1.9	41
33	A Gallogermanate Zeolite with Eleven-Membered Ring Channels. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 5501-5503.	7.2	40
34	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
35	Magnetization of a Cu(II) -1,3,5-benzenetricarboxylate metal-organic framework for efficient solid-phase extraction of Congo Red. <i>Mikrochimica Acta</i> , 2015, 182, 2313-2320.	2.5	38
36	Synthesis, characterization, and photocatalytic degradation properties of $\text{ZnO/ZnFe}_2\text{O}_4$ magnetic heterostructures. <i>New Journal of Chemistry</i> , 2017, 41, 15433-15438.	1.4	36

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37	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
38	Hierarchical kiwifruit-like ZnO/ZnFe ₂ O ₄ heterostructure for high-sensitive triethylamine gaseous sensor. <i>Sensors and Actuators B: Chemical</i> , 2021, 344, 130251.	4.0	36
39	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
40	Ag nanoparticle-functionalized ZnO micro-flowers for enhanced photodegradation of herbicide derivatives. <i>Chemical Physics Letters</i> , 2017, 679, 119-126.	1.2	34
41	Surface functionalization of MIL-101(Cr) by aminated mesoporous silica and improved adsorption selectivity toward special metal ions. <i>Dalton Transactions</i> , 2019, 48, 5384-5396.	1.6	33
42	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
43	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
44	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
45	Enhanced selective acetone-sensing performance of hierarchical hollow SnO ₂ /Fe ₃ O ₄ microcubes. <i>Journal of Materials Chemistry C</i> , 2019, 7, 11984-11990.	2.7	30
46	Fabrication of polyaniline sensitized grey-TiO ₂ nanocomposites and enhanced photocatalytic activity. <i>Separation and Purification Technology</i> , 2017, 184, 248-256.	3.9	29
47	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
48	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
49	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. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5281.	1.7	28
50	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
51	Rapid magnetic solid-phase extraction of Congo Red and Basic Red 2 from aqueous solution by ZIF-8@CoFe ₂ O ₄ hybrid composites. <i>Journal of Separation Science</i> , 2016, 39, 3647-3654.	1.3	27
52	Adsorption behavior of methylene blue on Fe ₃ O ₄ -embedded hybrid magnetic metal-organic framework. <i>Desalination and Water Treatment</i> , 2016, 57, 25216-25225.	1.0	27
53	The biological performance of cell-containing phospholipid polymer hydrogels in bulk and microscale form. <i>Biomaterials</i> , 2010, 31, 8839-8846.	5.7	26
54	Fabrication of nanocomposites composed of silver cyanamide and titania for improved photocatalytic hydrogen generation. <i>Dalton Transactions</i> , 2015, 44, 19948-19955.	1.6	25

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55	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
56	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
57	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
58	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
59	Synergetic effect of Fe ₂ O ₃ and BiVO ₄ as photocatalyst nanocomposites for improved photo-Fenton catalytic activity. <i>Journal of Materials Science</i> , 2019, 54, 8236-8246.	1.7	22
60	Hierarchical hollow BiFeO ₃ microcubes with enhanced acetone gas sensing performance. <i>Dalton Transactions</i> , 2021, 50, 6702-6709.	1.6	22
61	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
62	Cu-bearing high-entropy alloys with excellent antiviral properties. <i>Journal of Materials Science and Technology</i> , 2021, 84, 59-64.	5.6	22
63	Rational design of direct Z-scheme heterostructure NiCoP/ZIS for highly efficient photocatalytic hydrogen evolution under visible light irradiation. <i>Separation and Purification Technology</i> , 2021, 275, 119153.	3.9	22
64	SALEing a MOF-Based Ship of Theseus. Sequential Building-Block Replacement for Complete Reformulation of a Pillared-Paddlewheel Metal-Organic Framework. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 4345-4348.	1.0	21
65	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
66	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
67	Fabrication of AgI/MIL-53(Fe) Composites with Enhanced Photocatalytic Activity for Rhodamine B Degradation under Visible Light Irradiation. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4325.	1.7	20
68	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
69	A microcube-like hierarchical heterostructure of $\text{Fe}_2\text{O}_3 @ \text{MoO}_3$ for trimethylamine sensing. <i>Dalton Transactions</i> , 2020, 49, 8114-8121.	1.6	20
70	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
71	Selective adsorption of malachite green (MG) and fuchsin acid (FA) by ZIF-67 hybridized polyvinylidene fluoride (PVDF) membranes. <i>Dalton Transactions</i> , 2021, 50, 8927-8937.	1.6	19
72	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

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73	Hierarchical magnetic BiFeO ₃ microcages: Controlling synthesis and visible-light photocatalytic activity. <i>Ceramics International</i> , 2019, 45, 1554-1561.	2.3	18
74	Yolk-shell (Cu,Zn)Fe ₂ O ₄ ferrite nano-microspheres with highly selective triethylamine gas-sensing properties. <i>Dalton Transactions</i> , 2020, 49, 14475-14482.	1.6	18
75	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. <i>Chemistry Letters</i> , 2004, 33, 74-75.	0.7	17
76	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
77	Dual-emissive Eu ³⁺ , Tb ³⁺ co-doped Gd ₂ (MoO ₄) ₃ phosphor for optical thermometry application. <i>Journal of Physics and Chemistry of Solids</i> , 2021, 153, 110032.	1.9	17
78	Fabrication of organic-inorganic hybrid membranes composed of poly(vinylidene fluoride) and silver cyanamide and their high photocatalytic activity under visible light irradiation. <i>RSC Advances</i> , 2016, 6, 61920-61926.	1.7	16
79	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
80	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
81	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
82	Surface functionalization of zirconium dioxide nano-adsorbents with 3-aminopropyl triethoxysilane and promoted adsorption activity for bovine serum albumin. <i>Materials Chemistry and Physics</i> , 2016, 176, 129-135.	2.0	15
83	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
84	Nickel Nanoparticles Encapsulated in Microporous Graphenelike Carbon (Ni@MGC) as Catalysts for CO ₂ Methanation. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 20536-20542.	1.8	15
85	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
86	Fast synthesis of SSZ-13 zeolite by steam-assisted crystallization method. <i>Microporous and Mesoporous Materials</i> , 2020, 293, 109789.	2.2	14
87	Ionothermal synthesis of a photochromic inorganic-organic complex for colorimetric and portable UV index indication and UVB detection. <i>RSC Advances</i> , 2020, 10, 41720-41726.	1.7	14
88	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
89	Combining solvent-assisted linker exchange and transmetallation strategies to obtain a new non-catenated nickel (II) pillared-paddlewheel MOF. <i>Inorganic Chemistry Communication</i> , 2016, 67, 60-63.	1.8	13
90	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

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91	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
92	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
93	Quaternary Ammonium-Mediated Delamination of Europium-Based Metal-Organic Framework into Ultrathin Nanosheets for the Selective Photoelectrochemical Sensing of Fe ³⁺ . <i>Inorganic Chemistry</i> , 2021, 60, 19044-19052.	1.9	12
94	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
95	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. <i>Materials Chemistry Frontiers</i> , 2021, 5, 7843-7851.	3.2	11
96	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
97	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
98	[Ge ₉ O ₁₄ (OH) ₁₂](C ₆ N ₂ H ₁₆) ₂ ·1/2H ₂ O: A Novel Germanate with Ge-O Helical Chains Formed by Hydrothermal Synthesis that Can Separate trans and cis Isomers <i>In Situ</i> . <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 4547-4549.	1.0	9
99	Germanate with Three-Dimensional 12 Å–12 Å–11-Ring Channels Solved by X-ray Powder Diffraction with Charge-Flipping Algorithm. <i>Inorganic Chemistry</i> , 2013, 52, 10238-10244.	1.9	9
100	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
101	Synergistic adsorption and photocatalytic degradation of persistent synthetic dyes by capsule-like porphyrin-based MOFs. <i>Nanotechnology</i> , 2021, 32, 465705.	1.3	9
102	Hierarchical spinel-type corn-like MGa ₂ O ₄ (M = Ni, Co) architectures for selective triethylamine gas sensors. <i>Materials Science in Semiconductor Processing</i> , 2021, 133, 105993.	1.9	9
103	(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. <i>Inorganic Chemistry Communication</i> , 2011, 14, 1842-1845.	1.8	8
104	How to fit a response current-concentration curve? A semi-empirical investigation of non-enzymatic glucose sensor based on PANI-modified nickel foam. <i>Journal of Electroanalytical Chemistry</i> , 2019, 840, 384-390.	1.9	8
105	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
106	Fabrication of PVDF membranes entrapped with oleic acid modified TiO ₂ and selective adsorption toward bovine hemoglobin. <i>RSC Advances</i> , 2015, 5, 48607-48614.	1.7	7
107	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
108	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

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109	Distribution of trivalent metal cations in aluminogermanate zeolites with JST topology. Dalton Transactions, 2012, 41, 12170.	1.6	6
110	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
111	Dual cocatalysts decorated three dimensionally ordered mesoporous g-C ₃ N ₄ with homogeneous wall thickness for enhanced photocatalytic performance. Applied Organometallic Chemistry, 2020, 34, e5552.	1.7	6
112	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
113	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
114	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
115	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
116	Oxygen sensitive electrospun nanofibers doped with rare earth complexes: Characterization and performance. Optical Materials, 2022, 125, 112099.	1.7	4
117	Hydrogen bonding-mediated assembly of carbon dot@Zr-based metal organic framework as a multifunctional fluorescence sensor for chlortetracycline, pH and temperature detection. New Journal of Chemistry, 2022, 46, 13021-13029.	1.4	4
118	Test-strip and smartphone-assisted Eu-TCPE-based ratiometric fluorescence sensor for the ultrasensitive detection of tetracycline. New Journal of Chemistry, 2022, 46, 13129-13136.	1.4	4
119	Synthesis and structural characterization of three 3-D aluminogermanates with different topologies. CrystEngComm, 2014, 16, 5103-5109.	1.3	3
120	Preparation of ZIF-8 nanoparticle-decorated Zn ₂ GeO ₄ nanorods with high photocatalytic performance for chromium (VI) reduction. , 0, 106, 200-208.		3
121	A hierarchical hollow Ni/Co-functionalized MoS ₂ architecture with highly sensitive non-enzymatic glucose sensing activity. Dalton Transactions, 2021, 50, 10059-10066.	1.6	2
122	Dual-emitting ZIF-8@4-MU@Zn ₂ GeO ₄ :Mn ²⁺ nanocomposites for ratiometric luminescent thermometer and information encryption. Dyes and Pigments, 2022, 205, 110522.	2.0	2
123	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
124	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
125	L-lysine-assisted hydrothermal synthesis of β -NaGdF ₄ :Eu ³⁺ microcrystals: Morphology evolution, luminescence and magnetic properties. Surfaces and Interfaces, 2021, 22, 100851.	1.5	0
126	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} ²⁻ ions. , 2022, , .		0