

Xiao Zhang

List of Publications by Citations

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191
papers

18,203
citations

61
h-index

133
g-index

203
ext. papers

21,875
ext. citations

11.9
avg, IF

7.07
L-index

#	Paper	IF	Citations
191	Recent Advances in Ultrathin Two-Dimensional Nanomaterials. <i>Chemical Reviews</i> , 2017 , 117, 6225-6331	68.1	2919
190	Low-temperature hydrogen production from water and methanol using Pt/EMoC catalysts. <i>Nature</i> , 2017 , 544, 80-83	50.4	748
189	High-throughput synthesis of single-layer MoS ₂ nanosheets as a near-infrared photothermal-triggered drug delivery for effective cancer therapy. <i>ACS Nano</i> , 2014 , 8, 6922-33	16.7	704
188	Ultrathin 2D Metal-Organic Framework Nanosheets. <i>Advanced Materials</i> , 2015 , 27, 7372-8	24	684
187	Black phosphorus quantum dots. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 3653-7	16.4	491
186	Synthesis of Two-Dimensional CoS _{1.097} /Nitrogen-Doped Carbon Nanocomposites Using Metal-Organic Framework Nanosheets as Precursors for Supercapacitor Application. <i>Journal of the American Chemical Society</i> , 2016 , 138, 6924-7	16.4	485
185	Solution-Processed Two-Dimensional MoS ₂ Nanosheets: Preparation, Hybridization, and Applications. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 8816-38	16.4	447
184	Graphene quantum dots coated VO ₂ arrays for highly durable electrodes for Li and Na ion batteries. <i>Nano Letters</i> , 2015 , 15, 565-73	11.5	417
183	A High-Rate and Stable Quasi-Solid-State Zinc-Ion Battery with Novel 2D Layered Zinc Orthovanadate Array. <i>Advanced Materials</i> , 2018 , 30, e1803181	24	389
182	Solution-Processed Two-Dimensional Metal Dichalcogenide-Based Nanomaterials for Energy Storage and Conversion. <i>Advanced Materials</i> , 2016 , 28, 6167-96	24	372
181	Dual Tuning of Ni-Co-A (A = P, Se, O) Nanosheets by Anion Substitution and Holey Engineering for Efficient Hydrogen Evolution. <i>Journal of the American Chemical Society</i> , 2018 , 140, 5241-5247	16.4	347
180	All Metal Nitrides Solid-State Asymmetric Supercapacitors. <i>Advanced Materials</i> , 2015 , 27, 4566-71	24	313
179	Hybrid fibers made of molybdenum disulfide, reduced graphene oxide, and multi-walled carbon nanotubes for solid-state, flexible, asymmetric supercapacitors. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 4651-6	16.4	310
178	Three-Dimensional Architectures Constructed from Transition-Metal Dichalcogenide Nanomaterials for Electrochemical Energy Storage and Conversion. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 626-646	16.4	305
177	Up-conversion cell imaging and pH-induced thermally controlled drug release from NaYF ₄ /Yb ³⁺ /Er ³⁺ @hydrogel core-shell hybrid microspheres. <i>ACS Nano</i> , 2012 , 6, 3327-38	16.7	290
176	Growth of Au Nanoparticles on 2D Metalloporphyrinic Metal-Organic Framework Nanosheets Used as Biomimetic Catalysts for Cascade Reactions. <i>Advanced Materials</i> , 2017 , 29, 1700102	24	283
175	Single-layer transition metal dichalcogenide nanosheet-based nanosensors for rapid, sensitive, and multiplexed detection of DNA. <i>Advanced Materials</i> , 2015 , 27, 935-9	24	275

174	One-Pot Synthesis of Highly Anisotropic Five-Fold-Twinned PtCu Nanoframes Used as a Bifunctional Electrocatalyst for Oxygen Reduction and Methanol Oxidation. <i>Advanced Materials</i> , 2016 , 28, 8712-8717	24	275
173	In Situ Grown Epitaxial Heterojunction Exhibits High-Performance Electrocatalytic Water Splitting. <i>Advanced Materials</i> , 2018 , 30, e1705516	24	273
172	Preparation of High-Percentage 1T-Phase Transition Metal Dichalcogenide Nanodots for Electrochemical Hydrogen Evolution. <i>Advanced Materials</i> , 2018 , 30, 1705509	24	234
171	Structural Engineering of 2D Nanomaterials for Energy Storage and Catalysis. <i>Advanced Materials</i> , 2018 , 30, e1706347	24	224
170	Novel structured transition metal dichalcogenide nanosheets. <i>Chemical Society Reviews</i> , 2018 , 47, 3301-3338	33	207
169	Phase engineering of nanomaterials. <i>Nature Reviews Chemistry</i> , 2020 , 4, 243-256	34.6	198
168	Smart MoS ₂ /Fe ₃ O ₄ Nanotheranostic for Magnetically Targeted Photothermal Therapy Guided by Magnetic Resonance/Photoacoustic Imaging. <i>Theranostics</i> , 2015 , 5, 931-45	12.1	196
167	Core-shell carbon materials derived from metal-organic frameworks as an efficient oxygen bifunctional electrocatalyst. <i>Nano Energy</i> , 2016 , 30, 368-378	17.1	196
166	Multifunctional Up-Converting Nanocomposites with Smart Polymer Brushes Gated Mesopores for Cell Imaging and Thermo/pH Dual-Responsive Drug Controlled Release. <i>Advanced Functional Materials</i> , 2013 , 23, 4067-4078	15.6	183
165	Conductive graphene fibers for wire-shaped supercapacitors strengthened by unfunctionalized few-walled carbon nanotubes. <i>ACS Nano</i> , 2015 , 9, 1352-9	16.7	172
164	Crystal phase-based epitaxial growth of hybrid noble metal nanostructures on 4H/fcc Au nanowires. <i>Nature Chemistry</i> , 2018 , 10, 456-461	17.6	160
163	TPGS-stabilized NaYbF ₄ :Er upconversion nanoparticles for dual-modal fluorescent/CT imaging and anticancer drug delivery to overcome multi-drug resistance. <i>Biomaterials</i> , 2015 , 40, 107-16	15.6	157
162	A facile and universal top-down method for preparation of monodisperse transition-metal dichalcogenide nanodots. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 5425-8	16.4	156
161	Lithiation-induced amorphization of Pd ₃ P ₂ S ₈ for highly efficient hydrogen evolution. <i>Nature Catalysis</i> , 2018 , 1, 460-468	36.5	153
160	Tunable multicolor and bright white emission of one-dimensional NaLuF ₄ :Yb ³⁺ ,Ln ³⁺ (Ln = Er, Tm, Ho, Er/Tm, Tm/Ho) microstructures. <i>Journal of Materials Chemistry</i> , 2012 , 22, 10889		151
159	Molecular engineering of dispersed nickel phthalocyanines on carbon nanotubes for selective CO ₂ reduction. <i>Nature Energy</i> , 2020 , 5, 684-692	62.3	151
158	Coating two-dimensional nanomaterials with metal-organic frameworks. <i>ACS Nano</i> , 2014 , 8, 8695-701	16.7	141
157	Up-Conversion Luminescent and Porous NaYF ₄ :Yb ³⁺ , Er ³⁺ @SiO ₂ Nanocomposite Fibers for Anti-Cancer Drug Delivery and Cell Imaging. <i>Advanced Functional Materials</i> , 2012 , 22, 2713-2722	15.6	133

156	Two-dimensional transition metal dichalcogenide nanomaterials for biosensing applications. <i>Materials Chemistry Frontiers</i> , 2017 , 1, 24-36	7.8	130
155	Electric field effect in multilayer Cr ₂ Ge ₂ Te ₆ : a ferromagnetic 2D material. <i>2D Materials</i> , 2017 , 4, 024009	9.9	126
154	Self-assembled chiral nanofibers from ultrathin low-dimensional nanomaterials. <i>Journal of the American Chemical Society</i> , 2015 , 137, 1565-71	16.4	105
153	Peroxidase-like activity of MoS nanoflakes with different modifications and their application for HO and glucose detection. <i>Journal of Materials Chemistry B</i> , 2018 , 6, 487-498	7.3	103
152	High-performance room-temperature sodium-sulfur battery enabled by electrocatalytic sodium polysulfides full conversion. <i>Energy and Environmental Science</i> , 2020 , 13, 562-570	35.4	98
151	Doxorubicin conjugated NaYF ₄ :Yb(3+)/Tm(3+) nanoparticles for therapy and sensing of drug delivery by luminescence resonance energy transfer. <i>Biomaterials</i> , 2012 , 33, 8704-13	15.6	93
150	Preparation of Single-Layer MoS ₂ (1-x)Se ₂ (1-x) and Mo(x)W(1-x)S ₂ Nanosheets with High-Concentration Metallic 1T Phase. <i>Small</i> , 2016 , 12, 1866-74	11	91
149	Double-Network Nanostructured Hydrogel-Derived Ultrafine Sn-Fe Alloy in Three-Dimensional Carbon Framework for Enhanced Lithium Storage. <i>Nano Letters</i> , 2018 , 18, 3193-3198	11.5	90
148	Mussel-inspired one-pot synthesis of transition metal and nitrogen co-doped carbon (M/N-C) as efficient oxygen catalysts for Zn-air batteries. <i>Nanoscale</i> , 2016 , 8, 5067-75	7.7	89
147	In Situ Synthesis of Metal Sulfide Nanoparticles Based on 2D Metal-Organic Framework Nanosheets. <i>Small</i> , 2016 , 12, 4669-74	11	88
146	Poly(acrylic acid) modified lanthanide-doped GdVO ₄ hollow spheres for up-conversion cell imaging, MRI and pH-dependent drug release. <i>Nanoscale</i> , 2013 , 5, 253-61	7.7	88
145	General synthesis of single-atom catalysts with high metal loading using graphene quantum dots. <i>Nature Chemistry</i> , 2021 , 13, 887-894	17.6	86
144	Hybrid Fibers Made of Molybdenum Disulfide, Reduced Graphene Oxide, and Multi-Walled Carbon Nanotubes for Solid-State, Flexible, Asymmetric Supercapacitors. <i>Angewandte Chemie</i> , 2015 , 127, 4734-4739	26	85
143	Boosting the lithium storage performance of MoS ₂ with graphene quantum dots. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 4783-4789	13	81
142	Metal organic framework-derived three-dimensional graphene-supported nitrogen-doped carbon nanotube spheres for electromagnetic wave absorption with ultralow filler mass loading. <i>Carbon</i> , 2019 , 155, 233-242	10.4	79
141	Co@Co ₃ O ₄ @PPD Core@shell Nanoparticle-Based Composite as an Efficient Electrocatalyst for Oxygen Reduction Reaction. <i>Small</i> , 2016 , 12, 2580-7	11	79
140	Liquid-phase growth of platinum nanoparticles on molybdenum trioxide nanosheets: an enhanced catalyst with intrinsic peroxidase-like catalytic activity. <i>Nanoscale</i> , 2014 , 6, 12340-4	7.7	76
139	Controllable synthesis and tunable luminescence properties of Y ₂ (WO ₄) ₃ :Ln ³⁺ (Ln = Eu, Yb/Er, Yb/Tm and Yb/Ho) 3D hierarchical architectures. <i>Dalton Transactions</i> , 2012 , 41, 5634-42	4.3	76

138	Electrospun upconversion composite fibers as dual drugs delivery system with individual release properties. <i>Langmuir</i> , 2013 , 29, 9473-82	4	72
137	Confined Synthesis of 2D Nanostructured Materials toward Electrocatalysis. <i>Advanced Energy Materials</i> , 2020 , 10, 1900486	21.8	70
136	Thiazole derivative-modified upconversion nanoparticles for Hg(2+) detection in living cells. <i>Nanoscale</i> , 2016 , 8, 276-82	7.7	69
135	An anion-driven Sn ²⁺ exchange reaction in CsPbBr ₃ nanocrystals towards tunable and high photoluminescence. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 5506-5513	7.1	68
134	Facile and mass production synthesis of $\text{NaYF}_4:\text{Yb}^{3+}, \text{Er}^{3+}/\text{Tm}^{3+}$ 1D microstructures with multicolor up-conversion luminescence. <i>Chemical Communications</i> , 2011 , 47, 12143-5	5.8	67
133	Self-Assembly of Two-Dimensional Nanosheets into One-Dimensional Nanostructures. <i>Chem</i> , 2016 , 1, 59-77	16.2	67
132	In Situ Growth of NiFe Alloy Nanoparticles Embedded into N-Doped Bamboo-like Carbon Nanotubes as a Bifunctional Electrocatalyst for Zn-Air Batteries. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 26178-26187	9.5	66
131	Promoting Transport Kinetics in Li-Ion Battery with Aligned Porous Electrode Architectures. <i>Nano Letters</i> , 2019 , 19, 8255-8261	11.5	62
130	AuAg nanosheets assembled from ultrathin AuAg nanowires. <i>Journal of the American Chemical Society</i> , 2015 , 137, 1444-7	16.4	61
129	Preparation of Cobalt Sulfide Nanoparticle-Decorated Nitrogen and Sulfur Co-Doped Reduced Graphene Oxide Aerogel Used as a Highly Efficient Electrocatalyst for Oxygen Reduction Reaction. <i>Small</i> , 2016 , 12, 5920-5926	11	61
128	A cyanine-modified upconversion nanoprobe for NIR-excited imaging of endogenous hydrogen peroxide signaling in vivo. <i>Biomaterials</i> , 2015 , 54, 34-43	15.6	60
127	Rapid, morphologically controllable, large-scale synthesis of uniform Y(OH) ₃ and tunable luminescent properties of Y ₂ O ₃ :Yb ³⁺ /Ln ³⁺ (Ln = Er, Tm and Ho). <i>Journal of Materials Chemistry</i> , 2012 , 22, 16136		60
126	Doping MoS ₂ with Graphene Quantum Dots: Structural and Electrical Engineering towards Enhanced Electrochemical Hydrogen Evolution. <i>Electrochimica Acta</i> , 2016 , 211, 603-610	6.7	55
125	Fabrication of ultralong hybrid microfibers from nanosheets of reduced graphene oxide and transition-metal dichalcogenides and their application as supercapacitors. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 12576-80	16.4	54
124	Fabrication of Ultralong Hybrid Microfibers from Nanosheets of Reduced Graphene Oxide and Transition-Metal Dichalcogenides and their Application as Supercapacitors. <i>Angewandte Chemie</i> , 2014 , 126, 12784-12788	3.6	54
123	Phase-Selective Epitaxial Growth of Heterophase Nanostructures on Unconventional 2H-Pd Nanoparticles. <i>Journal of the American Chemical Society</i> , 2020 , 142, 18971-18980	16.4	53
122	Growth of CoFe ₂ O ₄ hollow nanoparticles on graphene sheets for high-performance electromagnetic wave absorbers. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 12781-12787	7.1	53
121	Highly Sensitive and Selective Aptamer-Based Fluorescence Detection of a Malarial Biomarker Using Single-Layer MoS ₂ Nanosheets. <i>ACS Sensors</i> , 2016 , 1, 1315-1321	9.2	52

120	Engineering a High-Energy-Density and Long Lifespan Aqueous Zinc Battery via Ammonium Vanadium Bronze. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 20796-20803	9.5	51
119	Lösungsprozessierte MoS ₂ -Nanoplättchen: Herstellung, Hybridisierung und Anwendungen. <i>Angewandte Chemie</i> , 2016 , 128, 8960-8984	3.6	51
118	Preparation of Ultrathin Two-Dimensional Ti Ta S O Nanosheets as Highly Efficient Photothermal Agents. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 7842-7846	16.4	50
117	Composition- and phase-controlled synthesis and applications of alloyed phase heterostructures of transition metal disulphides. <i>Nanoscale</i> , 2017 , 9, 5102-5109	7.7	49
116	Amorphous Porous Organic Polymers Based on Schiff-Base Chemistry for Highly Efficient Iodine Capture. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 2046	4.5	48
115	Recent Progress in the Preparation, Assembly, Transformation, and Applications of Layer-Structured Nanodisks beyond Graphene. <i>Advanced Materials</i> , 2017 , 29, 1701704	24	47
114	Epidermal Supercapacitor with High Performance. <i>Advanced Functional Materials</i> , 2016 , 26, 8178-8184	15.6	45
113	Lightweight, Fire-Retardant, and Anti-Compressed Honeycombed-Like Carbon Aerogels for Thermal Management and High-Efficiency Electromagnetic Absorbing Properties. <i>Small</i> , 2021 , 17, e2102032	11.1	43
112	Organic-Dye-Modified Upconversion Nanoparticle as a Multichannel Probe To Detect Cu in Living Cells. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 1028-1032	9.5	41
111	Formation of g-C ₃ N ₄ Nanotubes towards Superior Photocatalysis Performance. <i>ChemCatChem</i> , 2019 , 11, 4558-4567	5.2	40
110	Self-assembled three-dimensional NaY(WO ₄) ₂ :Ln ³⁺ architectures: Hydrothermal synthesis, growth mechanism and luminescence properties. <i>Journal of Alloys and Compounds</i> , 2012 , 529, 140-147	5.7	40
109	Selective Epitaxial Growth of Oriented Hierarchical Metal-Organic Framework Heterostructures. <i>Journal of the American Chemical Society</i> , 2020 , 142, 8953-8961	16.4	40
108	Platinum (IV) pro-drug conjugated NaYF ₄ :Yb(3+)/Er(3+) nanoparticles for targeted drug delivery and up-conversion cell imaging. <i>Advanced Healthcare Materials</i> , 2013 , 2, 562-7	10.1	39
107	Efficient bifunctional vanadium-doped Ni ₃ S ₂ nanorod array for overall water splitting. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 443-450	6.8	39
106	NiMoS ₃ Nanorods as pH-Tolerant Electrocatalyst for Efficient Hydrogen Evolution. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 9006-9013	8.3	38
105	Self-supported N-doped CNT arrays for flexible Zn air batteries. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 18162-18172	13	37
104	Three dimensional graphene-supported nitrogen-doped carbon nanotube architectures for attenuation of electromagnetic energy. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 11868-11878	7.1	36
103	Construction of 2D g-CN lateral-like homostructures and their photo- and electro-catalytic activities. <i>Chemical Communications</i> , 2019 , 55, 1233-1236	5.8	36

102	Cyan-emitting Ti ⁴⁺ - and Mn ²⁺ -coactivated Mg ₂ SnO ₄ as a potential phosphor to enlarge the color gamut for field emission display. <i>Journal of Materials Chemistry</i> , 2011 , 21, 6477		36
101	Hybrid of Fe ₄ [Fe(CN) ₆] ₃ nanocubes and MoS ₂ nanosheets on nitrogen-doped graphene realizing improved electrochemical hydrogen production. <i>Electrochimica Acta</i> , 2018 , 263, 140-146	6.7	35
100	Triangular Ag-Pd alloy nanoprisms: rational synthesis with high-efficiency for electrocatalytic oxygen reduction. <i>Nanoscale</i> , 2014 , 6, 11738-43	7.7	35
99	Weavable, High-Performance, Solid-State Supercapacitors Based on Hybrid Fibers Made of Sandwiched Structure of MWCNT/rGO/MWCNT. <i>Advanced Electronic Materials</i> , 2016 , 2, 1600102	6.4	35
98	Insights into Practical-Scale Electrochemical H ₂ O ₂ Synthesis. <i>Trends in Chemistry</i> , 2020 , 2, 942-953	14.8	34
97	Dreidimensionale Architekturen aus Übergangsmetall-Dichalkogenid-Nanomaterialien zur elektrochemischen Energiespeicherung und -umwandlung. <i>Angewandte Chemie</i> , 2018 , 130, 634-655	3.6	33
96	Shell-core MoS ₂ nanosheets@Fe ₃ O ₄ sphere heterostructure with exposed active edges for efficient electrocatalytic hydrogen production. <i>Journal of Alloys and Compounds</i> , 2017 , 715, 53-59	5.7	32
95	The design of a novel and resistant Zn(PZDC)(ATZ) MOF catalyst for the chemical fixation of CO ₂ under solvent-free conditions. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 317-325	6.8	32
94	Impact of the North Atlantic Oscillation on the Dipole Oscillation of summer precipitation over the central and eastern Tibetan Plateau. <i>International Journal of Climatology</i> , 2015 , 35, 4539-4546	3.5	32
93	Hierarchical flower-like NiCo layered double hydroxide nanostructures: synthesis and super performance. <i>Inorganic Chemistry Frontiers</i> , 2018 , 5, 3033-3041	6.8	32
92	Hierarchical nanoarchitected hybrid electrodes based on ultrathin MoSe ₂ nanosheets on 3D ordered macroporous carbon frameworks for high-performance sodium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 2843-2850	13	31
91	Preparation of MoS ₂ /MoO ₃ Hybrid Nanomaterials for Light-Emitting Diodes. <i>Angewandte Chemie</i> , 2014 , 126, 12768-12773	3.6	30
90	Intramolecular Hydrogen Bonding-Based Topology Regulation of Two-Dimensional Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2020 , 142, 13162-13169	16.4	29
89	Thickness-independent scalable high-performance Li-S batteries with high areal sulfur loading via electron-enriched carbon framework. <i>Nature Communications</i> , 2021 , 12, 4519	17.4	29
88	Synthesis of MoX ₂ (X = Se or S) monolayers with high-concentration 1T' phase on 4H/fcc-Au nanorods for hydrogen evolution. <i>Nano Research</i> , 2019 , 12, 1301-1305	10	28
87	Evolution of Morphology, Phase Composition, and Photoluminescence of Cesium Lead Bromine Nanocrystals with Temperature and Precursors. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 28968-28976	3.8	27
86	Ultrastable g-CN assemblies with high quantum yield and reversible photoluminescence. <i>Chemical Communications</i> , 2018 , 54, 13519-13522	5.8	26
85	Enhanced hydrogen evolution of MoS ₂ /RGO: vanadium, nitrogen dopants triggered new active sites and expanded interlayer. <i>Inorganic Chemistry Frontiers</i> , 2018 , 5, 2092-2099	6.8	26

84	Investigation of Thermally Induced Cellular Ablation and Heat Response Triggered by Planar MoS-Based Nanocomposite. <i>Bioconjugate Chemistry</i> , 2017 , 28, 1059-1067	6.3	25
83	Ni/Ni ₃ C core-shell nanoparticles encapsulated in N-doped bamboo-like carbon nanotubes towards efficient overall water splitting. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 1073-1080	6.8	24
82	Morphology-controllable synthesis and enhanced luminescence properties of NaLuF ₄ :Ln (Ln = Eu, Tb and Ce/Tb) microcrystals by solvothermal process. <i>RSC Advances</i> , 2012 , 2, 7569	3.7	24
81	Direct and continuous generation of pure acetic acid solutions via electrocatalytic carbon monoxide reduction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	24
80	A 2.0 V capacitive device derived from shape-preserved metal nitride nanorods. <i>Nano Energy</i> , 2016 , 26, 1-6	17.1	23
79	Iridium-Catalyzed Asymmetric Allylic Amination Reactions with N-Aryl Phosphoramidite Ligands. <i>Organometallics</i> , 2016 , 35, 2467-2472	3.8	23
78	Enhancing the sensing specificity of a MoS nanosheet-based FRET aptasensor using a surface blocking strategy. <i>Analyst, The</i> , 2017 , 142, 2570-2577	5	22
77	Cell Membrane Camouflaged Hydrophobic Drug Nanoflake Sandwiched with Photosensitizer for Orchestration of Chemo-Photothermal Combination Therapy. <i>Small</i> , 2019 , 15, e1805544	11	22
76	General Facet-Controlled Synthesis of Single-Crystalline {010}-Oriented LiMPO ₄ (M = Mn, Fe, Co) Nanosheets. <i>Chemistry of Materials</i> , 2017 , 29, 10526-10533	9.6	21
75	Self-template synthesis of CoFe ₂ O ₄ nanotubes for high-performance lithium storage. <i>RSC Advances</i> , 2015 , 5, 29837-29841	3.7	21
74	Conductive CuCo-Based Bimetal Organic Framework for Efficient Hydrogen Evolution. <i>Advanced Materials</i> , 2021 , 33, e2106781	24	21
73	A mini review on two-dimensional nanomaterial assembly. <i>Nano Research</i> , 2020 , 13, 1179-1190	10	21
72	General Synthetic Strategy for Pomegranate-like Transition-Metal Carbon Nanostructures with High Lithium Storage Capacity 2019 , 1, 265-271		20
71	Synthesis of WO _n -WX (n=2.7, 2.9; X=S, Se) Heterostructures for Highly Efficient Green Quantum Dot Light-Emitting Diodes. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 10486-10490	16.4	20
70	Fast and large lithium storages from CoMoO ₄ nanorods-graphene composite. <i>Ionics</i> , 2015 , 21, 2993-2999.	7	20
69	CsPbX ₃ Quantum Dots Embedded in Zeolitic Imidazolate Framework-8 Microparticles for Bright White Light-Emitting Devices. <i>ACS Applied Nano Materials</i> , 2021 , 4, 5478-5485	5.6	20
68	Rational synthesis of triangular Au-Ag ₂ S hybrid nanoframes with effective photoresponses. <i>Chemistry - A European Journal</i> , 2014 , 20, 2742-5	4.8	19
67	Hierarchical Lamellar Superstructures of Rhombic Priceite (Ca ₄ B ₁₀ O ₁₉ ·7H ₂ O): Facile Hydrothermal Synthesis, Shape Evolution, Optical, and Thermal Decomposition Properties. <i>Crystal Growth and Design</i> , 2011 , 11, 2935-2941	3.5	19

66	Chemically Binding Scaffolded Anodes with 3D Graphene Architectures Realizing Fast and Stable Lithium Storage. <i>Research</i> , 2019 , 2019, 8393085	7.8	19
65	Visible-Light-Induced Dearomatization via [2+2] Cycloaddition or 1,5-Hydrogen Atom Transfer: Divergent Reaction Pathways of Transient Diradicals. <i>ACS Catalysis</i> , 2020 , 10, 12618-12626	13.1	19
64	Fusiform-Shaped g-C N Capsules with Superior Photocatalytic Activity. <i>Small</i> , 2020 , 16, e2003910	11	19
63	Co ₃ [Fe(CN) ₆] ₂ nanocube derived architecture of Co,Fe co-doped MoS ₂ nanosheets for efficient water electrolysis. <i>Electrochimica Acta</i> , 2019 , 309, 116-124	6.7	18
62	A two-step gas/liquid strategy for the production of N-doped defect-rich transition metal dichalcogenide nanosheets and their antibacterial applications. <i>Nanoscale</i> , 2020 , 12, 8415-8424	7.7	18
61	Biosynthesis of Self-Assembled Proteinaceous Nanoparticles for Vaccination. <i>Advanced Materials</i> , 2020 , 32, e2002940	24	18
60	Ultra-thin metal-organic framework nanoribbons. <i>National Science Review</i> , 2020 , 7, 46-52	10.8	18
59	CoMoS _{3.13} nanosheets grafted on B, N co-doped graphene nanotubes as bifunctional catalyst for efficient water electrolysis. <i>Journal of Alloys and Compounds</i> , 2018 , 731, 403-410	5.7	17
58	Synthesis of Pd Sn and PdCuSn Nanorods with L1 Phase for Highly Efficient Electrocatalytic Ethanol Oxidation. <i>Advanced Materials</i> , 2021 , e2106115	24	17
57	One-pot template-free synthesis of NaYF ₄ upconversion hollow nanospheres for bioimaging and drug delivery. <i>Chemistry - an Asian Journal</i> , 2014 , 9, 1655-62	4.5	16
56	Multifunctional NaYF ₄ :Yb/Er/Gd nanocrystal decorated SiO ₂ nanotubes for anti-cancer drug delivery and dual modal imaging. <i>RSC Advances</i> , 2013 , 3, 8517	3.7	16
55	Hierarchical bundles structure of NaLuF ₄ : facile synthesis, shape evolution, and luminescent properties. <i>RSC Advances</i> , 2012 , 2, 10337	3.7	16
54	Controlling Mn Emission in CsPbCl ₃ Nanocrystals via Ion Exchange toward Enhanced and Tunable White Photoluminescence. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 27032-27039	3.8	16
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