

Hua Zhang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2164099/publications.pdf>

Version: 2024-02-01

734
papers

133,185
citations

57

177
h-index

109

345
g-index

780
all docs

780
docs citations

780
times ranked

84156
citing authors

#	ARTICLE	IF	CITATIONS
1	The chemistry of two-dimensional layered transition metal dichalcogenide nanosheets. <i>Nature Chemistry</i> , 2013, 5, 263-275.	6.6	8,051
2	Recent Advances in Ultrathin Two-Dimensional Nanomaterials. <i>Chemical Reviews</i> , 2017, 117, 6225-6331.	23.0	3,940
3	Graphene-based composites. <i>Chemical Society Reviews</i> , 2012, 41, 666-686.	18.7	3,513
4	Single-Layer MoS ₂ Phototransistors. <i>ACS Nano</i> , 2012, 6, 74-80.	7.3	3,103
5	Graphene-Based Materials: Synthesis, Characterization, Properties, and Applications. <i>Small</i> , 2011, 7, 1876-1902.	5.2	2,239
6	Imparting functionality to a metal-organic framework material by controlled nanoparticle encapsulation. <i>Nature Chemistry</i> , 2012, 4, 310-316.	6.6	1,857
7	Metal dichalcogenide nanosheets: preparation, properties and applications. <i>Chemical Society Reviews</i> , 2013, 42, 1934.	18.7	1,809
8	Growth of Large-Area and Highly Crystalline MoS ₂ Thin Layers on Insulating Substrates. <i>Nano Letters</i> , 2012, 12, 1538-1544.	4.5	1,749
9	Ultrathin Two-Dimensional Nanomaterials. <i>ACS Nano</i> , 2015, 9, 9451-9469.	7.3	1,726
10	Single-Layer Semiconducting Nanosheets: High-Yield Preparation and Device Fabrication. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11093-11097.	7.2	1,517
11	3D Graphene-Cobalt Oxide Electrode for High-Performance Supercapacitor and Enzymeless Glucose Detection. <i>ACS Nano</i> , 2012, 6, 3206-3213.	7.3	1,510
12	Two-dimensional transition metal dichalcogenide nanosheet-based composites. <i>Chemical Society Reviews</i> , 2015, 44, 2713-2731.	18.7	1,405
13	Preparation and Applications of Mechanically Exfoliated Single-Layer and Multilayer MoS ₂ and WSe ₂ Nanosheets. <i>Accounts of Chemical Research</i> , 2014, 47, 1067-1075.	7.6	1,374
14	Fabrication of Single- and Multilayer MoS ₂ Film-Based Field-Effect Transistors for Sensing NO at Room Temperature. <i>Small</i> , 2012, 8, 63-67.	5.2	1,346
15	2D Transition-Metal-Dichalcogenide-Nanosheet-Based Composites for Photocatalytic and Electrocatalytic Hydrogen Evolution Reactions. <i>Advanced Materials</i> , 2016, 28, 1917-1933.	11.1	1,214
16	Synthesis of Few-Layer MoS ₂ Nanosheet-Coated TiO ₂ Nanobelt Heterostructures for Enhanced Photocatalytic Activities. <i>Small</i> , 2013, 9, 140-147.	5.2	1,166
17	Two-dimensional semiconductors for transistors. <i>Nature Reviews Materials</i> , 2016, 1, .	23.3	1,020
18	Single-Layer MoS ₂ -Based Nanoprobes for Homogeneous Detection of Biomolecules. <i>Journal of the American Chemical Society</i> , 2013, 135, 5998-6001.	6.6	995

#	ARTICLE	IF	CITATIONS
19	Preparation of Novel 3D Graphene Networks for Supercapacitor Applications. <i>Small</i> , 2011, 7, 3163-3168.	5.2	980
20	Two-dimensional metal-organic framework nanosheets: synthesis and applications. <i>Chemical Society Reviews</i> , 2018, 47, 6267-6295.	18.7	978
21	Ultrathin 2D Metal-Organic Framework Nanosheets. <i>Advanced Materials</i> , 2015, 27, 7372-7378.	11.1	943
22	Ni ₃ S ₂ nanorods/Ni foam composite electrode with low overpotential for electrocatalytic oxygen evolution. <i>Energy and Environmental Science</i> , 2013, 6, 2921.	15.6	939
23	The Evolution of Dip-Pen Nanolithography. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 30-45.	7.2	877
24	Hybrid micro-/nano-structures derived from metal-organic frameworks: preparation and applications in energy storage and conversion. <i>Chemical Society Reviews</i> , 2017, 46, 2660-2677.	18.7	866
25	Graphene-Based Electrodes. <i>Advanced Materials</i> , 2012, 24, 5979-6004.	11.1	829
26	Fabrication of Flexible MoS ₂ Thin-Film Transistor Arrays for Practical Gas Sensing Applications. <i>Small</i> , 2012, 8, 2994-2999.	5.2	817
27	Two-dimensional graphene analogues for biomedical applications. <i>Chemical Society Reviews</i> , 2015, 44, 2681-2701.	18.7	786
28	Three-dimensional graphene materials: preparation, structures and application in supercapacitors. <i>Energy and Environmental Science</i> , 2014, 7, 1850-1865.	15.6	773
29	High phase-purity 1T ⁻² -MoS ₂ - and 1T ⁻² -MoSe ₂ -layered crystals. <i>Nature Chemistry</i> , 2018, 10, 638-643.	6.6	757
30	Solution-phase epitaxial growth of noble metal nanostructures on dispersible single-layer molybdenum disulfide nanosheets. <i>Nature Communications</i> , 2013, 4, 1444.	5.8	756
31	Three-Dimensional Graphene Foam Supported Fe ₃ O ₄ Lithium Battery Anodes with Long Cycle Life and High Rate Capability. <i>Nano Letters</i> , 2013, 13, 6136-6143.	4.5	738
32	Recent Development of Advanced Materials with Special Wettability for Selective Oil/Water Separation. <i>Small</i> , 2016, 12, 2186-2202.	5.2	719
33	Two-Dimensional Metal Nanomaterials: Synthesis, Properties, and Applications. <i>Chemical Reviews</i> , 2018, 118, 6409-6455.	23.0	711
34	In Situ Synthesis of Metal Nanoparticles on Single-Layer Graphene Oxide and Reduced Graphene Oxide Surfaces. <i>Journal of Physical Chemistry C</i> , 2009, 113, 10842-10846.	1.5	702
35	Two-dimensional transition metal dichalcogenide (TMD) nanosheets. <i>Chemical Society Reviews</i> , 2015, 44, 2584-2586.	18.7	699
36	Graphene-based electronic sensors. <i>Chemical Science</i> , 2012, 3, 1764.	3.7	663

#	ARTICLE	IF	CITATIONS
37	Graphene and Graphene-Based Materials for Energy Storage Applications. <i>Small</i> , 2014, 10, 3480-3498.	5.2	653
38	Direct Electrochemical Reduction of Single-Layer Graphene Oxide and Subsequent Functionalization with Glucose Oxidase. <i>Journal of Physical Chemistry C</i> , 2009, 113, 14071-14075.	1.5	636
39	Electrochemical Deposition of ZnO Nanorods on Transparent Reduced Graphene Oxide Electrodes for Hybrid Solar Cells. <i>Small</i> , 2010, 6, 307-312.	5.2	626
40	Carbon Fiber Aerogel Made from Raw Cotton: A Novel, Efficient and Recyclable Sorbent for Oils and Organic Solvents. <i>Advanced Materials</i> , 2013, 25, 5916-5921.	11.1	600
41	Nitrogen and Sulfur Codoped Graphene: Multifunctional Electrode Materials for High-Performance Li-Ion Batteries and Oxygen Reduction Reaction. <i>Advanced Materials</i> , 2014, 26, 6186-6192.	11.1	598
42	Black Phosphorus Quantum Dots. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 3653-3657.	7.2	594
43	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, 6924-6927.	6.6	591
44	One-pot Synthesis of CdS Nanocrystals Hybridized with Single-Layer Transition-Metal Dichalcogenide Nanosheets for Efficient Photocatalytic Hydrogen Evolution. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1210-1214.	7.2	584
45	25th Anniversary Article: Hybrid Nanostructures Based on Two-Dimensional Nanomaterials. <i>Advanced Materials</i> , 2014, 26, 2185-2204.	11.1	579
46	Interlayer Breathing and Shear Modes in Few-Trilayer MoS ₂ and WSe ₂ . <i>Nano Letters</i> , 2013, 13, 1007-1015.	4.5	576
47	Centimeter-Long and Large-Scale Micropatterns of Reduced Graphene Oxide Films: Fabrication and Sensing Applications. <i>ACS Nano</i> , 2010, 4, 3201-3208.	7.3	571
48	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.	11.1	571
49	Organic Photovoltaic Devices Using Highly Flexible Reduced Graphene Oxide Films as Transparent Electrodes. <i>ACS Nano</i> , 2010, 4, 5263-5268.	7.3	566
50	Solution-Processed Two-Dimensional MoS ₂ Nanosheets: Preparation, Hybridization, and Applications. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8816-8838.	7.2	557
51	Interdiffusion Reaction-Assisted Hybridization of Two-Dimensional Metal-Organic Frameworks and Ti ₃ C ₂ T ₃ Nanosheets for Electrocatalytic Oxygen Evolution. <i>ACS Nano</i> , 2017, 11, 5800-5807.	7.3	557
52	One-step synthesis of Ni ₃ S ₂ nanorod@Ni(OH) ₂ nanosheet core-shell nanostructures on a three-dimensional graphene network for high-performance supercapacitors. <i>Energy and Environmental Science</i> , 2013, 6, 2216-2221.	15.6	554
53	Synthesis of hexagonal close-packed gold nanostructures. <i>Nature Communications</i> , 2011, 2, 292.	5.8	553
54	High-Efficiency Green-Quantum Dot Solar Cells. <i>Journal of the American Chemical Society</i> , 2014, 136, 9203-9210.	6.6	547

#	ARTICLE	IF	CITATIONS
55	Mechanical Exfoliation and Characterization of Single- and Few-Layer Nanosheets of WSe_2 , TaS_2 , and $TaSe_2$. <i>Small</i> , 2013, 9, 1974-1981.	5.2	544
56	Preparation of MoS_2 -Coated Three-Dimensional Graphene Networks for High-Performance Anode Material in Lithium-Ion Batteries. <i>Small</i> , 2013, 9, 3433-3438.	5.2	542
57	Synthesis of porous NiO nanocrystals with controllable surface area and their application as supercapacitor electrodes. <i>Nano Research</i> , 2010, 3, 643-652.	5.8	534
58	Graphene-Based Electrochemical Sensors. <i>Small</i> , 2013, 9, 1160-1172.	5.2	526
59	Wet-chemical synthesis and applications of non-layer structured two-dimensional nanomaterials. <i>Nature Communications</i> , 2015, 6, 7873.	5.8	526
60	An Effective Method for the Fabrication of Few-Layer-Thick Inorganic Nanosheets. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9052-9056.	7.2	520
61	Polymer Pen Lithography. <i>Science</i> , 2008, 321, 1658-1660.	6.0	501
62	Graphene Quantum Dots Coated VO_2 Arrays for Highly Durable Electrodes for Li and Na Ion Batteries. <i>Nano Letters</i> , 2015, 15, 565-573.	4.5	493
63	V_2O_5 /Conductive-Polymer Core/Shell Nanobelt Array on Three-Dimensional Graphite Foam: A High-Rate, Ultrastable, and Freestanding Cathode for Lithium-Ion Batteries. <i>Advanced Materials</i> , 2014, 26, 5794-5800.	11.1	450
64	Iron Oxide-Decorated Carbon for Supercapacitor Anodes with Ultrahigh Energy Density and Outstanding Cycling Stability. <i>ACS Nano</i> , 2015, 9, 5198-5207.	7.3	441
65	Bioinspired Design of Ultrathin 2D Bimetallic Metal-Organic Framework Nanosheets Used as Biomimetic Enzymes. <i>Advanced Materials</i> , 2016, 28, 4149-4155.	11.1	440
66	Ultrathin Two-Dimensional Covalent Organic Framework Nanosheets: Preparation and Application in Highly Sensitive and Selective DNA Detection. <i>Journal of the American Chemical Society</i> , 2017, 139, 8698-8704.	6.6	440
67	Solution-Processed Two-Dimensional Metal Dichalcogenide-Based Nanomaterials for Energy Storage and Conversion. <i>Advanced Materials</i> , 2016, 28, 6167-6196.	11.1	438
68	Phase engineering of nanomaterials. <i>Nature Reviews Chemistry</i> , 2020, 4, 243-256.	13.8	438
69	Achieving high specific charge capacitances in Fe_3O_4 /reduced graphene oxide nanocomposites. <i>Journal of Materials Chemistry</i> , 2011, 21, 3422.	6.7	430
70	A New Type of Porous Graphite Foams and Their Integrated Composites with Oxide/Polymer Core/Shell Nanowires for Supercapacitors: Structural Design, Fabrication, and Full Supercapacitor Demonstrations. <i>Nano Letters</i> , 2014, 14, 1651-1658.	4.5	428
71	Hierarchical Ni-Mo-S nanosheets on carbon fiber cloth: A flexible electrode for efficient hydrogen generation in neutral electrolyte. <i>Science Advances</i> , 2015, 1, e1500259.	4.7	427
72	Seed-assisted synthesis of highly ordered $TiO_2@Fe_2O_3$ core/shell arrays on carbon textiles for lithium-ion battery applications. <i>Energy and Environmental Science</i> , 2012, 5, 6559.	15.6	421

#	ARTICLE	IF	CITATIONS
73	Synthesis of Free-Standing Metal Sulfide Nanoarrays via Anion Exchange Reaction and Their Electrochemical Energy Storage Application. <i>Small</i> , 2014, 10, 766-773.	5.2	413
74	Production of Two-Dimensional Nanomaterials via Liquid-Based Direct Exfoliation. <i>Small</i> , 2016, 12, 272-293.	5.2	407
75	Hierarchical hollow spheres composed of ultrathin Fe ₂ O ₃ nanosheets for lithium storage and photocatalytic water oxidation. <i>Energy and Environmental Science</i> , 2013, 6, 987.	15.6	404
76	Core/Shell Colloidal Quantum Dot Exciplex States for the Development of Highly Efficient Quantum-Dot-Sensitized Solar Cells. <i>Journal of the American Chemical Society</i> , 2013, 135, 15913-15922.	6.6	400
77	Graphene-Based Materials for Solar Cell Applications. <i>Advanced Energy Materials</i> , 2014, 4, 1300574.	10.2	398
78	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.	7.2	398
79	Preparation of MoS ₂ -Polyvinylpyrrolidone Nanocomposites for Flexible Nonvolatile Rewritable Memory Devices with Reduced Graphene Oxide Electrodes. <i>Small</i> , 2012, 8, 3517-3522.	5.2	393
80	Visual Cocaine Detection with Gold Nanoparticles and Rationally Engineered Aptamer Structures. <i>Small</i> , 2008, 4, 1196-1200.	5.2	390
81	Reduced Graphene Oxide-Wrapped MoO ₃ Composites Prepared by Using Metal-Organic Frameworks as Precursor for All-Solid-State Flexible Supercapacitors. <i>Advanced Materials</i> , 2015, 27, 4695-4701.	11.1	388
82	Hybrid structure of cobalt monoxide nanowire @ nickel hydroxidenitrate nanoflake aligned on nickel foam for high-rate supercapacitor. <i>Energy and Environmental Science</i> , 2011, 4, 4496.	15.6	386
83	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.	11.1	384
84	In Situ Grown Epitaxial Heterojunction Exhibits High-Performance Electrocatalytic Water Splitting. <i>Advanced Materials</i> , 2018, 30, e1705516.	11.1	375
85	Electrochemically Reduced Single-Layer MoS ₂ Nanosheets: Characterization, Properties, and Sensing Applications. <i>Small</i> , 2012, 8, 2264-2270.	5.2	373
86	All Metal Nitrides Solid-State Asymmetric Supercapacitors. <i>Advanced Materials</i> , 2015, 27, 4566-4571.	11.1	371
87	A general method for the large-scale synthesis of uniform ultrathin metal sulphide nanocrystals. <i>Nature Communications</i> , 2012, 3, 1177.	5.8	368
88	Two-Dimensional Metal-Organic Framework Nanosheets. <i>Small Methods</i> , 2017, 1, 1600030.	4.6	364
89	Rapid and Reliable Thickness Identification of Two-Dimensional Nanosheets Using Optical Microscopy. <i>ACS Nano</i> , 2013, 7, 10344-10353.	7.3	359
90	Self-Assembly of Single-Layer CoAl-Layered Double Hydroxide Nanosheets on 3D Graphene Network Used as Highly Efficient Electrocatalyst for Oxygen Evolution Reaction. <i>Advanced Materials</i> , 2016, 28, 7640-7645.	11.1	355

#	ARTICLE	IF	CITATIONS
91	Facile synthesis of metal oxide/reduced graphene oxide hybrids with high lithium storage capacity and stable cyclability. <i>Nanoscale</i> , 2011, 3, 1084-1089.	2.8	352
92	Preparation of High-Percentage 1T-Phase Transition Metal Dichalcogenide Nanodots for Electrochemical Hydrogen Evolution. <i>Advanced Materials</i> , 2018, 30, 1705509.	11.1	341
93	Enlarged Co \times O Covalency in Octahedral Sites Leading to Highly Efficient Spinel Oxides for Oxygen Evolution Reaction. <i>Advanced Materials</i> , 2018, 30, e1802912.	11.1	338
94	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.	11.1	336
95	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, 4651-4656.	7.2	334
96	Crystal phase-controlled synthesis, properties and applications of noble metal nanomaterials. <i>Chemical Society Reviews</i> , 2016, 45, 63-82.	18.7	330
97	Layered Transition Metal Dichalcogenide-Based Nanomaterials for Electrochemical Energy Storage. <i>Advanced Materials</i> , 2020, 32, e1903826.	11.1	329
98	Amphiphilic Graphene Composites. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9426-9429.	7.2	325
99	Growth of noble metal nanoparticles on single-layer TiS ₂ and TaS ₂ nanosheets for hydrogen evolution reaction. <i>Energy and Environmental Science</i> , 2014, 7, 797-803.	15.6	323
100	Single-Layer Transition Metal Dichalcogenide Nanosheet-Based Nanosensors for Rapid, Sensitive, and Multiplexed Detection of DNA. <i>Advanced Materials</i> , 2015, 27, 935-939.	11.1	322
101	MoS ₂ nanoflower-decorated reduced graphene oxide paper for high-performance hydrogen evolution reaction. <i>Nanoscale</i> , 2014, 6, 5624.	2.8	320
102	Epitaxial growth of hybrid nanostructures. <i>Nature Reviews Materials</i> , 2018, 3, .	23.3	318
103	Hybridization of MOFs and COFs: A New Strategy for Construction of MOF@COF Core-Shell Hybrid Materials. <i>Advanced Materials</i> , 2018, 30, 1705454.	11.1	318
104	Ultrathin S-doped MoSe ₂ nanosheets for efficient hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2014, 2, 5597-5601.	5.2	317
105	Two-dimensional nanomaterial-based field-effect transistors for chemical and biological sensing. <i>Chemical Society Reviews</i> , 2017, 46, 6872-6904.	18.7	316
106	Electrochemical energy storage devices for wearable technology: a rationale for materials selection and cell design. <i>Chemical Society Reviews</i> , 2018, 47, 5919-5945.	18.7	314
107	Group 6 transition metal dichalcogenide nanomaterials: synthesis, applications and future perspectives. <i>Nanoscale Horizons</i> , 2018, 3, 90-204.	4.1	309
108	Transparent, Flexible, All-Reduced Graphene Oxide Thin Film Transistors. <i>ACS Nano</i> , 2011, 5, 5038-5044.	7.3	305

#	ARTICLE	IF	CITATIONS
109	Novel structured transition metal dichalcogenide nanosheets. <i>Chemical Society Reviews</i> , 2018, 47, 3301-3338.	18.7	303
110	Non-volatile resistive memory devices based on solution-processed ultrathin two-dimensional nanomaterials. <i>Chemical Society Reviews</i> , 2015, 44, 2615-2628.	18.7	302
111	Interfacing Live Cells with Nanocarbon Substrates. <i>Langmuir</i> , 2010, 26, 2244-2247.	1.6	301
112	Rationally Designed Hierarchical TiO ₂ @Fe ₂ O ₃ Hollow Nanostructures for Improved Lithium Ion Storage. <i>Advanced Energy Materials</i> , 2013, 3, 737-743.	10.2	296
113	Carbon-Based Functional Materials Derived from Waste for Water Remediation and Energy Storage. <i>Advanced Materials</i> , 2017, 29, 1605361.	11.1	293
114	3D Graphene Foam as a Monolithic and Macroporous Carbon Electrode for Electrochemical Sensing. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 3129-3133.	4.0	292
115	Optical Identification of Single- and Few-Layer MoS ₂ Sheets. <i>Small</i> , 2012, 8, 682-686.	5.2	290
116	Metal Oxide-Coated Three-Dimensional Graphene Prepared by the Use of Metal-Organic Frameworks as Precursors. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1404-1409.	7.2	287
117	Covalency competition dominates the water oxidation structure-activity relationship on spinel oxides. <i>Nature Catalysis</i> , 2020, 3, 554-563.	16.1	284
118	Electrical Detection of Metal Ions Using Field-Effect Transistors Based on Micropatterned Reduced Graphene Oxide Films. <i>ACS Nano</i> , 2011, 5, 1990-1994.	7.3	279
119	Conjugated Polyelectrolyte-Functionalized Reduced Graphene Oxide with Excellent Solubility and Stability in Polar Solvents. <i>Small</i> , 2010, 6, 663-669.	5.2	278
120	Controllable Design of MoS ₂ Nanosheets Anchored on Nitrogen-Doped Graphene: Toward Fast Sodium Storage by Tunable Pseudocapacitance. <i>Advanced Materials</i> , 2018, 30, e1800658.	11.1	275
121	Evolution of disposable bamboo chopsticks into uniform carbon fibers: a smart strategy to fabricate sustainable anodes for Li-ion batteries. <i>Energy and Environmental Science</i> , 2014, 7, 2670-2679.	15.6	271
122	Highly Stable and Reversible Lithium Storage in SnO ₂ Nanowires Surface Coated with a Uniform Hollow Shell by Atomic Layer Deposition. <i>Nano Letters</i> , 2014, 14, 4852-4858.	4.5	269
123	Recent Progress on Two-Dimensional Materials. <i>Wuli Huaxue Xuebao/ Acta Physico-Chimica Sinica</i> , 2021, .	2.2	269
124	Au Nanoparticle-Modified MoS ₂ Nanosheet-Based Photoelectrochemical Cells for Water Splitting. <i>Small</i> , 2014, 10, 3537-3543.	5.2	265
125	Thermal Desorption Behavior and Binding Properties of DNA Bases and Nucleosides on Gold. <i>Journal of the American Chemical Society</i> , 2002, 124, 11248-11249.	6.6	264
126	High-Performance Flexible Solid-State Ni/Fe Battery Consisting of Metal Oxides Coated Carbon Cloth/Carbon Nanofiber Electrodes. <i>Advanced Energy Materials</i> , 2016, 6, 1601034.	10.2	262

#	ARTICLE	IF	CITATIONS
127	Ultrathin Ni(O) <i>Embedded</i> Ni(OH) ₂ Heterostructured Nanosheets with Enhanced Electrochemical Overall Water Splitting. <i>Advanced Materials</i> , 2020, 32, e1906915.	11.1	259
128	Synthesis and applications of graphene-based noble metal nanostructures. <i>Materials Today</i> , 2013, 16, 29-36.	8.3	257
129	Surface enhanced Raman scattering of Ag or Au nanoparticle-decorated reduced graphene oxide for detection of aromatic molecules. <i>Chemical Science</i> , 2011, 2, 1817.	3.7	249
130	Self-assembly of well-ordered whisker-like manganese oxide arrays on carbon fiber paper and its application as electrode material for supercapacitors. <i>Journal of Materials Chemistry</i> , 2012, 22, 8634.	6.7	249
131	Lithiation-induced amorphization of Pd ₃ P ₂ S ₈ for highly efficient hydrogen evolution. <i>Nature Catalysis</i> , 2018, 1, 460-468.	16.1	247
132	Bimetallic Pt-Au nanocatalysts electrochemically deposited on graphene and their electrocatalytic characteristics towards oxygen reduction and methanol oxidation. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 4083.	1.3	243
133	Ultrathin Two-Dimensional Multinary Layered Metal Chalcogenide Nanomaterials. <i>Advanced Materials</i> , 2017, 29, 1701392.	11.1	242
134	Nanoporous Walls on Macroporous Foam: Rational Design of Electrodes to Push Areal Pseudocapacitance. <i>Advanced Materials</i> , 2012, 24, 4186-4190.	11.1	239
135	MOF-Based Hierarchical Structures for Solar-Thermal Clean Water Production. <i>Advanced Materials</i> , 2019, 31, e1808249.	11.1	233
136	A Solution-Processed Hole Extraction Layer Made from Ultrathin MoS ₂ Nanosheets for Efficient Organic Solar Cells. <i>Advanced Energy Materials</i> , 2013, 3, 1262-1268.	10.2	231
137	Amorphous/Crystalline Hetero-Phase Pd Nanosheets: One-Pot Synthesis and Highly Selective Hydrogenation Reaction. <i>Advanced Materials</i> , 2018, 30, e1803234.	11.1	231
138	Engineering the Absorption and Field Enhancement Properties of Au-TiO ₂ Nanohybrids <i>via</i> Whispering Gallery Mode Resonances for Photocatalytic Water Splitting. <i>ACS Nano</i> , 2016, 10, 4496-4503.	7.3	230
139	Layer Thinning and Etching of Mechanically Exfoliated MoS ₂ Nanosheets by Thermal Annealing in Air. <i>Small</i> , 2013, 9, 3314-3319.	5.2	229
140	Core-shell carbon materials derived from metal-organic frameworks as an efficient oxygen bifunctional electrocatalyst. <i>Nano Energy</i> , 2016, 30, 368-378.	8.2	229
141	Cobalt oxide and N-doped carbon nanosheets derived from a single two-dimensional metal-organic framework precursor and their application in flexible asymmetric supercapacitors. <i>Nanoscale Horizons</i> , 2017, 2, 99-105.	4.1	227
142	Crystal phase-based epitaxial growth of hybrid noble metal nanostructures on 4H/fcc Au nanowires. <i>Nature Chemistry</i> , 2018, 10, 456-461.	6.6	220
143	Recent Progress in Graphene-Based Noble-Metal Nanocomposites for Electrocatalytic Applications. <i>Advanced Materials</i> , 2019, 31, e1800696.	11.1	219
144	Epitaxial Growth of Hetero-Nanostructures Based on Ultrathin Two-Dimensional Nanosheets. <i>Journal of the American Chemical Society</i> , 2015, 137, 12162-12174.	6.6	218

#	ARTICLE	IF	CITATIONS
145	Aptamer-Based Multicolor Fluorescent Gold Nanoprobes for Multiplex Detection in Homogeneous Solution. <i>Small</i> , 2010, 6, 201-204.	5.2	215
146	Bulk Heterojunction Polymer Memory Devices with Reduced Graphene Oxide as Electrodes. <i>ACS Nano</i> , 2010, 4, 3987-3992.	7.3	215
147	Stabilization of 4H hexagonal phase in gold nanoribbons. <i>Nature Communications</i> , 2015, 6, 7684.	5.8	215
148	High-Yield Exfoliation of Ultrathin Two-Dimensional Ternary Chalcogenide Nanosheets for Highly Sensitive and Selective Fluorescence DNA Sensors. <i>Journal of the American Chemical Society</i> , 2015, 137, 10430-10436.	6.6	214
149	Electron-Doping-Enhanced Trion Formation in Monolayer Molybdenum Disulfide Functionalized with Cesium Carbonate. <i>ACS Nano</i> , 2014, 8, 5323-5329.	7.3	211
150	Tubular TiC fibre nanostructures as supercapacitor electrode materials with stable cycling life and wide-temperature performance. <i>Energy and Environmental Science</i> , 2015, 8, 1559-1568.	15.6	210
151	Fabrication of Flexible, All-Reduced Graphene Oxide Non-Volatile Memory Devices. <i>Advanced Materials</i> , 2013, 25, 233-238.	11.1	207
152	Synthesis of Ultrathin PdCu Alloy Nanosheets Used as a Highly Efficient Electrocatalyst for Formic Acid Oxidation. <i>Advanced Materials</i> , 2017, 29, 1700769.	11.1	207
153	Recent Advances in Sensing Applications of Two-Dimensional Transition Metal Dichalcogenide Nanosheets and Their Composites. <i>Advanced Functional Materials</i> , 2017, 27, 1605817.	7.8	206
154	Ultrathin Two-Dimensional Organic-Inorganic Hybrid Perovskite Nanosheets with Bright, Tunable Photoluminescence and High Stability. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4252-4255.	7.2	206
155	2D nanomaterials: graphene and transition metal dichalcogenides. <i>Chemical Society Reviews</i> , 2018, 47, 3015-3017.	18.7	204
156	Surface-Charge-Mediated Formation of $\text{H}_2\text{TiO}_2 @ \text{Ni}(\text{OH})_2$ Heterostructures for High-Performance Supercapacitors. <i>Advanced Materials</i> , 2017, 29, 1604164.	11.1	203
157	Reduced Graphene Oxide-Templated Photochemical Synthesis and in situ Assembly of Au Nanodots to Orderly Patterned Au Nanodot Chains. <i>Small</i> , 2010, 6, 513-516.	5.2	202
158	All-Carbon Electronic Devices Fabricated by Directly Grown Single-Walled Carbon Nanotubes on Reduced Graphene Oxide Electrodes. <i>Advanced Materials</i> , 2010, 22, 3058-3061.	11.1	201
159	Plasmonic enhancement of photocurrent in MoS ₂ field-effect-transistor. <i>Applied Physics Letters</i> , 2013, 102, .	1.5	201
160	Thin metal nanostructures: synthesis, properties and applications. <i>Chemical Science</i> , 2015, 6, 95-111.	3.7	198
161	Few-Layer Graphdiyne Nanosheets Applied for Multiplexed Real-Time DNA Detection. <i>Advanced Materials</i> , 2017, 29, 1606755.	11.1	198
162	Controllable Growth of Conducting Polymers Shell for Constructing High-Quality Organic/Inorganic Core/Shell Nanostructures and Their Optical-Electrochemical Properties. <i>Nano Letters</i> , 2013, 13, 4562-4568.	4.5	197

#	ARTICLE	IF	CITATIONS
163	Amorphous TiO ₂ Buffer Layer Boosts Efficiency of Quantum Dot Sensitized Solar Cells to over 9%. <i>Chemistry of Materials</i> , 2015, 27, 8398-8405.	3.2	197
164	Cobalt Oxide Nanowall Arrays on Reduced Graphene Oxide Sheets with Controlled Phase, Grain Size, and Porosity for Li-Ion Battery Electrodes. <i>Journal of Physical Chemistry C</i> , 2011, 115, 8400-8406.	1.5	196
165	Carbon Microbelt Aerogel Prepared by Waste Paper: An Efficient and Recyclable Sorbent for Oils and Organic Solvents. <i>Small</i> , 2014, 10, 3544-3550.	5.2	196
166	Synthesis of 4H-fcc Noble Multimetallic Nanoribbons for Electrocatalytic Hydrogen Evolution Reaction. <i>Journal of the American Chemical Society</i> , 2016, 138, 1414-1419.	6.6	196
167	Surface modification-induced phase transformation of hexagonal close-packed gold square sheets. <i>Nature Communications</i> , 2015, 6, 6571.	5.8	195
168	A Universal, Rapid Method for Clean Transfer of Nanostructures onto Various Substrates. <i>ACS Nano</i> , 2014, 8, 6563-6570.	7.3	192
169	Label-free, electrochemical detection of methicillin-resistant staphylococcus aureus DNA with reduced graphene oxide-modified electrodes. <i>Biosensors and Bioelectronics</i> , 2011, 26, 3881-3886.	5.3	191
170	Real-time DNA detection using Pt nanoparticle-decorated reduced graphene oxide field-effect transistors. <i>Nanoscale</i> , 2012, 4, 293-297.	2.8	185
171	A Facile and Universal Top-Down Method for Preparation of Monodisperse Transition-Metal Dichalcogenide Nanodots. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5425-5428.	7.2	185
172	Ag@MoS ₂ Core-Shell Heterostructure as SERS Platform to Reveal the Hydrogen Evolution Active Sites of Single-Layer MoS ₂ . <i>Journal of the American Chemical Society</i> , 2020, 142, 7161-7167.	6.6	185
173	Hollow core-shell nanostructure supercapacitor electrodes: gap matters. <i>Energy and Environmental Science</i> , 2012, 5, 9085.	15.6	184
174	Fabrication of Graphene Nanomesh by Using an Anodic Aluminum Oxide Membrane as a Template. <i>Advanced Materials</i> , 2012, 24, 4138-4142.	11.1	183
175	Ultrasensitive 2D Bi ₂ O ₃ Se Phototransistors on Silicon Substrates. <i>Advanced Materials</i> , 2019, 31, e1804945.	11.1	183
176	Ethylene Selectivity in Electrocatalytic CO ₂ Reduction on Cu Nanomaterials: A Crystal Phase-Dependent Study. <i>Journal of the American Chemical Society</i> , 2020, 142, 12760-12766.	6.6	183
177	One-step growth of graphene-carbon nanotube hybrid materials by chemical vapor deposition. <i>Carbon</i> , 2011, 49, 2944-2949.	5.4	182
178	Enhanced Thermopower of Graphene Films with Oxygen Plasma Treatment. <i>ACS Nano</i> , 2011, 5, 2749-2755.	7.3	181
179	Template Synthesis of Noble Metal Nanocrystals with Unusual Crystal Structures and Their Catalytic Applications. <i>Accounts of Chemical Research</i> , 2016, 49, 2841-2850.	7.6	181
180	Tip-Enhanced Electric Field: A New Mechanism Promoting Mass Transfer in Oxygen Evolution Reactions. <i>Advanced Materials</i> , 2021, 33, e2007377.	11.1	179

#	ARTICLE	IF	CITATIONS
181	A facile, relative green, and inexpensive synthetic approach toward large-scale production of SnS ₂ nanoplates for high-performance lithium-ion batteries. <i>Nanoscale</i> , 2013, 5, 1456.	2.8	177
182	Controlled growth of high-density CdS and CdSe nanorod arrays on selective facets of two-dimensional semiconductor nanoplates. <i>Nature Chemistry</i> , 2016, 8, 470-475.	6.6	177
183	Nano-tungsten carbide decorated graphene as co-catalysts for enhanced hydrogen evolution on molybdenum disulfide. <i>Chemical Communications</i> , 2013, 49, 4884.	2.2	175
184	Two-dimensional transition metal dichalcogenide nanomaterials for biosensing applications. <i>Materials Chemistry Frontiers</i> , 2017, 1, 24-36.	3.2	173
185	Fabrication of Sub-50-nm Solid-State Nanostructures on the Basis of Dip-Pen Nanolithography. <i>Nano Letters</i> , 2003, 3, 43-45.	4.5	171
186	Emerging beyond-graphene elemental 2D materials for energy and catalysis applications. <i>Chemical Society Reviews</i> , 2021, 50, 10983-11031.	18.7	170
187	Carbon Counter-Electrode-Based Quantum-Dot-Sensitized Solar Cells with Certified Efficiency Exceeding 11%. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 3103-3111.	2.1	169
188	Improved Reversibility of Fe ³⁺ /Fe ⁴⁺ Redox Couple in Sodium Super Ion Conductor Type Na ₃ Fe ₂ (PO ₄) ₃ for Sodium-Ion Batteries. <i>Advanced Materials</i> , 2017, 29, 1605694.	11.1	169
189	Coating Two-Dimensional Nanomaterials with Metal-Organic Frameworks. <i>ACS Nano</i> , 2014, 8, 8695-8701.	7.3	168
190	Hydrophilic Nitrogen and Sulfur Co-doped Molybdenum Carbide Nanosheets for Electrochemical Hydrogen Evolution. <i>Small</i> , 2015, 11, 6278-6284.	5.2	168
191	Self-gating in semiconductor electrocatalysis. <i>Nature Materials</i> , 2019, 18, 1098-1104.	13.3	167
192	Carbon-Based Sorbents with Three-Dimensional Architectures for Water Remediation. <i>Small</i> , 2015, 11, 3319-3336.	5.2	166
193	TiO ₂ nanotube @ SnO ₂ nanoflake core-shell arrays for lithium-ion battery anode. <i>Nano Energy</i> , 2014, 4, 105-112.	8.2	165
194	Flexible carbon nanotube papers with improved thermoelectric properties. <i>Energy and Environmental Science</i> , 2012, 5, 5364-5369.	15.6	164
195	Multifunctional Architectures Constructing of PANI Nanoneedle Arrays on MoS ₂ Thin Nanosheets for High-Energy Supercapacitors. <i>Small</i> , 2015, 11, 4123-4129.	5.2	164
196	Ligand-Exchange-Induced Amorphization of Pd Nanomaterials for Highly Efficient Electrocatalytic Hydrogen Evolution Reaction. <i>Advanced Materials</i> , 2020, 32, e1902964.	11.1	164
197	Crystal Phase and Architecture Engineering of Lotus-Thalamus-Shaped Pt-Ni Anisotropic Superstructures for Highly Efficient Electrochemical Hydrogen Evolution. <i>Advanced Materials</i> , 2018, 30, e1801741.	11.1	163
198	Molten Salt-Directed Catalytic Synthesis of 2D Layered Transition-Metal Nitrides for Efficient Hydrogen Evolution. <i>Chem</i> , 2020, 6, 2382-2394.	5.8	163

#	ARTICLE	IF	CITATIONS
199	Electrochemical Deposition of Semiconductor Oxides on Reduced Graphene Oxide-Based Flexible, Transparent, and Conductive Electrodes. <i>Journal of Physical Chemistry C</i> , 2010, 114, 11816-11821.	1.5	159
200	Formation of monometallic Au and Pd and bimetallic Au@Pd nanoparticles confined in mesopores via Ar glow-discharge plasma reduction and their catalytic applications in aerobic oxidation of benzyl alcohol. <i>Journal of Catalysis</i> , 2012, 289, 105-117.	3.1	155
201	Surface Modification of Two-Dimensional Metal-Organic Layers Creates Biomimetic Catalytic Microenvironments for Selective Oxidation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9704-9709.	7.2	155
202	Engineering grain boundaries at the 2D limit for the hydrogen evolution reaction. <i>Nature Communications</i> , 2020, 11, 57.	5.8	153
203	VO ₂ nanoflake arrays for supercapacitor and Li-ion battery electrodes: performance enhancement by hydrogen molybdenum bronze as an efficient shell material. <i>Materials Horizons</i> , 2015, 2, 237-244.	6.4	152
204	Submonolayered Ru Deposited on Ultrathin Pd Nanosheets used for Enhanced Catalytic Applications. <i>Advanced Materials</i> , 2016, 28, 10282-10286.	11.1	148
205	Syntheses and Properties of Metal Nanomaterials with Novel Crystal Phases. <i>Advanced Materials</i> , 2018, 30, e1707189.	11.1	148
206	3D Carbon/Cobalt-Nickel Mixed Oxide Hybrid Nanostructured Arrays for Asymmetric Supercapacitors. <i>Small</i> , 2014, 10, 2937-2945.	5.2	146
207	In vitro degradation of chitosan by bacterial enzymes from rat cecal and colonic contents. <i>Biomaterials</i> , 2002, 23, 2761-2766.	5.7	145
208	Memory Devices Using a Mixture of MoS ₂ and Graphene Oxide as the Active Layer. <i>Small</i> , 2013, 9, 727-731.	5.2	144
209	High-Yield Synthesis of Crystal-Phase-Heterostructured 4H/fcc Au@Pd Core-Shell Nanorods for Electrocatalytic Ethanol Oxidation. <i>Advanced Materials</i> , 2017, 29, 1701331.	11.1	144
210	A Graphene-Conjugated Oligomer Hybrid Probe for Light-Up Sensing of Lectin and <i>Escherichia Coli</i> . <i>Advanced Materials</i> , 2011, 23, 4386-4391.	11.1	141
211	Novel Metal@Carbon Spheres Core-Shell Arrays by Controlled Self-Assembly of Carbon Nanospheres: A Stable and Flexible Supercapacitor Electrode. <i>Advanced Energy Materials</i> , 2015, 5, 1401709.	10.2	139
212	A Robust Hybrid Zn-Battery with Ultralong Cycle Life. <i>Nano Letters</i> , 2017, 17, 156-163.	4.5	138
213	Controlled Synthesis of Carbon-Coated Cobalt Sulfide Nanostructures in Oil Phase with Enhanced Li Storage Performances. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 2999-3006.	4.0	137
214	Graphene-Templated Synthesis of Ultrathin or Tadpole-Shaped Au Nanowires with Alternating hcp and fcc Domains. <i>Advanced Materials</i> , 2012, 24, 979-983.	11.1	135
215	Controlled synthesis of hierarchical graphene-wrapped TiO ₂ @Co ₃ O ₄ coaxial nanobelt arrays for high-performance lithium storage. <i>Journal of Materials Chemistry A</i> , 2013, 1, 273-281.	5.2	135
216	In-situ Spectroscopic Insight into the Origin of the Enhanced Performance of Bimetallic Nanocatalysts towards the Oxygen Reduction Reaction (ORR). <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16062-16066.	7.2	135

#	ARTICLE	IF	CITATIONS
217	Recent developments in 2D transition metal dichalcogenides: phase transition and applications of the (quasi-)metallic phases. <i>Chemical Society Reviews</i> , 2021, 50, 10087-10115.	18.7	135
218	Two-dimensional NiCo ₂ O ₄ nanosheet-coated three-dimensional graphene networks for high-rate, long-cycle-life supercapacitors. <i>Nanoscale</i> , 2015, 7, 7035-7039.	2.8	134
219	Enhancement of Photogenerated Electron Transport in Dye-Sensitized Solar Cells with Introduction of a Reduced Graphene Oxide-TiO ₂ Junction. <i>Chemistry - A European Journal</i> , 2011, 17, 10832-10837.	1.7	133
220	Preparation of MoS ₂ -MoO ₃ Hybrid Nanomaterials for Light-Emitting Diodes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12560-12565.	7.2	133
221	Supramolecular Polymerization Promoted In Situ Fabrication of Nitrogen-Doped Porous Graphene Sheets as Anode Materials for Li-Ion Batteries. <i>Advanced Energy Materials</i> , 2015, 5, 1500559.	10.2	133
222	Synthesis of PdM (M = Zn, Cd, ZnCd) Nanosheets with an Unconventional Face-Centered Tetragonal Phase as Highly Efficient Electrocatalysts for Ethanol Oxidation. <i>ACS Nano</i> , 2019, 13, 14329-14336.	7.3	133
223	Elucidation of the Kijanimicin Gene Cluster: Insights into the Biosynthesis of Spirotetronate Antibiotics and Nitrosugars. <i>Journal of the American Chemical Society</i> , 2007, 129, 14670-14683.	6.6	131
224	Synthesis of Fe ₃ O ₄ and Pt nanoparticles on reduced graphene oxide and their use as a recyclable catalyst. <i>Nanoscale</i> , 2012, 4, 2478.	2.8	131
225	Full Solution-Processed Synthesis of All Metal Oxide-Based Tree-Like Heterostructures on Fluorine-Doped Tin Oxide for Water Splitting. <i>Advanced Materials</i> , 2012, 24, 5374-5378.	11.1	131
226	An in vitro evaluation of a chitosan-containing multiparticulate system for macromolecule delivery to the colon. <i>International Journal of Pharmaceutics</i> , 2002, 239, 197-205.	2.6	130
227	Electroplating Cuprous Sulfide Counter Electrode for High-Efficiency Long-Term Stability Quantum Dot Sensitized Solar Cells. <i>Journal of Physical Chemistry C</i> , 2014, 118, 5683-5690.	1.5	130
228	Graphene oxide-gold nanoparticles hybrids-based surface plasmon resonance for sensitive detection of microRNA. <i>Biosensors and Bioelectronics</i> , 2016, 77, 1001-1007.	5.3	130
229	Rational Design of MOF-Based Hybrid Nanomaterials for Directly Harvesting Electric Energy from Water Evaporation. <i>Advanced Materials</i> , 2020, 32, e2003720.	11.1	129
230	Synthesis of Two-Dimensional Transition-Metal Phosphates with Highly Ordered Mesoporous Structures for Lithium-Ion Battery Applications. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9352-9355.	7.2	128
231	Novel Biological Functions of ZIF-NP as a Delivery Vehicle: High Pulmonary Accumulation, Favorable Biocompatibility, and Improved Therapeutic Outcome. <i>Advanced Functional Materials</i> , 2016, 26, 2715-2727.	7.8	128
232	Ionic liquid induced highly dense assembly of porphyrin in MOF nanosheets for photodynamic therapy. <i>Dalton Transactions</i> , 2020, 49, 17772-17778.	1.6	128
233	Revealing the Role of Interfacial Properties on Catalytic Behaviors by <i>in Situ</i> Surface-Enhanced Raman Spectroscopy. <i>Journal of the American Chemical Society</i> , 2017, 139, 10339-10346.	6.6	127
234	Benzoxazole and benzimidazole heterocycle-grafted graphene for high-performance supercapacitor electrodes. <i>Journal of Materials Chemistry</i> , 2012, 22, 23439.	6.7	126

#	ARTICLE	IF	CITATIONS
235	Forest of Gold Nanowires: A New Type of Nanocrystal Growth. <i>ACS Nano</i> , 2013, 7, 2733-2740.	7.3	126
236	Preparation of Single-Layer MoS ₂ and MoS ₂ /Se ₂ and MoS ₂ /W ₁ S ₂ Nanosheets with High Concentration Metallic 1T Phase. <i>Small</i> , 2016, 12, 1866-1874.	5.2	126
237	Postchemistry of Organic Particles: When TTF Microparticles Meet TCNQ Microstructures in Aqueous Solution. <i>Journal of the American Chemical Society</i> , 2010, 132, 6926-6928.	6.6	125
238	CNT/Ni hybrid nanostructured arrays: synthesis and application as high-performance electrode materials for pseudocapacitors. <i>Energy and Environmental Science</i> , 2011, 4, 5000.	15.6	125
239	Reduced graphene oxide films used as matrix of MALDI-TOF-MS for detection of octachlorodibenzo-p-dioxin. <i>Chemical Communications</i> , 2010, 46, 6974.	2.2	124
240	Self-Assembled Chiral Nanofibers from Ultrathin Low-Dimensional Nanomaterials. <i>Journal of the American Chemical Society</i> , 2015, 137, 1565-1571.	6.6	123
241	Confined Synthesis of 2D Nanostructured Materials toward Electrocatalysis. <i>Advanced Energy Materials</i> , 2020, 10, 1900486.	10.2	123
242	Synthesis, structure, and optoelectronic properties of a new twistacene 1,2,3,4,6,13-hexaphenyl-7,8,11,12-bisbenzo-pentacene. <i>Journal of Materials Chemistry</i> , 2010, 20, 8167.	6.7	121
243	Synthesis of Gold Square-like Plates from Ultrathin Gold Square Sheets: The Evolution of Structure Phase and Shape. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 12245-12248.	7.2	121
244	A general solid-state synthesis of chemically-doped fluorescent graphene quantum dots for bioimaging and optoelectronic applications. <i>Nanoscale</i> , 2015, 7, 10162-10169.	2.8	121
245	Hydrogen-Intercalation-Induced Lattice Expansion of Pd@Pt Core-Shell Nanoparticles for Highly Efficient Electrocatalytic Alcohol Oxidation. <i>Journal of the American Chemical Society</i> , 2021, 143, 11262-11270.	6.6	121
246	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, 12576-12580.	7.2	119
247	Recent advances of two-dimensional materials in smart drug delivery nano-systems. <i>Bioactive Materials</i> , 2020, 5, 1071-1086.	8.6	119
248	Metastable 1T ⁻² -phase group VIB transition metal dichalcogenide crystals. <i>Nature Materials</i> , 2021, 20, 1113-1120.	13.3	119
249	Crystal Structure and Phototransistor Behavior of N-Substituted Heptacene. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 1883-1886.	4.0	118
250	Copper-Based Ternary and Quaternary Semiconductor Nanoplates: Templated Synthesis, Characterization, and Photoelectrochemical Properties. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 8929-8933.	7.2	118
251	Edge Epitaxy of Two-Dimensional MoSe ₂ and MoS ₂ Nanosheets on One-Dimensional Nanowires. <i>Journal of the American Chemical Society</i> , 2017, 139, 8653-8660.	6.6	118
252	Investigation of MoS ₂ and Graphene Nanosheets by Magnetic Force Microscopy. <i>ACS Nano</i> , 2013, 7, 2842-2849.	7.3	117

#	ARTICLE	IF	CITATIONS
253	Preparation, characterization, and photoswitching/light-emitting behaviors of coronene nanowires. <i>Journal of Materials Chemistry</i> , 2011, 21, 1423-1427.	6.7	116
254	Gold Coating of Silver Nanoprisms. <i>Advanced Functional Materials</i> , 2012, 22, 849-854.	7.8	116
255	Synthesis of RuNi alloy nanostructures composed of multilayered nanosheets for highly efficient electrocatalytic hydrogen evolution. <i>Nano Energy</i> , 2019, 66, 104173.	8.2	116
256	Two-dimensional CuSe Nanosheets with Microscale Lateral Size: Synthesis and Template-assisted Phase Transformation. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5083-5087.	7.2	115
257	2D nanomaterials: beyond graphene and transition metal dichalcogenides. <i>Chemical Society Reviews</i> , 2018, 47, 6009-6012.	18.7	114
258	Multilayer Stacked Low-temperature-reduced Graphene Oxide Films: Preparation, Characterization, and Application in Polymer Memory Devices. <i>Small</i> , 2010, 6, 1536-1542.	5.2	113
259	MoS ₂ -coated vertical graphene nanosheet for high-performance rechargeable lithium-ion batteries and hydrogen production. <i>NPG Asia Materials</i> , 2016, 8, e268-e268.	3.8	113
260	Synthesis, Structure, and Physical Properties of 5,7,14,16-tetraphenyl-8,9,12,13-bisbenzo-hexatwistacene. <i>Chemistry - an Asian Journal</i> , 2012, 7, 561-564.	1.7	112
261	Synthesis of Ultrathin Face-centered cubic Au@Pt and Au@Pd Core-shell Nanoplates from Hexagonal-close-packed Au Square Sheets. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5672-5676.	7.2	111
262	Preparation of Superhydrophilic and Underwater Superoleophobic Nanofiber-based Meshes from Waste Glass for Multifunctional Oil/Water Separation. <i>Small</i> , 2017, 13, 1700391.	5.2	111
263	Phase-Selective Epitaxial Growth of Heterophase Nanostructures on Unconventional 2H-Pd Nanoparticles. <i>Journal of the American Chemical Society</i> , 2020, 142, 18971-18980.	6.6	111
264	Synthesis, Characterization, and Bipolar Transporting Behavior of a New Twisted Polycyclic Aromatic Hydrocarbon: 1,4-diphenyl-2,3-diphenyl-9,10-diphenyl-1,2,3,4,5,6-hexafluoro-7-methyl Carboxylate. <i>Journal of Materials Chemistry - A European Journal</i> , 2010, 16, 7422-7426.	1.0	110
265	Approaching a stable, green twisted heteroacene through a clean reaction strategy. <i>Chemical Communications</i> , 2012, 48, 5974.	2.2	110
266	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, 5067-5075.	2.8	109
267	Synergistic additive-mediated CVD growth and chemical modification of 2D materials. <i>Chemical Society Reviews</i> , 2019, 48, 4639-4654.	18.7	108
268	Length-dependent Conductance of Molecular Wires and Contact Resistance in Metal-Molecule-Metal Junctions. <i>ChemPhysChem</i> , 2008, 9, 1416-1424.	1.0	107
269	A novel surface plasmon resonance biosensor based on graphene oxide decorated with gold nanorod-antibody conjugates for determination of transferrin. <i>Biosensors and Bioelectronics</i> , 2013, 45, 230-236.	5.3	107
270	Three-dimensional Graphene Network Composites for Detection of Hydrogen Peroxide. <i>Small</i> , 2013, 9, 1703-1707.	5.2	107

#	ARTICLE	IF	CITATIONS
271	Controllable Synthesis of Atomically Thin Type-II Weyl Semimetal WTe_2 Nanosheets: An Advanced Electrode Material for All-Solid-State Flexible Supercapacitors. <i>Advanced Materials</i> , 2017, 29, 1701909.	11.1	107
272	CdS core-Au plasmonic satellites nanostructure enhanced photocatalytic hydrogen evolution reaction. <i>Nano Energy</i> , 2018, 49, 363-371.	8.2	107
273	DNA-Templated Silver Nanoclusters for Multiplexed Fluorescent DNA Detection. <i>Small</i> , 2015, 11, 1385-1389.	5.2	106
274	Ultrahigh Performance of Novel Capacitive Deionization Electrodes based on A Three-Dimensional Graphene Architecture with Nanopores. <i>Scientific Reports</i> , 2016, 6, 18966.	1.6	105
275	Self-branched Ti-MnO_2 heterojunction nanowires with enhanced pseudocapacitance. <i>Materials Horizons</i> , 2017, 4, 415-422.	6.4	105
276	Butterfly-Shaped Conjugated Oligoelectrolyte/Graphene Oxide Integrated Assay for Light-Up Visual Detection of Heparin. <i>Analytical Chemistry</i> , 2011, 83, 7849-7855.	3.2	104
277	The Molecular Basis of Distinct Aggregation Pathways of Islet Amyloid Polypeptide. <i>Journal of Biological Chemistry</i> , 2011, 286, 6291-6300.	1.6	104
278	Preparation of 1T-Phase ReS_2 $\text{Se}_{2(1-x)}$ ($x = 0 \sim 1$) Nanodots for Highly Efficient Electrocatalytic Hydrogen Evolution Reaction. <i>Journal of the American Chemical Society</i> , 2018, 140, 8563-8568.	6.6	104
279	Conformally deposited NiO on a hierarchical carbon support for high-power and durable asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2015, 3, 23283-23288.	5.2	103
280	Calcined layered double hydroxides/reduced graphene oxide composites with improved photocatalytic degradation of paracetamol and efficient oxidation-adsorption of As(III). <i>Applied Catalysis B: Environmental</i> , 2018, 225, 550-562.	10.8	103
281	Enhanced Lithium Storage Performance of CuO Nanowires by Coating of Graphene Quantum Dots. <i>Advanced Materials Interfaces</i> , 2015, 2, 1400499.	1.9	102
282	String of pyrolyzed ZIF-67 particles on carbon fibers for high-performance electrocatalysis. <i>Energy Storage Materials</i> , 2020, 25, 137-144.	9.5	102
283	In Situ Synthesis of Metal Sulfide Nanoparticles Based on 2D Metal-Organic Framework Nanosheets. <i>Small</i> , 2016, 12, 4669-4674.	5.2	101
284	Selective Epitaxial Growth of Oriented Hierarchical Metal-Organic Framework Heterostructures. <i>Journal of the American Chemical Society</i> , 2020, 142, 8953-8961.	6.6	100
285	DPN-Generated Nanostructures Made of Gold, Silver, and Palladium. <i>Chemistry of Materials</i> , 2004, 16, 1480-1484.	3.2	99
286	Direct 3D Printed Biomimetic Scaffolds Based on Hydrogel Microparticles for Cell Spheroid Growth. <i>Advanced Functional Materials</i> , 2020, 30, 1910573.	7.8	99
287	Aminosilane Micropatterns on Hydroxyl-Terminated Substrates: Fabrication and Applications. <i>Langmuir</i> , 2010, 26, 5603-5609.	1.6	98
288	Hierarchical TiO_2 nanobelts@ MnO_2 ultrathin nanoflakes core-shell array electrode materials for supercapacitors. <i>RSC Advances</i> , 2013, 3, 14413.	1.7	98

#	ARTICLE	IF	CITATIONS
289	Optimization of TiO ₂ photoanode films for highly efficient quantum dot-sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2014, 2, 13033.	5.2	98
290	Synthesis of Palladium-Based Crystalline@Amorphous Core-Shell Nanoplates for Highly Efficient Ethanol Oxidation. <i>Advanced Materials</i> , 2020, 32, e2000482.	11.1	98
291	Synthesis, properties and applications of one- and two-dimensional gold nanostructures. <i>Nano Research</i> , 2015, 8, 40-55.	5.8	97
292	Recent Methods for the Synthesis of Noble-Metal-Free Hydrogen-Evolution Electrocatalysts: From Nanoscale to Sub-nanoscale. <i>Small Methods</i> , 2017, 1, 1700118.	4.6	96
293	Synthesis, Characterization, and Physical Properties of a Conjugated Heteroacene: 2-Methyl-1,4,6,7,8,9-hexaphenylbenzo[<i>g</i>]isoquinolin-3(2 <i>H</i>)-one (BIQ). <i>Chemistry - an Asian Journal</i> , 2011, 6, 856-862.	1.7	95
294	Synthesis, Characterization, Self-Assembly, and Physical Properties of 11-Methylbenzo[<i>d</i>]pyreno[4,5- <i>b</i>]furan. <i>Organic Letters</i> , 2011, 13, 3004-3007.	2.4	94
295	Two-Dimensional Nanomaterials with Unconventional Phases. <i>CheM</i> , 2020, 6, 1237-1253.	5.8	93
296	Biofunctionalized nanoarrays of inorganic structures prepared by dip-pen nanolithography. <i>Nanotechnology</i> , 2003, 14, 1113-1117.	1.3	92
297	Shape-Controlled Micro/Nanostructures of 9,10-Diphenylanthracene (DPA) and Their Application in Light-Emitting Devices. <i>Journal of Physical Chemistry C</i> , 2011, 115, 7924-7927.	1.5	92
298	Chemical Reaction Between Ag Nanoparticles and TCNQ Microparticles in Aqueous Solution. <i>Small</i> , 2011, 7, 1242-1246.	5.2	92
299	Self-Assembly of Two-Dimensional Nanosheets into One-Dimensional Nanostructures. <i>CheM</i> , 2016, 1, 59-77.	5.8	92
300	Interfacial Interactions in van der Waals Heterostructures of MoS ₂ and Graphene. <i>ACS Nano</i> , 2017, 11, 11714-11723.	7.3	92
301	Heterophase fcc-2H-fcc gold nanorods. <i>Nature Communications</i> , 2020, 11, 3293.	5.8	92
302	Electrochemical deposition of Cl-doped n-type Cu ₂ O on reduced graphene oxide electrodes. <i>Journal of Materials Chemistry</i> , 2011, 21, 3467-3470.	6.7	91
303	Sn Nanoparticles Encapsulated in 3D Nanoporous Carbon Derived from a Metal-Organic Framework for Anode Material in Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 17172-17177.	4.0	89
304	Introduction: 2D Materials Chemistry. <i>Chemical Reviews</i> , 2018, 118, 6089-6090.	23.0	89
305	Fabrication of Polymer Nanocavities with Tailored Openings. <i>ACS Nano</i> , 2009, 3, 3469-3474.	7.3	88
306	Modulating electronic transport properties of MoS ₂ field effect transistor by surface overlayers. <i>Applied Physics Letters</i> , 2013, 103, .	1.5	88

#	ARTICLE	IF	CITATIONS
307	Liquid-Phase Epitaxial Growth of Two-Dimensional Semiconductor Hetero-nanostructures. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1841-1845.	7.2	88
308	Preparation of Au@Pd Core-Shell Nanorods with <i>fcc</i> -2H- <i>fcc</i> Heterophase for Highly Efficient Electrocatalytic Alcohol Oxidation. <i>Journal of the American Chemical Society</i> , 2022, 144, 547-555.	6.6	88
309	One-step synthesis of water-soluble AgInS ₂ and ZnS@AgInS ₂ composite nanocrystals and their photocatalytic activities. <i>Journal of Colloid and Interface Science</i> , 2012, 377, 27-33.	5.0	87
310	Dip Pen Nanolithography (DPN): process and instrument performance with Nanoink's Nscriptor system. <i>Ultramicroscopy</i> , 2005, 103, 117-132.	0.8	86
311	Co@Co ₃ O ₄ @PPD Core-Shell Nanoparticle-Based Composite as an Efficient Electrocatalyst for Oxygen Reduction Reaction. <i>Small</i> , 2016, 12, 2580-2587.	5.2	86
312	Integrated photoelectrochemical energy storage: solar hydrogen generation and supercapacitor. <i>Scientific Reports</i> , 2012, 2, 981.	1.6	85
313	Graphene Oxide as a Novel Nanoplatfom for Enhancement of Aggregation-Induced Emission of Silole Fluorophores. <i>Advanced Materials</i> , 2012, 24, 4191-4195.	11.1	85
314	High sensitivity surface plasmon resonance biosensor for detection of microRNA and small molecule based on graphene oxide-gold nanoparticles composites. <i>Talanta</i> , 2017, 174, 521-526.	2.9	85
315	The Dominant Energy Transport Pathway in Halide Perovskites: Photon Recycling or Carrier Diffusion?. <i>Advanced Energy Materials</i> , 2019, 9, 1900185.	10.2	85
316	Phase Engineering of Nanomaterials for Clean Energy and Catalytic Applications. <i>Advanced Energy Materials</i> , 2020, 10, 2002019.	10.2	85
317	Intramolecular Hydrogen Bonding-Based Topology Regulation of Two-Dimensional Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2020, 142, 13162-13169.	6.6	85
318	Ferroelectric-field accelerated charge transfer in 2D CuInP ₂ S ₆ heterostructure for enhanced photocatalytic H ₂ evolution. <i>Nano Energy</i> , 2020, 76, 104972.	8.2	84
319	Chemically Functionalized Surface Patterning. <i>Small</i> , 2011, 7, 2273-2289.	5.2	83
320	Ternary Chalcogenide Nanosheets with Ultrahigh Photothermal Conversion Efficiency for Photoacoustic Theranostics. <i>Small</i> , 2017, 13, 1604139.	5.2	83
321	Progressively Exposing Active Facets of 2D Nanosheets toward Enhanced Pseudocapacitive Response and High-Rate Sodium Storage. <i>Advanced Materials</i> , 2019, 31, e1900526.	11.1	83
322	Photochemically Controlled Synthesis of Anisotropic Au Nanostructures: Platelet-like Au Nanorods and Six-Star Au Nanoparticles. <i>ACS Nano</i> , 2010, 4, 6196-6202.	7.3	82
323	Facile preparation of hydrated vanadium pentoxide nanobelts based bulky paper as flexible binder-free cathodes for high-performance lithium ion batteries. <i>RSC Advances</i> , 2011, 1, 117.	1.7	82
324	Chemoselective Photodeoxidization of Graphene Oxide Using Sterically Hindered Amines as Catalyst: Synthesis and Applications. <i>ACS Nano</i> , 2012, 6, 3027-3033.	7.3	82

#	ARTICLE	IF	CITATIONS
325	Liquid-phase growth of platinum nanoparticles on molybdenum trioxide nanosheets: an enhanced catalyst with intrinsic peroxidase-like catalytic activity. <i>Nanoscale</i> , 2014, 6, 12340-12344.	2.8	82
326	Thiazole derivative-modified upconversion nanoparticles for Hg ²⁺ detection in living cells. <i>Nanoscale</i> , 2016, 8, 276-282.	2.8	82
327	Epitaxial growth of unusual 4H hexagonal Ir, Rh, Os, Ru and Cu nanostructures on 4H Au nanoribbons. <i>Chemical Science</i> , 2017, 8, 795-799.	3.7	81
328	Synergetic approach to achieve enhanced lithium ion storage performance in ternary phased SnO ₂ @Fe ₂ O ₃ /rGO composite nanostructures. <i>Journal of Materials Chemistry</i> , 2011, 21, 12770.	6.7	80
329	Kinetically Controlled Assembly of a Spirocyclic Aromatic Hydrocarbon into Polyhedral Micro/Nanocrystals. <i>ACS Nano</i> , 2012, 6, 5309-5319.	7.3	80
330	Synthesis of graphene-conjugated polymer nanocomposites for electronic device applications. <i>Nanoscale</i> , 2013, 5, 1440.	2.8	80
331	Chemically engineered graphene oxide as high performance cathode materials for Li-ion batteries. <i>Carbon</i> , 2014, 76, 148-154.	5.4	80
332	Synthesis of Hierarchical 4H/fcc Ru Nanotubes for Highly Efficient Hydrogen Evolution in Alkaline Media. <i>Small</i> , 2018, 14, e1801090.	5.2	80
333	Nanocomposites of Graphene Oxide and Upconversion Rare-Earth Nanocrystals with Superior Optical Limiting Performance. <i>Small</i> , 2012, 8, 2271-2276.	5.2	79
334	Fabrication of metal oxide nanobranches on atomic-layer-deposited TiO ₂ nanotube arrays and their application in energy storage. <i>Nanoscale</i> , 2013, 5, 6040.	2.8	79
335	Single-Layer Transition Metal Dichalcogenide Nanosheet-Assisted Assembly of Aggregation-Induced Emission Molecules to Form Organic Nanosheets with Enhanced Fluorescence. <i>Advanced Materials</i> , 2014, 26, 1735-1739.	11.1	77
336	Hierarchically porous three-dimensional electrodes of CoMoO ₄ and ZnCo ₂ O ₄ and their high anode performance for lithium ion batteries. <i>Nanoscale</i> , 2014, 6, 10556.	2.8	77
337	Porous nitrogen doped carbon foam with excellent resilience for self-supported oxygen reduction catalyst. <i>Carbon</i> , 2015, 95, 388-395.	5.4	77
338	Fabrication of nanoelectrode ensembles by electrodeposition of Au nanoparticles on single-layer graphene oxide sheets. <i>Nanoscale</i> , 2012, 4, 2728.	2.8	76
339	Scanning Probe Contact Printing. <i>Langmuir</i> , 2003, 19, 8951-8955.	1.6	75
340	Graphene Oxide as a Carbon Source for Controlled Growth of Carbon Nanowires. <i>Small</i> , 2011, 7, 1199-1202.	5.2	75
341	Comparative studies on single-layer reduced graphene oxide films obtained by electrochemical reduction and hydrazine vapor reduction. <i>Nanoscale Research Letters</i> , 2012, 7, 161.	3.1	75
342	A cyanine-modified upconversion nanoprobe for NIR-excited imaging of endogenous hydrogen peroxide signaling in vivo. <i>Biomaterials</i> , 2015, 54, 34-43.	5.7	75

#	ARTICLE	IF	CITATIONS
343	Aging amorphous/crystalline heterophase PdCu nanosheets for catalytic reactions. National Science Review, 2019, 6, 955-961.	4.6	75
344	Crystal Phase Control of Gold Nanomaterials by Wet-Chemical Synthesis. Accounts of Chemical Research, 2020, 53, 2106-2118.	7.6	75
345	Patterning Colloidal Metal Nanoparticles for Controlled Growth of Carbon Nanotubes. Advanced Materials, 2008, 20, 4873-4878.	11.1	74
346	Optical and electrical properties of two-dimensional palladium diselenide. Applied Physics Letters, 2019, 114, .	1.5	74
347	Facile fabrication of hierarchical ZnCo ₂ O ₄ /NiO core/shell nanowire arrays with improved lithium-ion battery performance. Nanoscale, 2014, 6, 6563-6568.	2.8	73
348	Heterostructured TiO ₂ Spheres with Tunable Interiors and Shells toward Improved Packing Density and Pseudocapacitive Sodium Storage. Advanced Materials, 2019, 31, e1904589.	11.1	73
349	Gold Nanoparticle-Embedded Polydimethylsiloxane Elastomers for Highly Sensitive Raman Detection. Small, 2012, 8, 1336-1340.	5.2	72
350	Quantum dot sensitized solar cells with efficiency up to 8.7% based on heavily copper-deficient copper selenide counter electrode. Nano Energy, 2016, 23, 60-69.	8.2	72
351	Facile synthesis of gold nanomaterials with unusual crystal structures. Nature Protocols, 2017, 12, 2367-2376.	5.5	72
352	Quest for p-Type Two-Dimensional Semiconductors. ACS Nano, 2019, 13, 12294-12300.	7.3	72
353	Properties of Single Dendrimer Molecules Studied by Atomic Force Microscopy. Langmuir, 2000, 16, 9009-9014.	1.6	71
354	A Universal Method for Preparation of Noble Metal Nanoparticle-Decorated Transition Metal Dichalcogenide Nanobelts. Advanced Materials, 2014, 26, 6250-6254.	11.1	71
355	Nanoparticle-coated PDMS elastomers for enhancement of Raman scattering. Chemical Communications, 2011, 47, 8560.	2.2	69
356	Nanolithography of Single-Layer Graphene Oxide Films by Atomic Force Microscopy. Langmuir, 2010, 26, 6164-6166.	1.6	68
357	A Novel Graphene-Polysulfide Anode Material for High-Performance Lithium-Ion Batteries. Scientific Reports, 2013, 3, 2341.	1.6	68
358	AuAg Nanosheets Assembled from Ultrathin AuAg Nanowires. Journal of the American Chemical Society, 2015, 137, 1444-1447.	6.6	68
359	Pressure-Induced Phase Engineering of Gold Nanostructures. Journal of the American Chemical Society, 2018, 140, 15783-15790.	6.6	68
360	Ambient mass spectrometry for food science and industry. TrAC - Trends in Analytical Chemistry, 2018, 107, 99-115.	5.8	68

#	ARTICLE	IF	CITATIONS
361	On-chip electrocatalytic microdevice: an emerging platform for expanding the insight into electrochemical processes. <i>Chemical Society Reviews</i> , 2020, 49, 2916-2936.	18.7	68
362	Ultrathin Amorphous/Crystalline Heterophase Rh and Rh Alloy Nanosheets as Tandem Catalysts for Direct Indole Synthesis. <i>Advanced Materials</i> , 2021, 33, e2006711.	11.1	68
363	Oriented Molecular Attachments Through Sol-Gel Chemistry for Synthesis of Ultrathin Hydrated Vanadium Pentoxide Nanosheets and Their Applications. <i>Small</i> , 2013, 9, 716-721.	5.2	67
364	Preparation of Weavable, All-Carbon Fibers for Non-Volatile Memory Devices. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13351-13355.	7.2	67
365	Kinetically-Driven Phase Transformation during Lithiation in Copper Sulfide Nanoflakes. <i>Nano Letters</i> , 2017, 17, 5726-5733.	4.5	67
366	Transformable masks for colloidal nanosynthesis. <i>Nature Communications</i> , 2018, 9, 563.	5.8	67
367	Binary-Phased Nanoparticles for Enhanced Thermoelectric Properties. <i>Advanced Materials</i> , 2009, 21, 3196-3200.	11.1	66
368	Surfactant-Free Sub-2 nm Ultrathin Triangular Gold Nanoframes. <i>Small</i> , 2013, 9, 2880-2886.	5.2	66
369	Self-Assembly of Polyphenylene Dendrimers into Micrometer Long Nanofibers: An Atomic Force Microscopy Study. <i>Langmuir</i> , 2002, 18, 2385-2391.	1.6	65
370	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.	5.2	65
371	Recent Progress in the Preparation, Assembly, Transformation, and Applications of Layer-Structured Nanodisks beyond Graphene. <i>Advanced Materials</i> , 2017, 29, 1701704.	11.1	65
372	Synthesis of Pd ₃ Sn and PdCuSn Nanorods with L1 ₂ Phase for Highly Efficient Electrocatalytic Ethanol Oxidation. <i>Advanced Materials</i> , 2022, 34, e2106115.	11.1	65
373	Highly efficient, stable and reproducible CdSe-sensitized solar cells using copper sulfide as counter electrodes. <i>Journal of Materials Chemistry A</i> , 2015, 3, 6557-6564.	5.2	64
374	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.	4.0	64
375	Evoking ordered vacancies in metallic nanostructures toward a vacated Barlow packing for high-performance hydrogen evolution. <i>Science Advances</i> , 2021, 7, .	4.7	64
376	Composition- and phase-controlled synthesis and applications of alloyed phase heterostructures of transition metal disulfides. <i>Nanoscale</i> , 2017, 9, 5102-5109.	2.8	63
377	Atomic-layer-deposited iron oxide on arrays of metal/carbon spheres and their application for electrocatalysis. <i>Nano Energy</i> , 2016, 20, 244-253.	8.2	62
378	High sensitivity surface plasmon resonance biosensor for detection of microRNA based on gold nanoparticles-decorated molybdenum sulfide. <i>Analytica Chimica Acta</i> , 2017, 993, 55-62.	2.6	62

#	ARTICLE	IF	CITATIONS
379	Dip Pen Nanolithography Stamp Tip. <i>Nano Letters</i> , 2004, 4, 1649-1655.	4.5	61
380	Atomic-Layer-Deposition-Assisted Formation of Carbon Nanoflakes on Metal Oxides and Energy Storage Application. <i>Small</i> , 2014, 10, 300-307.	5.2	60
381	Highly sensitive flexible tactile sensors based on microstructured multiwall carbon nanotube arrays. <i>Scripta Materialia</i> , 2017, 129, 61-64.	2.6	60
382	Mechanism Studies on the Superior Optical Limiting Observed in Graphene Oxide Covalently Functionalized with Upconversion $\text{NaYF}_4:\text{Yb}^{3+}/\text{Er}^{3+}$ Nanoparticles. <i>Small</i> , 2012, 8, 2163-2168.	5.2	59
383	Ordered Porous Pd Octahedra Covered with Monolayer Ru Atoms. <i>Journal of the American Chemical Society</i> , 2015, 137, 14566-14569.	6.6	59
384	Synthesis of $4\text{H}/\text{fcc}\text{-Au@M}$ (M = Ir, Os, IrOs) Core-Shell Nanoribbons For Electrocatalytic Oxygen Evolution Reaction. <i>Small</i> , 2016, 12, 3908-3913.	5.2	59
385	Preparation of Ultrathin Two-Dimensional $\text{Ti}_x\text{Ta}_y\text{S}_z\text{O}_z$ Nanosheets as Highly Efficient Photothermal Agents. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7842-7846.	7.2	59
386	Au@ZIF-8 Core-Shell Nanoparticles as a SERS Substrate for Volatile Organic Compound Gas Detection. <i>Analytical Chemistry</i> , 2021, 93, 7188-7195.	3.2	59
387	Seeded Synthesis of Unconventional 2H-Phase Pd Alloy Nanomaterials for Highly Efficient Oxygen Reduction. <i>Journal of the American Chemical Society</i> , 2021, 143, 17292-17299.	6.6	59
388	Highly Sensitive Naphthalene-Based Two-Photon Fluorescent Probe for in Situ Real-Time Bioimaging of Ultratrace Cyclooxygenase-2 in Living Biosystems. <i>Analytical Chemistry</i> , 2014, 86, 9131-9138.	3.2	58
389	Ru nanodendrites composed of ultrathin fcc/hcp nanoblades for the hydrogen evolution reaction in alkaline solutions. <i>Chemical Communications</i> , 2018, 54, 4613-4616.	2.2	58
390	High-Throughput Dip-Pen-Nanolithography-Based Fabrication of Si Nanostructures. <i>Small</i> , 2007, 3, 81-85.	5.2	57
391	Graphene Oxide Scrolls on Hydrophobic Substrates Fabricated by Molecular Combing and Their Application in Gas Sensing. <i>Small</i> , 2013, 9, 382-386.	5.2	57
392	Anodized Aluminum Oxide Templated Synthesis of Metal-Organic Frameworks Used as Membrane Reactors. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 578-581.	7.2	57
393	Unconventional-Phase Crystalline Materials Constructed from Multiscale Building Blocks. <i>Chemical Reviews</i> , 2021, 121, 5830-5888.	23.0	57
394	Nanopaper based on Ag/TiO_2 nanobelts heterostructure for continuous-flow photocatalytic treatment of liquid and gas phase pollutants. <i>Journal of Hazardous Materials</i> , 2011, 197, 19-25.	6.5	56
395	Template-Free Pseudomorphic Synthesis of Tungsten Carbide Nanorods. <i>Small</i> , 2012, 8, 3350-3356.	5.2	56
396	Preparation and applications of novel composites composed of metal-organic frameworks and two-dimensional materials. <i>Chemical Communications</i> , 2016, 52, 1555-1562.	2.2	56

#	ARTICLE	IF	CITATIONS
397	Selective Epitaxial Growth of Rh Nanorods on 2H/fcc Heterophase Au Nanosheets to Form 1D/2D Rh-Au Heterostructures for Highly Efficient Hydrogen Evolution. <i>Journal of the American Chemical Society</i> , 2021, 143, 4387-4396.	6.6	56
398	Electrochemical catalytic activity for the hydrogen oxidation of mesoporous WO ₃ and WO ₃ /C composites. <i>Journal of Materials Chemistry</i> , 2008, 18, 3575.	6.7	55
399	Fabrication of Core-Shell Structure of M@C (M=Se, Au, Ag ₂ Se) and Transformation to Yolk-Shell Structure by Electron Beam Irradiation or Vacuum Annealing. <i>Chemistry of Materials</i> , 2009, 21, 3848-3852.	3.2	55
400	Free-Standing Bimetallic Nanorings and Nanoring Arrays Made by On-Wire Lithography. <i>ACS Nano</i> , 2010, 4, 7676-7682.	7.3	55
401	Bottom-Up Preparation of Porous Metal-Oxide Ultrathin Sheets with Adjustable Composition/Phases and Their Applications. <i>Small</i> , 2011, 7, 3458-3464.	5.2	55
402	Triple-Layer (Au@Perylene)@Polyaniline Nanocomposite: Unconventional Growth of Faceted Organic Nanocrystals on Polycrystalline Au. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9898-9902.	7.2	55
403	A Review: The Bioactivities and Pharmacological Applications of <i>Phellinus linteus</i> . <i>Molecules</i> , 2019, 24, 1888.	1.7	55
404	In-Plane Anisotropic Properties of 1T-MoS ₂ Layers. <i>Advanced Materials</i> , 2019, 31, e1807764.	11.1	55
405	Synthesis of Open-Ended, Cylindrical Au-Ag Alloy Nanostructures on a Si/SiO _x Surface. <i>Nano Letters</i> , 2004, 4, 1493-1495.	4.5	54
406	Controlled Assembly of Gold Nanoparticles and Graphene Oxide Sheets on Dip Pen Nanolithography-Generated Templates. <i>Langmuir</i> , 2009, 25, 10455-10458.	1.6	54
407	An On-Nanoparticle Rolling-Circle Amplification Platform for Ultrasensitive Protein Detection in Biological Fluids. <i>Small</i> , 2010, 6, 2520-2525.	5.2	54
408	Optimization and evaluation of a thermoresponsive ophthalmic in situ gel containing curcumin-loaded albumin nanoparticles. <i>International Journal of Nanomedicine</i> , 2014, 9, 2517.	3.3	54
409	Graphene-Like Multilayered CuS Nanosheets Assembled into Flower-Like Microspheres and Their Electrocatalytic Oxygen Evolution Properties. <i>ChemElectroChem</i> , 2018, 5, 494-500.	1.7	53
410	A Method for Fabrication of Graphene Oxide Nanoribbons from Graphene Oxide Wrinkles. <i>Journal of Physical Chemistry C</i> , 2009, 113, 19119-19122.	1.5	52
411	A Novel Graphene Oxide-Based Surface Plasmon Resonance Biosensor for Immunoassay. <i>Small</i> , 2013, 9, 2537-2540.	5.2	52
412	Piezoelectricity in Two-Dimensional Materials. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4432-4434.	7.2	52
413	LÄ¶sungsprozessierte MoS ₂ -Nanoplättchen: Herstellung, Hybridisierung und Anwendungen. <i>Angewandte Chemie</i> , 2016, 128, 8960-8984.	1.6	52
414	Surface Rutilization of Anatase TiO ₂ Nanorods for Creation of Synergistically Bridging and Fencing Electron Highways. <i>Advanced Functional Materials</i> , 2016, 26, 456-465.	7.8	52

#	ARTICLE	IF	CITATIONS
415	Postchemistry of Inorganic-Organic Hybrid Particles in Aqueous Solution: Metal-Cation Exchange. Chemistry - an Asian Journal, 2011, 6, 1004-1006.	1.7	51
416	Intrinsically Conductive Perovskite Oxides with Enhanced Stability and Electrocatalytic Activity for Oxygen Reduction Reactions. ACS Catalysis, 2016, 6, 7865-7871.	5.5	51
417	Light-Tunable 1T-TaS ₂ Charge-Density-Wave Oscillators. ACS Nano, 2018, 12, 11203-11210.	7.3	51
418	Nucleation Mechanism of Electrochemical Deposition of Cu on Reduced Graphene Oxide Electrodes. Journal of Physical Chemistry C, 2011, 115, 15973-15979.	1.5	50
419	Electrochemical doping of three-dimensional graphene networks used as efficient electrocatalysts for oxygen reduction reaction. Nanoscale, 2015, 7, 9394-9398.	2.8	50
420	Controlling Reversible Elastic Deformation of Carbon Nanotube Rings. Journal of the American Chemical Society, 2011, 133, 9654-9657.	6.6	49
421	Direct Characterization of Bulk Samples by Internal Extractive Electrospray Ionization Mass Spectrometry. Scientific Reports, 2013, 3, 2495.	1.6	49
422	Graphene hydrogel-based counter electrode for high efficiency quantum dot-sensitized solar cells. Journal of Materials Chemistry A, 2017, 5, 1614-1622.	5.2	49
423	Organic-Dye-Modified Upconversion Nanoparticle as a Multichannel Probe To Detect Cu ²⁺ in Living Cells. ACS Applied Materials & Interfaces, 2018, 10, 1028-1032.	4.0	49
424	Realization of vertical metal semiconductor heterostructures via solution phase epitaxy. Nature Communications, 2018, 9, 3611.	5.8	49
425	Demonstration of High-Resolution Capability of Chemical Force Titration via Study of Acid/Base Properties of a Patterned Self-Assembled Monolayer. Langmuir, 2000, 16, 517-521.	1.6	48
426	Highly Efficient Zn-Cu-In-Se Quantum Dot-Sensitized Solar Cells through Surface Capping with Ascorbic Acid. ACS Applied Materials & Interfaces, 2019, 11, 6927-6936.	4.0	48
427	Preparation of fcc-Heterophase Pd@Ir Nanostructures for High-Performance Electrochemical Hydrogen Evolution. Advanced Materials, 2022, 34, e2107399.	11.1	48
428	Weavable, High-Performance, Solid-State Supercapacitors Based on Hybrid Fibers Made of Sandwiched Structure of MWCNT/rGO/MWCNT. Advanced Electronic Materials, 2016, 2, 1600102.	2.6	47
429	An isothermal electrochemical biosensor for the sensitive detection of microRNA based on a catalytic hairpin assembly and supersandwich amplification. Analyst, The, 2017, 142, 389-396.	1.7	47
430	Molecular-Level Design of Hierarchically Porous Carbons Codoped with Nitrogen and Phosphorus Capable of In Situ Self-Activation for Sustainable Energy Systems. Small, 2017, 13, 1602010.	5.2	47
431	Photochemical synthesis of ZnO@Au nanorods as an advanced reusable SERS substrate for ultrasensitive detection of light-resistant organic pollutant in wastewater. Talanta, 2019, 194, 680-688.	2.9	47
432	Optical Spectroscopy of Single Colloidal CsPbBr ₃ Perovskite Nanoplatelets. Nano Letters, 2020, 20, 3673-3680.	4.5	47

#	ARTICLE	IF	CITATIONS
433	Integrating carbon nanotubes and lipid bilayer for biosensing. <i>Biosensors and Bioelectronics</i> , 2010, 25, 1834-1837.	5.3	46
434	Electrochemical deposition of Pt nanoparticles on carbon nanotube patterns for glucose detection. <i>Analyst</i> , 2010, 135, 1726.	1.7	46
435	Preparation, characterization, physical properties, and photoconducting behaviour of anthracene derivative nanowires. <i>Nanoscale</i> , 2011, 3, 4720.	2.8	46
436	Free-standing one-dimensional plasmonic nanostructures. <i>Nanoscale</i> , 2012, 4, 66-75.	2.8	46
437	Transient Energy Reservoir in 2D Perovskites. <i>Advanced Optical Materials</i> , 2019, 7, 1900971.	3.6	46
438	Elemental Segregation in Multimetallic Core-Shell Nanoplates. <i>Journal of the American Chemical Society</i> , 2019, 141, 14496-14500.	6.6	46
439	Undercoordinated Active Sites on 4H Gold Nanostructures for CO ₂ Reduction. <i>Nano Letters</i> , 2020, 20, 8074-8080.	4.5	46
440	Preparation and application of novel nanocomposites of magnetic-Au nanorod in SPR biosensor. <i>Biosensors and Bioelectronics</i> , 2012, 34, 137-143.	5.3	45
441	Transforming Monolayer Transition-Metal Dichalcogenide Nanosheets into One-Dimensional Nanoscrolls with High Photosensitivity. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 13011-13018.	4.0	45
442	On-Tissue Derivatization with Girard's Reagent P Enhances N-Glycan Signals for Formalin-Fixed Paraffin-Embedded Tissue Sections in MALDI Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , 2020, 92, 13361-13368.	3.2	45
443	Advances in the extraction, purification, structural-property relationships and bioactive molecular mechanism of <i>Flammulina velutipes</i> polysaccharides: A review. <i>International Journal of Biological Macromolecules</i> , 2021, 167, 528-538.	3.6	45
444	Redox-crosslinked graphene networks with enhanced electrochemical capacitance. <i>Journal of Materials Chemistry A</i> , 2014, 2, 12924.	5.2	44
445	Synthesis of 4H/fcc-Au@Metal Sulfide Core-Shell Nanoribbons. <i>Journal of the American Chemical Society</i> , 2015, 137, 10910-10913.	6.6	44
446	Enhancing sensitivity of surface plasmon resonance biosensor by Ag nanocubes/chitosan composite for the detection of mouse IgG. <i>Talanta</i> , 2016, 146, 364-368.	2.9	44
447	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.	5.8	44
448	High-density metallic nanogaps fabricated on solid substrates used for surface enhanced Raman scattering. <i>Nanoscale</i> , 2012, 4, 860-863.	2.8	43
449	Triangular Ag-Pd alloy nanoprisms: rational synthesis with high-efficiency for electrocatalytic oxygen reduction. <i>Nanoscale</i> , 2014, 6, 11738-11743.	2.8	43
450	Synthesis and structure of two-dimensional transition-metal dichalcogenides. <i>MRS Bulletin</i> , 2015, 40, 566-576.	1.7	43

#	ARTICLE	IF	CITATIONS
451	Controlled Growth of Peptide Nanoarrays on Si/SiO ₂ Substrates. <i>Small</i> , 2008, 4, 1324-1328.	5.2	42
452	Conversion of Sb ₂ Te ₃ Hexagonal Nanoplates into Three-Dimensional Porous Single-Crystal-Like Network-Structured Te Plates Using Oxygen and Tartaric Acid. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1459-1463.	7.2	42
453	Hybrid Flexible Resistive Random Access Memory-Gated Transistor for Novel Nonvolatile Data Storage. <i>Small</i> , 2016, 12, 390-396.	5.2	42
454	Crystal phase control in two-dimensional materials. <i>Science China Chemistry</i> , 2018, 61, 1227-1242.	4.2	42
455	Wet-chemical synthesis of two-dimensional metal nanomaterials for electrocatalysis. <i>National Science Review</i> , 2022, 9, nwab142.	4.6	41
456	Isoreticular Series of Two-Dimensional Covalent Organic Frameworks with the kgd Topology and Controllable Micropores. <i>Journal of the American Chemical Society</i> , 2022, 144, 6475-6482.	6.6	41
457	Solution-Processed Nanocrystalline TiO ₂ Buffer Layer Used for Improving the Performance of Organic Photovoltaics. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 1063-1067.	4.0	40
458	Direct Assessment of Phytochemicals Inherent in Plant Tissues Using Extractive Electrospray Ionization Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 10691-10698.	2.4	40
459	Preparation of graphene oxide-based surface plasmon resonance biosensor with Au bipyramid nanoparticles as sensitivity enhancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 116, 211-218.	2.5	39
460	Surface Modification of Smooth Poly(L-lactic acid) Films for Gelatin Immobilization. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 687-693.	4.0	38
461	Ultra-thin metal-organic framework nanoribbons. <i>National Science Review</i> , 2020, 7, 46-52.	4.6	38
462	Ultrathin 2D Copper(I) 1,2,4-Triazolate Coordination Polymer Nanosheets for Efficient and Selective Gene Silencing and Photodynamic Therapy. <i>Advanced Materials</i> , 2021, 33, e2100849.	11.1	38
463	Quantification of 1-hydroxypyrene in undiluted human urine samples using magnetic solid-phase extraction coupled with internal extractive electrospray ionization mass spectrometry. <i>Analytica Chimica Acta</i> , 2016, 926, 72-78.	2.6	37
464	Dreidimensionale Architekturen aus Übergangsmetall-Dichalkogenid-Nanomaterialien zur elektrochemischen Energiespeicherung und -umwandlung. <i>Angewandte Chemie</i> , 2018, 130, 634-655.	1.6	37
465	Wet-Chemical Synthesis and Applications of Semiconductor Nanomaterial-Based Epitaxial Heterostructures. <i>Nano-Micro Letters</i> , 2019, 11, 86.	14.4	37
466	A pyrazolate-bridged cyclic tetranuclear copper(II) complex: synthesis, crystal structure and magnetic properties. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996, , 3799.	1.1	36
467	Force titration of amino group-terminated self-assembled monolayers of 4-aminothiophenol on gold using chemical force microscopy. <i>Thin Solid Films</i> , 1998, 327-329, 778-780.	0.8	36
468	Assembly of Graphene Oxide and Au _{0.7} Ag _{0.3} Alloy Nanoparticles on SiO ₂ : A New Raman Substrate with Ultrahigh Signal-to-Background Ratio. <i>Journal of Physical Chemistry C</i> , 2011, 115, 24080-24084.	1.5	36

#	ARTICLE	IF	CITATIONS
469	A versatile strategy to the selective synthesis of Cu nanocrystals and the in situ conversion to CuRu nanotubes. <i>Nanoscale</i> , 2013, 5, 6284.	2.8	36
470	Preservation of Lattice Orientation in Coalescing Imperfectly Aligned Gold Nanowires by a Zipper Mechanism. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6019-6023.	7.2	36
471	A carbon monoxide gas sensor using oxygen plasma modified carbon nanotubes. <i>Nanotechnology</i> , 2012, 23, 425502.	1.3	35
472	Topotactically Grown Bismuth Sulfide Network Film on Substrate as Low-Cost Counter Electrodes for Quantum Dot-Sensitized Solar Cells. <i>Journal of Physical Chemistry C</i> , 2014, 118, 16602-16610.	1.5	35
473	Reduced graphene oxide modified with hierarchical flower-like In(OH) ₃ for NO ₂ room-temperature sensing. <i>Sensors and Actuators B: Chemical</i> , 2015, 214, 36-42.	4.0	35
474	Construction of pure worm-like AuAg nanochains for ultrasensitive SERS detection of pesticide residues on apple surfaces. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 209, 241-247.	2.0	35
475	Highly Efficient and Stable Hydrogen Production in All pH Range by Two-Dimensional Structured Metal-Doped Tungsten Semicarbides. <i>Research</i> , 2019, 2019, 4029516.	2.8	35
476	Theoretical Investigation on the Thermal Stability of Hollow Gold Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2009, 113, 20193-20197.	1.5	34
477	Controlled growth of single-walled carbon nanotubes on patterned substrates. <i>Chemical Society Reviews</i> , 2011, 40, 5221.	18.7	34
478	Quantification of Trace Organophosphorus Pesticides in Environmental Water via Enrichment by Magnetic-Zirconia Nanocomposites and Online Extractive Electrospray Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2020, 92, 4137-4145.	3.2	34
479	Hierarchical protonated titanate nanostructures for lithium-ion batteries. <i>Nanoscale</i> , 2011, 3, 4074.	2.8	33
480	Synthesis of Porous Amorphous FePO ₄ Nanotubes and Their Lithium Storage Properties. <i>Chemistry - A European Journal</i> , 2013, 19, 1568-1572.	1.7	33
481	Molecular Characterization of Ongoing Enzymatic Reactions in Raw Garlic Cloves Using Extractive Electrospray Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2015, 87, 2878-2883.	3.2	33
482	Investigation of Thermally Induced Cellular Ablation and Heat Response Triggered by Planar MoS ₂ -Based Nanocomposite. <i>Bioconjugate Chemistry</i> , 2017, 28, 1059-1067.	1.8	33
483	Simultaneous determination of paracetamol and p-aminophenol using glassy carbon electrode modified with nitrogen- and sulfur- co-doped carbon dots. <i>Mikrochimica Acta</i> , 2019, 186, 733.	2.5	33
484	A universal method for rapid and large-scale growth of layered crystals. <i>SmartMat</i> , 2020, 1, e1011.	6.4	33
485	Polyphenylene Dendrimer-Templated In Situ Construction of Inorganic-Organic Hybrid Rice-Shaped Architectures. <i>Advanced Functional Materials</i> , 2010, 20, 43-49.	7.8	32
486	Nanohybridization of ferrocene clusters and reduced graphene oxides with enhanced lithium storage capability. <i>Chemical Communications</i> , 2011, 47, 10383.	2.2	32

#	ARTICLE	IF	CITATIONS
487	Crystal phase-controlled growth of PtCu and PtCo alloys on 4H Au nanoribbons for electrocatalytic ethanol oxidation reaction. <i>Nano Research</i> , 2020, 13, 1970-1975.	5.8	32
488	Quantification and molecular imaging of fatty acid isomers from complex biological samples by mass spectrometry. <i>Chemical Science</i> , 2021, 12, 8115-8122.	3.7	32
489	Discrimination of Dendrimer Aggregates on Mica Based on Adhesion Force: A Pulsed Force Mode Atomic Force Microscopy Study. <i>Langmuir</i> , 2000, 16, 9294-9298.	1.6	31
490	Metal-layer-assisted coalescence of Au nanoparticles and its effect on diameter control in vapor-liquid-solid growth of oxide nanowires. <i>Physical Review B</i> , 2011, 83, .	1.1	31
491	Surface-Enhanced Raman Scattering of Ag@Au Nanodisk Heterodimers. <i>Journal of Physical Chemistry C</i> , 2012, 116, 10390-10395.	1.5	31
492	A 2.0 V capacitive device derived from shape-preserved metal nitride nanorods. <i>Nano Energy</i> , 2016, 26, 1-6.	8.2	31
493	Biomimetic epidermal sensors assembled from polydopamine-modified reduced graphene oxide/polyvinyl alcohol hydrogels for the real-time monitoring of human motions. <i>Journal of Materials Chemistry B</i> , 2020, 8, 10549-10558.	2.9	31
494	Enhanced wavelength modulation SPR biosensor based on gold nanorods for immunoglobulin detection. <i>Talanta</i> , 2013, 115, 857-862.	2.9	30
495	A general and facile method for preparation of large-scale reduced graphene oxide films with controlled structures. <i>Carbon</i> , 2019, 143, 162-171.	5.4	30
496	Thermal Effect and Rayleigh Instability of Ultrathin 4H Hexagonal Gold Nanoribbons. <i>Matter</i> , 2020, 2, 658-665.	5.0	30
497	Room-Temperature Valley Polarization in Atomically Thin Semiconductors <i>via</i> Chalcogenide Alloying. <i>ACS Nano</i> , 2020, 14, 9873-9883.	7.3	30
498	Novel SPR biosensors based on metal nanoparticles decorated with graphene for immunoassay. <i>Sensors and Actuators B: Chemical</i> , 2013, 188, 548-554.	4.0	29
499	Studies of gold nanorod-iron oxide nanohybrids for immunoassay based on SPR biosensor. <i>Talanta</i> , 2014, 125, 29-35.	2.9	29
500	Synthesis of Porous, Hollow Metal MCO ₃ (M=Mn, Co, Ca) Microstructures and Adsorption Properties Thereof. <i>Chemistry - A European Journal</i> , 2014, 20, 421-425.	1.7	29
501	Single-Layer Ternary Chalcogenide Nanosheet as a Fluorescence-Based "Capture-Release" Biomolecular Nanosensor. <i>Small</i> , 2017, 13, 1601925.	5.2	29
502	Nanodots Derived from Layered Materials: Synthesis and Applications. <i>Advanced Materials</i> , 2021, 33, e2006661.	11.1	29
503	Preparation of Amorphous SnO ₂ -Encapsulated Multiphased Crystalline Cu Heterostructures for Highly Efficient CO ₂ Reduction. <i>Advanced Materials</i> , 2022, 34, e2201114.	11.1	29
504	Two-dimensional molybdenum disulphide nanosheet-covered metal nanoparticle array as a floating gate in multi-functional flash memories. <i>Nanoscale</i> , 2015, 7, 17496-17503.	2.8	28

#	ARTICLE	IF	CITATIONS
505	Optical fiber amplifier for quantitative and sensitive point-of-care testing of myoglobin and miRNA-141. <i>Biosensors and Bioelectronics</i> , 2019, 129, 87-92.	5.3	28
506	Transition metal dichalcogenide/multi-walled carbon nanotube-based fibers as flexible electrodes for electrocatalytic hydrogen evolution. <i>Chemical Communications</i> , 2020, 56, 5131-5134.	2.2	28
507	Ultra-clean PtPd nanoflowers loaded on GO supports with enhanced low-temperature electrocatalytic activity for fuel cells in harsh environment. <i>Applied Surface Science</i> , 2020, 511, 145603.	3.1	28
508	In situ studies of energy-related electrochemical reactions using Raman and X-ray absorption spectroscopy. <i>Chinese Journal of Catalysis</i> , 2022, 43, 33-46.	6.9	28
509	Green Pea (<i>Pisum sativum</i> L.) Hull Polyphenol Extracts Ameliorate DSS-Induced Colitis through Keap1/Nrf2 Pathway and Gut Microbiota Modulation. <i>Foods</i> , 2021, 10, 2765.	1.9	28
510	Vi Antigen Biosynthesis in <i>Salmonella typhi</i> : Characterization of UDP-N-acetylglucosamine C-6 Dehydrogenase (TviB) and UDP-N-acetylglucosaminuronic Acid C-4 Epimerase (TviC). <i>Biochemistry</i> , 2006, 45, 8163-8173.	1.2	27
511	Electrochemically "Writing" Graphene from Graphene Oxide. <i>Small</i> , 2014, 10, 3555-3559.	5.2	27
512	Enhancing the sensing specificity of a MoS ₂ nanosheet-based FRET aptasensor using a surface blocking strategy. <i>Analyst</i> , 2017, 142, 2570-2577.	1.7	27
513	Preparation of graphene-MoS ₂ hybrid aerogels as multifunctional sorbents for water remediation. <i>Science China Materials</i> , 2017, 60, 1102-1108.	3.5	27
514	Engineering channels of metal-organic frameworks to enhance catalytic selectivity. <i>Chemical Communications</i> , 2019, 55, 11770-11773.	2.2	27
515	Metal Oxide Semiconductor Sensors for Triethylamine Detection: Sensing Performance and Improvements. <i>Chemosensors</i> , 2022, 10, 231.	1.8	27
516	Controlled Sulfidation Approach for Copper Sulfide-Carbon Hybrid as an Effective Counter Electrode in Quantum-Dot-Sensitized Solar Cells. <i>Journal of Physical Chemistry C</i> , 2016, 120, 16500-16506.	1.5	26
517	Cuprous sulfide on Ni foam as a counter electrode for flexible quantum dot sensitized solar cells. <i>Journal of Materials Chemistry A</i> , 2016, 4, 11754-11761.	5.2	26
518	Hybridization of 2D Nanomaterials with 3D Graphene Architectures for Electrochemical Energy Storage and Conversion. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	26
519	Facile "Needle-Scratching" Method for Fast Catalyst Patterns Used for Large-Scale Growth of Densely Aligned Single-Walled Carbon Nanotube Arrays. <i>Small</i> , 2009, 5, 2061-2065.	5.2	25
520	Synergism of interparticle electrostatic repulsion modulation and heat-induced fusion: a generalized one-step approach to porous network-like noble metals and their alloy nanostructures. <i>Journal of Materials Chemistry</i> , 2012, 22, 349-354.	6.7	25
521	Induced Coiling Action: Exploring the Intrinsic Defects in Five-Fold Twinned Silver Nanowires. <i>ACS Nano</i> , 2012, 6, 6033-6039.	7.3	25
522	Inhibitory effects of cytochrome P450 enzymes CYP1A2, CYP2A6, CYP2E1 and CYP3A4 by extracts and alkaloids of <i>Gelsemium elegans</i> roots. <i>Journal of Ethnopharmacology</i> , 2015, 166, 66-73.	2.0	25

#	ARTICLE	IF	CITATIONS
523	Câ€quadruplex Nanowires To Direct the Efficiency and Selectivity of Electrocatalytic CO ₂ Reduction. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12453-12457.	7.2	25
524	Unusual 4H-phase twinned noble metal nanokites. <i>Nature Communications</i> , 2019, 10, 2881.	5.8	25
525	Two-dimensional C ₆₀ nano-meshes <i>via</i> crystal transformation. <i>Nanoscale</i> , 2019, 11, 8692-8698.	2.8	25
526	Zn-Ag-In-S quantum dot sensitized solar cells with enhanced efficiency by tuning defects. <i>Journal of Colloid and Interface Science</i> , 2019, 547, 267-274.	5.0	25
527	<i>SmartMat</i> : Smart materials to Smart world. <i>SmartMat</i> , 2020, 1, .	6.4	25
528	Recyclable Hydrophilic~Hydrophobic Micropatterns on Glass for Microarray Applications. <i>Langmuir</i> , 2007, 23, 4728-4731.	1.6	24
529	A BRIEF REVIEW ON GRAPHENE-NANOPARTICLE COMPOSITES. <i>Cosmos</i> , 2010, 06, 159-166.	0.4	24
530	Nanoscaleâ€Controlled Enzymatic Degradation of Poly(L-lactic acid) Films Using Diphenyl Nanolithography. <i>Small</i> , 2011, 7, 226-229.	5.2	24
531	Oneâ€Pot Encapsulation of Luminescent Quantum Dots Synthesized in Aqueous Solution by Amphiphilic Polymers. <i>Small</i> , 2011, 7, 1456-1463.	5.2	24
532	Enhanced Optical Nonlinearity in Noncovalently Functionalized Amphiphilic Graphene Composites. <i>ChemPlusChem</i> , 2012, 77, 688-693.	1.3	24
533	Linearly Polarized Luminescence of Atomically Thin MoS ₂ Semiconductor Nanocrystals. <i>ACS Nano</i> , 2019, 13, 13006-13014.	7.3	24
534	In Situ Raman Probing of Hotâ€Electron Transfer at Goldâ€Graphene Interfaces with Atomic Layer Accuracy. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	24
535	Charge injection at carbon nanotube-SiO ₂ interface. <i>Applied Physics Letters</i> , 2008, 93, 093509.	1.5	23
536	Growth of dandelion-shaped CuInSe ₂ nanostructures by a two-step solvothermal process. <i>Nanotechnology</i> , 2011, 22, 195607.	1.3	23
537	Gold Nanotip Array for Ultrasensitive Electrochemical Sensing and Spectroscopic Monitoring. <i>Small</i> , 2013, 9, 2260-2265.	5.2	23
538	Amplified detection of femtomolar DNA based on a one-to-few recognition reaction between DNAâ€Au conjugate and target DNA. <i>Nanoscale</i> , 2014, 6, 3110.	2.8	23
539	Graphene Oxide Architectures Prepared by Molecular Combing on Hydrophilicâ€Hydrophobic Micropatterns. <i>Small</i> , 2014, 10, 2239-2244.	5.2	23
540	A highly sensitive SPR biosensor based on a graphene oxide sheet modified with gold bipyramids, and its application to an immunoassay for rabbit IgG. <i>Mikrochimica Acta</i> , 2015, 182, 1739-1746.	2.5	23

#	ARTICLE	IF	CITATIONS
541	Enhanced solar water-splitting activity of novel nanostructured Fe ₂ TiO ₅ photoanode by electro spray and surface F-modification. <i>Nanoscale</i> , 2018, 10, 6678-6683.	2.8	23
542	Electrostatic Force-Driven Oxide Heteroepitaxy for Interface Control. <i>Advanced Materials</i> , 2018, 30, e1707017.	11.1	23
543	Defect-Rich, Canted Haws-Shaped AuPtNi Alloy Nanostructures for Highly Efficient Electrocatalysis. <i>CCS Chemistry</i> , 2020, 2, 24-30.	4.6	23
544	Probing Carboxylic Acid Groups in Replaced and Mixed Self-Assembled Monolayers by Individual Ionized Dendrimer Molecules: An Atomic Force Microscopy Study. <i>Langmuir</i> , 2002, 18, 1801-1810.	1.6	22
545	In Situ Modification of Three-Dimensional Polyphenylene Dendrimer-Templated CuO Rice-Shaped Architectures with Electron Beam Irradiation. <i>Journal of Physical Chemistry C</i> , 2010, 114, 13465-13470.	1.5	22
546	Rational Synthesis of Triangular Au-Ag ₂ S Hybrid Nanoframes with Effective Photoresponses. <i>Chemistry - A European Journal</i> , 2014, 20, 2742-2745.	1.7	22
547	Optimizing the deposition of CdSe colloidal quantum dots on TiO ₂ film electrode via capping ligand induced self-assembly approach. <i>RSC Advances</i> , 2015, 5, 86023-86030.	1.7	22
548	Graphene quantum dots assisted photovoltage and efficiency enhancement in CdSe quantum dot sensitized solar cells. <i>Journal of Energy Chemistry</i> , 2015, 24, 722-728.	7.1	22
549	Selective Enrichment of Phosphopeptides and Phospholipids from Biological Matrixes on TiO ₂ Nanowire Arrays for Direct Molecular Characterization by Internal Extractive Electro spray Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2018, 90, 12101-12107.	3.2	22
550	Precise Dimerization of Hollow Fullerene Compartments. <i>Journal of the American Chemical Society</i> , 2020, 142, 15396-15402.	6.6	22
551	<i>In-Situ</i> Probing of Crystal-Phase-Dependent Photocatalytic Activities of Au Nanostructures by Surface-Enhanced Raman Spectroscopy. , 2020, 2, 409-414.		22
552	Impeding Catalyst Sulfur Poisoning in Aqueous Solution by Metal-Organic Framework Composites. <i>Small Methods</i> , 2020, 4, 1900890.	4.6	22
553	Specific functionalization of CTAB stabilized anisotropic gold nanoparticles with polypeptides for folding-mediated self-assembly. <i>Journal of Materials Chemistry</i> , 2012, 22, 20368.	6.7	21
554	A Highly Sensitive Electrochemical Platform for the Assay of Uracil-DNA Glycosylase Activity Combined with Enzymatic Amplification. <i>Analytical Sciences</i> , 2013, 29, 193-198.	0.8	21
555	Encapsulation of nanoscale metal oxides into an ultra-thin Ni matrix for superior Li-ion batteries: a versatile strategy. <i>Nanoscale</i> , 2014, 6, 12990-13000.	2.8	21
556	Recent Advances in Cantilever-Free Scanning Probe Lithography: High-Throughput, Space-Confined Synthesis of Nanostructures and Beyond. <i>ACS Nano</i> , 2017, 11, 4381-4386.	7.3	21
557	Ultrathin Two-Dimensional Organic-Inorganic Hybrid Perovskite Nanosheets with Bright, Tunable Photoluminescence and High Stability. <i>Angewandte Chemie</i> , 2017, 129, 4316-4319.	1.6	21
558	Synthesis of WO _n -WX ₂ (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.	7.2	21

#	ARTICLE	IF	CITATIONS
559	Enhancing Loading Amount and Performance of Quantum-Dot-Sensitized Solar Cells Based on Direct Adsorption of Quantum Dots from Bicomponent Solvents. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 229-237.	2.1	21
560	Dip-Pen Nanolithography-Generated Patterns Used as Gold Etch Resists: A Comparison Study of 16-Mercaptohexadecanoic Acid and 1-Octadecanethiol. <i>Journal of Physical Chemistry C</i> , 2009, 113, 4184-4187.	1.5	20
561	Postchemistry of Organic Microrods: Thermopolymerization in Aqueous Solution. <i>Chemistry - an Asian Journal</i> , 2011, 6, 801-803.	1.7	20
562	Phosphine-Free, Low-Temperature Synthesis of Tetrapod-Shaped CdS and Its Hybrid with Au Nanoparticles. <i>Small</i> , 2014, 10, 4727-4734.	5.2	20
563	Periodic AuAg ₂ S Heterostructured Nanowires. <i>Small</i> , 2014, 10, 479-482.	5.2	20
564	Synthesis of high-quality lanthanide oxybromides nanocrystals with single-source precursor for promising applications in cancer cells imaging. <i>Applied Materials Today</i> , 2015, 1, 20-26.	2.3	20
565	Sequential Detection of Lipids, Metabolites, and Proteins in One Tissue for Improved Cancer Differentiation Accuracy. <i>Analytical Chemistry</i> , 2019, 91, 10532-10540.	3.2	20
566	Robust, Easy-Cleaning Superhydrophobic/Superoleophilic Copper Meshes for Oil/Water Separation under Harsh Conditions. <i>Advanced Materials Interfaces</i> , 2019, 6, 1900158.	1.9	20
567	Ultraviolet laser beam-assisted one-step synthesis of clean PtPd nanoarchitectures with excellent electrocatalytic properties for direct methanol fuel cells. <i>Materials Chemistry and Physics</i> , 2019, 221, 409-418.	2.0	20
568	Modified photochemical strategy to support highly-purity, dense and monodisperse Au nanospheres on graphene oxide for optimizing SERS detection. <i>Talanta</i> , 2020, 209, 120535.	2.9	20
569	Kudzu Resistant Starch: An Effective Regulator of Type 2 Diabetes Mellitus. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-15.	1.9	20
570	Asymmetric electron transport realized by decoupling between molecule and electrode. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 10323.	1.3	19
571	Effects of fullerene C60 nanoparticles on A549 cells. <i>Environmental Toxicology and Pharmacology</i> , 2014, 37, 656-661.	2.0	19
572	Preparation of ellagic acid molecularly imprinted polymeric microspheres based on distillation-precipitation polymerization for the efficient purification of a crude extract. <i>Journal of Separation Science</i> , 2016, 39, 3098-3104.	1.3	19
573	Serum metabolomics uncovering specific metabolite signatures of intra- and extrahepatic cholangiocarcinoma. <i>Molecular BioSystems</i> , 2016, 12, 334-340.	2.9	19
574	Convenient Synthesis of 3D Fluffy PtPd Nanocorals Loaded on 2D h-BN Supports as Highly Efficient and Stable Electrocatalysts for Alcohol Oxidation Reaction. <i>ACS Omega</i> , 2019, 4, 11163-11172.	1.6	19
575	Assessment of Drying Kinetics, Textural and Aroma Attributes of <i>Mentha haplocalyx</i> Leaves during the Hot Air Thin-Layer Drying Process. <i>Foods</i> , 2022, 11, 784.	1.9	19
576	Salt-Assisted 2H to 1T Phase Transformation of Transition Metal Dichalcogenides. <i>Advanced Materials</i> , 2022, 34, e2201194.	11.1	19

#	ARTICLE	IF	CITATIONS
577	Differentiation Using Microwave Plasma Torch Desorption Mass Spectrometry of Navel Oranges Cultivated in Neighboring Habitats. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 2488-2494.	2.4	18
578	Anodized Aluminum Oxide Templated Synthesis of Metal-Organic Frameworks Used as Membrane Reactors. <i>Angewandte Chemie</i> , 2017, 129, 593-596.	1.6	18
579	Liquid Nanoparticles: Manipulating the Nucleation and Growth of Nanoscale Droplets. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 3047-3054.	7.2	18
580	Quasi-Epitaxial Growth of Magnetic Nanostructures on 4H-Au Nanoribbons. <i>Advanced Materials</i> , 2021, 33, e2007140.	11.1	18
581	Novel Solvent-Free Methods for Fabrication of Nano- and Microsphere Drug Delivery Systems from Functional Biodegradable Polymers. <i>Journal of Physical Chemistry C</i> , 2007, 111, 12681-12685.	1.5	17
582	Adhesion, proliferation, and gene expression profile of human umbilical vein endothelial cells cultured on bilayered polyelectrolyte coatings composed of glycosaminoglycans. <i>Biointerphases</i> , 2010, 5, FA53-FA62.	0.6	17
583	Comparative study on ambient ionization methods for direct analysis of navel orange tissues by mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2017, 52, 526-533.	0.7	17
584	Internal Extractive Electrospray Ionization Mass Spectrometry for Quantitative Determination of Fluoroquinolones Captured by Magnetic Molecularly Imprinted Polymers from Raw Milk. <i>Scientific Reports</i> , 2017, 7, 14714.	1.6	17
585	Wet-chemical synthesis and applications of amorphous metal-containing nanomaterials. <i>Nano Research</i> , 2023, 16, 4289-4309.	5.8	17
586	Immobilization of Recombinant Vault Nanoparticles on Solid Substrates. <i>ACS Nano</i> , 2010, 4, 1417-1424.	7.3	16
587	Single-layer graphene oxide sheet: a novel substrate for dip-pen nanolithography. <i>Chemical Communications</i> , 2011, 47, 10070.	2.2	16
588	Ta ₂ S nanosheet-based room-temperature dosage meter for nitric oxide. <i>APL Materials</i> , 2014, 2, .	2.2	16
589	An enzyme-free colorimetric assay using hybridization chain reaction amplification and split aptamers. <i>Analyst</i> , 2015, 140, 7657-7662.	1.7	16
590	Anisotropy in Shape and Ligand-Conjugation of Hybrid Nanoparticulates Manipulates the Mode of Bio-Nano Interaction and Its Outcome. <i>Advanced Functional Materials</i> , 2017, 27, 1700406.	7.8	16
591	A simple electrochemical method for conversion of Pt wires to Pt concave icosahedra and nanocubes on carbon paper for electrocatalytic hydrogen evolution. <i>Science China Materials</i> , 2019, 62, 115-121.	3.5	16
592	Size-Dependent Phase Transformation of Noble Metal Nanomaterials. <i>Small</i> , 2019, 15, e1903253.	5.2	16
593	Masking quercetin: A simple strategy for selective detection of rutin by combination of bovine serum albumin and fluorescent silicon nanoparticles. <i>Analytica Chimica Acta</i> , 2020, 1126, 7-15.	2.6	16
594	Rapid photocatalytic reduction of Cr(VI) with high concentration in wastewater by In ₂ S ₃ -ZnIn ₂ S ₄ heterostructure hierarchical microtubes under visible light. <i>Journal of Solid State Chemistry</i> , 2022, 306, 122721.	1.4	16

#	ARTICLE	IF	CITATIONS
595	Atomic Force Microscopy Evidence of Citrate Displacement by 4-Mercaptopyridine on Gold in Aqueous Solution. <i>Langmuir</i> , 2000, 16, 4554-4557.	1.6	15
596	Semiconductor Nanocomposites of Emissive Flexible Random Copolymers and CdTe Nanocrystals: Preparation, Characterization, and Optoelectronic Properties. <i>Macromolecular Chemistry and Physics</i> , 2007, 208, 2007-2017.	1.1	15
597	OWL-Based Nanomasks for Preparing Graphene Ribbons with Sub-10 nm Gaps. <i>Nano Letters</i> , 2012, 12, 4734-4737.	4.5	15
598	Evaluating the Effect of Lidocaine on the Interactions of C-reactive Protein with Its Aptamer and Antibody by Dynamic Force Spectroscopy. <i>Analytical Chemistry</i> , 2017, 89, 3370-3377.	3.2	15
599	Synergy effect of carbon nanotube and graphene hydrogel on highly efficient quantum dot sensitized solar cells. <i>Electrochimica Acta</i> , 2019, 327, 134937.	2.6	15
600	Imparting Boron Nanosheets with Ambient Stability through Methyl Group Functionalization for Mechanistic Investigation of Their Lithiation Process. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 23370-23377.	4.0	15
601	Chemical Vapor Deposition of Superconducting FeTe _{1-x} Se _x Nanosheets. <i>Nano Letters</i> , 2021, 21, 5338-5344.	4.5	15
602	Phase engineering of metal-organic frameworks. <i>Aggregate</i> , 2022, 3, e145.	5.2	15
603	Vapor-Liquid-Solid Growth of Endotaxial Semiconductor Nanowires. <i>Nano Letters</i> , 2012, 12, 5565-5570.	4.5	14
604	Solvothermal-Induced Conversion of One-Dimensional Multilayer Nanotubes to Two-Dimensional Hydrophilic VO _x Nanosheets: Synthesis and Water Treatment Application. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 10389-10394.	4.0	14
605	Molecular crystals on two-dimensional van der Waals substrates. <i>Science China Materials</i> , 2015, 58, 5-8.	3.5	14
606	Metabolic Effects of Clenbuterol and Salbutamol on Pork Meat Studied Using Internal Extractive Electrospray Ionization Mass Spectrometry. <i>Scientific Reports</i> , 2017, 7, 5136.	1.6	14
607	Advances in Ambient Ionization for Mass Spectrometry. <i>Chinese Journal of Analytical Chemistry</i> , 2018, 46, 1703-1713.	0.9	14
608	Generating Supercharged Protein Ions for Breath Analysis by Extractive Electrospray Ionization Mass Spectrometry. <i>Analytical Chemistry</i> , 2019, 91, 3215-3220.	3.2	14
609	Ambient mass spectrometry for the molecular diagnosis of lung cancer. <i>Analyst, The</i> , 2020, 145, 313-320.	1.7	14
610	Selective detection of phospholipids in human blood plasma and single cells for cancer differentiation using dispersed solid-phase microextraction combined with extractive electrospray ionization mass spectrometry. <i>Analyst, The</i> , 2020, 145, 7330-7339.	1.7	14
611	Efficient Flexible Counter Electrode Based on Modified Graphite Paper and in Situ Grown Copper Sulfide for Quantum Dot Sensitized Solar Cells. <i>ACS Applied Energy Materials</i> , 2018, 1, 1355-1363.	2.5	13
612	Enrichment of phospholipids using magnetic Fe ₃ O ₄ /TiO ₂ nanoparticles for quantitative detection at single cell levels by electrospray ionization mass spectrometry. <i>Talanta</i> , 2020, 212, 120769.	2.9	13

#	ARTICLE	IF	CITATIONS
613	Transport properties and device-design of Z-shaped MoS ₂ nanoribbon planar junctions. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2017, 93, 143-147.	1.3	13
614	Two-dimensional material-based virus detection. <i>Science China Chemistry</i> , 2022, 65, 497-513.	4.2	13
615	Plasmonic Core-Shell Materials: Synthesis, Spectroscopic Characterization, and Photocatalytic Applications. <i>Accounts of Materials Research</i> , 2022, 3, 187-198.	5.9	13
616	Recycling plastic waste into multifunctional superhydrophobic textiles. <i>Nano Research</i> , 2022, 15, 9921-9925.	5.8	13
617	Generation of Dual Patterns of Metal Oxide Nanomaterials Based on Seed-Mediated Selective Growth. <i>Langmuir</i> , 2010, 26, 4616-4619.	1.6	12
618	Surface immobilized cholera toxin B subunit (CTB) facilitates vesicle docking, trafficking and exocytosis. <i>Integrative Biology (United Kingdom)</i> , 2010, 2, 250.	0.6	12
619	Scalable Solid-Template Reduction for Designed Reduced Graphene Oxide Architectures. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 7676-7681.	4.0	12
620	Substrate-bound growth of Au-Pd diblock nanowire and hybrid nanorod-plate. <i>Nanoscale</i> , 2015, 7, 8115-8121.	2.8	12
621	Graphene Oxide Scroll Meshes Prepared by Molecular Combing for Transparent and Flexible Electrodes. <i>Advanced Materials Technologies</i> , 2017, 2, 1600231.	3.0	12
622	Levelling the playing field: screening for synergistic effects in coalesced bimetallic nanoparticles. <i>Nanoscale</i> , 2016, 8, 3447-3453.	2.8	11
623	Preparation of Ultrathin Two-Dimensional Ti _x Ta _{1-x} S _y O _z Nanosheets as Highly Efficient Photothermal Agents. <i>Angewandte Chemie</i> , 2017, 129, 7950-7954.	1.6	11
624	Understanding the strain effect of Au@Pd nanocatalysts by <i>in situ</i> surface-enhanced Raman spectroscopy. <i>Chemical Communications</i> , 2019, 55, 8824-8827.	2.2	11
625	Preparation of CdS _y Se _{1-x} MoS ₂ Heterostructures via Cation Exchange of Pre-Epitaxially Synthesized Cu _{2-x} Te _x S _y Se _{1-x} MoS ₂ for Photocatalytic Hydrogen Evolution. <i>Small</i> , 2021, 17, e2006135.	5.2	11
626	Metabolism of Phenolics of <i>Tetragium hemsleyanum</i> Roots under <i>In Vitro</i> Digestion and Colonic Fermentation as Well as Their <i>In Vivo</i> Antioxidant Activity in Rats. <i>Foods</i> , 2021, 10, 2123.	1.9	11
627	Surface-Induced Synthesis and Self-Assembly of Metal Suprastructures. <i>Small</i> , 2010, 6, 2708-2715.	5.2	10
628	A facile low temperature growth of CdTe nanocrystals using novel dithiocarbamate ligands in aqueous solution. <i>Journal of Materials Chemistry</i> , 2010, 20, 2788.	6.7	10
629	Synthesis, Structure, Physical Properties, and Displacement Current Measurement of an n-Type Organic Semiconductor: 2:3,5:6-Bis(1,1-dicyanoethylene-2,2-dithiolate)-quinone. <i>Australian Journal of Chemistry</i> , 2012, 65, 1674.	0.5	10
630	Facile growth of a single-crystal pattern: a case study of HKUST-1. <i>Chemical Communications</i> , 2012, 48, 11901.	2.2	10

#	ARTICLE	IF	CITATIONS
631	Noninjection ultralarge-scaled synthesis of shape-tunable CdS nanocrystals as photocatalysts. RSC Advances, 2013, 3, 17477.	1.7	10
632	A first-principles study of impurity effects on monolayer MoS ₂ : bandgap dominated by donor impurities. Materials Research Express, 2017, 4, 126301.	0.8	10
633	Comparative study of alterations in phospholipid profiles upon liver cancer in humans and mice. Analyst, The, 2020, 145, 6470-6477.	1.7	10
634	Theoretical studies on force titration of amino-group-terminated self-assembled monolayers. Computational and Theoretical Chemistry, 1998, 451, 295-303.	1.5	9
635	Pulsed-Force-Mode AFM Studies of Polyphenylene Dendrimers on Self-Assembled Monolayers. Journal of Physical Chemistry C, 2007, 111, 8142-8144.	1.5	9
636	Coupling of micro-solid-phase extraction and internal extractive electrospray ionization mass spectrometry for ultra-sensitive detection of 1-hydroxypyrene and papaverine in human urine samples. Analytical and Bioanalytical Chemistry, 2019, 411, 3281-3290.	1.9	9
637	Insight into the reduction and property of graphene hydrogel for high efficiency composite counter electrodes and solar cells. Electrochimica Acta, 2019, 297, 980-987.	2.6	9
638	Direct quantitative profiling of amino acids in tissues for the assessment of lung cancer. Talanta, 2021, 233, 122544.	2.9	9
639	Pressure-Induced Amorphization and Crystallization of Heterophase Pd Nanostructures. Small, 2022, 18, e2106396.	5.2	9
640	Facile "Scratching" Method with Common Metal Objects To Generate Large-Scale Catalyst Patterns Used for Growth of Single-Walled Carbon Nanotubes. ACS Applied Materials & Interfaces, 2009, 1, 1873-1877.	4.0	8
641	CdTe magic-sized clusters and the use as building blocks for assembling two-dimensional nanoplatelets. Journal of Nanoparticle Research, 2017, 19, 1.	0.8	8
642	Laser irradiation-induced construction of Pt/Ag bimetallic nanourchins with improved electrocatalytic properties. RSC Advances, 2017, 7, 52165-52171.	1.7	8
643	Modeling Microstructure Effect on Thermal Conductivity of Aerogel-Based Vacuum Insulation Panels. Heat Transfer Engineering, 2020, 41, 882-895.	1.2	8
644	High-Yield Exfoliation of Ultrathin 2D Ni ₃ Cr ₂ P ₂ S ₉ and Ni ₃ Cr ₂ P ₂ Se ₉ Nanosheets. Small, 2021, 17, e2006866.	5.2	8
645	Self-Assembly of 2D Nanosheets into 1D Nanostructures for Sensing NO ₂ . Small Structures, 2021, 2, 2100067.	6.9	8
646	Programmable Materials. Advanced Materials, 2021, 33, e2107344.	11.1	8
647	Review of Recent Advances in Lipid Analysis of Biological Samples via Ambient Ionization Mass Spectrometry. Metabolites, 2021, 11, 781.	1.3	8
648	Apparent Colors of 2D Materials. Advanced Photonics Research, 2022, 3, 2100221.	1.7	8

#	ARTICLE	IF	CITATIONS
649	A rectifying diode with hysteresis effect from an electroactive hybrid of carbazole-functionalized polystyrene with CdTe nanocrystals via electrostatic interaction. <i>Science China Chemistry</i> , 2010, 53, 2324-2328.	4.2	7
650	Spirals and helices by asymmetric active surface growth. <i>Nanoscale</i> , 2017, 9, 18352-18358.	2.8	7
651	Synthesis of WO_3-x ($x=2.7, 2.9$; $X=S, Se$) Heterostructures for Highly Efficient Green Quantum Dot Light-Emitting Diodes. <i>Angewandte Chemie</i> , 2017, 129, 10622-10626.	1.6	7
652	Laser-induced photochemical synthesis of fibrous-shaped $CuO@CuS$ nanoporous structures for enhanced electrostatic adsorption of negatively charged contaminants from wastewater. <i>Optical Materials Express</i> , 2017, 7, 3863.	1.6	7
653	Investigation of the interactions between aptamer and misfolded proteins: From monomer and oligomer to fibril by single-molecule force spectroscopy. <i>Journal of Molecular Recognition</i> , 2018, 31, e2686.	1.1	7
654	Fast quantification of fluoroquinolones in environmental water samples using molecularly imprinted polymers coupled with internal extractive electrospray ionization mass spectrometry. <i>RSC Advances</i> , 2018, 8, 17293-17299.	1.7	7
655	Reactive dyes for living cells: Applications, artefacts, and some comparisons with textile dyeing. <i>Coloration Technology</i> , 0, , .	0.7	7
656	A General Method for the Synthesis of Hybrid Nanostructures Using $MoSe_2$ Nanosheet-Assembled Nanospheres as Templates. <i>Research</i> , 2019, 2019, 6439734.	2.8	7
657	Monitoring the Electrochemical Transformation of an Azobenzene-Terminated Alkanethiolate Monolayer at Gold by Chemical Force Microscopy. <i>Molecular Crystals and Liquid Crystals</i> , 1999, 337, 305-308.	0.3	6
658	Microstructure array on Si and SiO_x generated by micro-contact printing, wet chemical etching and reactive ion etching. <i>Applied Surface Science</i> , 2006, 253, 1960-1963.	3.1	6
659	Two-dimensional synthetic templates. <i>National Science Review</i> , 2015, 2, 19-21.	4.6	6
660	Sequential Formation of Analyte Ions Originated from Bulk Alloys for Ambient Mass Spectrometry Analysis. <i>Analytical Chemistry</i> , 2018, 90, 13832-13836.	3.2	6
661	Light-matter interactions in high quality manganese-doped two-dimensional molybdenum diselenide. <i>Science China Materials</i> , 2021, 64, 2507-2518.	3.5	6
662	In-situ hydrophobic environment triggering reactive fluorescence probe to real-time monitor mitochondrial DNA damage. <i>Frontiers of Chemical Science and Engineering</i> , 0, , 1.	2.3	6
663	Preparation and Applications of Two-Dimensional Crystals Based on Organic or Metal-Organic Materials. <i>Acta Chimica Sinica</i> , 2015, 73, 913.	0.5	6
664	On-tissue amidation of sialic acid with aniline for sensitive imaging of sialylated N-glycans from FFPE tissue sections via MALDI mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 5263-5274.	1.9	6
665	In situ synthesis of Co-doped MoS_2 nanosheet for enhanced mimicking peroxidase activity. <i>Journal of Materials Science</i> , 2022, 57, 8100-8112.	1.7	6
666	Study on the surface dissociation properties of 6-(10-mercaptodecaoxyl)quinoline self-assembled monolayer on gold by chemical force titration. <i>Materials Science and Engineering C</i> , 1999, 8-9, 191-194.	3.8	5

#	ARTICLE	IF	CITATIONS
667	Laser-induced fabrication of highly branched Au@TiO ₂ nano-dendrites with excellent near-infrared absorption properties. <i>RSC Advances</i> , 2016, 6, 83337-83342.	1.7	5
668	Double-Viewing-Position Single-Particle Inductively Coupled Plasma-Atomic Emission Spectrometry for the Selection of ICP Sampling Position in SP-ICP Measurements. <i>Analytical Sciences</i> , 2018, 34, 711-717.	0.8	5
669	Differentiation of cultivation areas and crop years of milled rice using single grain mass spectrometry. <i>New Journal of Chemistry</i> , 2019, 43, 2118-2125.	1.4	5
670	Reinforced macromolecular micelle-crosslinked hyaluronate gels induced by water/DMSO binary solvent. <i>Soft Matter</i> , 2020, 16, 8647-8654.	1.2	5
671	Deformation-Induced Phase Transformations in Gold Nanoribbons with the 4H Phase. <i>ACS Nano</i> , 2022, 16, 3272-3279.	7.3	5
672	The 6-(10-Mercaptodecoyl)quinoline Self-Assembled Monolayer on Gold: Spectroscopy and Wettability Investigation. <i>Journal of Colloid and Interface Science</i> , 1999, 214, 46-52.	5.0	4
673	A Novel Spectrophotometric Method for the Determination of Isoniazid Using Cu(II) as Spectroscopic Probe Ion. <i>Chinese Journal of Chemistry</i> , 2009, 27, 518-522.	2.6	4
674	Layered Nanomaterials: Fabrication of Single- and Multilayer MoS ₂ Film-Based Field-Effect Transistors for Sensing NO at Room Temperature (Small 1/2012). <i>Small</i> , 2012, 8, 2-2.	5.2	4
675	Investigation of hydrolysis conditions and properties on protein hydrolysates from flatfish skin. <i>Frontiers of Chemical Science and Engineering</i> , 2013, 7, 303-311.	2.3	4
676	Two-Dimensional Materials: A Powerful Platform for Energy Applications. <i>ChemNanoMat</i> , 2017, 3, 338-339.	1.5	4
677	Selective molecular characterization of particulate matter from gasoline cars using internal extractive electrospray ionization mass spectrometry. <i>Analytical Methods</i> , 2017, 9, 6491-6498.	1.3	4
678	An additional electron-phonon coupling enhancement for improving SERS activity by supporting core-shell Au@Ag particles on carbon nanotubes. <i>Applied Physics Letters</i> , 2019, 115, .	1.5	4
679	Recent Progress on Tissue Analysis by Mass Spectrometry without Sample Pretreatment. <i>Chinese Journal of Analytical Chemistry</i> , 2020, 48, 827-837.	0.9	4
680	Liquid Nanoparticles: Manipulating the Nucleation and Growth of Nanoscale Droplets. <i>Angewandte Chemie</i> , 2021, 133, 3084-3091.	1.6	4
681	The Shaggy Ink Cap Medicinal Mushroom, <i>Coprinus comatus</i> (Agaricomycetes), a Versatile Functional Species: A Review. <i>International Journal of Medicinal Mushrooms</i> , 2020, 22, 245-255.	0.9	4
682	Novel sphere-like copper bismuth oxide fabricated via ethylene glycol-introduced solvothermal method with improved adsorptive and photocatalytic performance in sulfamethazine removal. <i>Environmental Science and Pollution Research</i> , 2022, 29, 47159-47173.	2.7	4
683	Chemical Force Titration of Conjugated Pyridyl Group-Terminated Self-Assembled Monolayers. <i>Molecular Crystals and Liquid Crystals</i> , 1999, 337, 301-304.	0.3	3
684	The optimum selection of common master image for series of differential SAR processing to estimate long and slow ground deformation. , 0, , .		3

#	ARTICLE	IF	CITATIONS
685	Adaptive subcarrier allocation and bit loading for voice/data transmission in multiuser OFDM systems. <i>Wireless Communications and Mobile Computing</i> , 2009, 9, 894-908.	0.8	3
686	Production and purification of antioxidant peptides from flatfish skin protein hydrolysates. <i>Transactions of Tianjin University</i> , 2015, 21, 433-439.	3.3	3
687	An energy-efficient method for mitigating membrane fouling: A novel embodiment of the inverse fluidized bed. <i>Separation Science and Technology</i> , 2018, 53, 683-695.	1.3	3
688	Câ€œquadruplex Nanowires To Direct the Efficiency and Selectivity of Electrocatalytic CO ₂ Reduction. <i>Angewandte Chemie</i> , 2018, 130, 12633-12637.	1.6	3
689	Emerging Carbons. <i>Advanced Materials</i> , 2019, 31, 1808208.	11.1	3
690	Nanoscale patterning heats up. <i>Nature Electronics</i> , 2019, 2, 13-14.	13.1	3
691	Evaluation of the phytotoxicity of nano-particles on mung beans by internal extractive electrospray ionization mass spectrometry. <i>Analyst</i> , 2021, 146, 5675-5681.	1.7	3
692	Isotopic N,N-dimethyl leucine tags for absolute quantification of clusterin and apolipoprotein E in Alzheimer's disease. <i>Journal of Proteomics</i> , 2022, 257, 104507.	1.2	3
693	Recent Advances in the Fluorescent Probes for Flavinase Activity: Design and Applications. <i>Chemistry - an Asian Journal</i> , 2022, 17, .	1.7	3
694	Rapidly electrodeposited NiFe(OH) as the catalyst for oxygen evolution reaction. <i>Inorganic Chemistry Communication</i> , 2022, 139, 109350.	1.8	3
695	Hard nanocrystalline gold materials prepared via high-pressure phase transformation. <i>Nano Research</i> , 0, , .	5.8	3
696	Polypyrrole Hollow Nanotubes Loaded with Au and Fe ₃ O ₄ Nanoparticles for Simultaneous Determination of Ascorbic Acid, Dopamine, and Uric Acid. <i>Chemical Research in Chinese Universities</i> , 2022, 38, 941-948.	1.3	3
697	First-principles study of band alignment and electronic structure of Arsenene/SnS ₂ heterostructures. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2022, 142, 115271.	1.3	3
698	Preparation of thin oligopeptide films using self-organized dendrimer monolayer as an anchoring scaffold. <i>Current Applied Physics</i> , 2007, 7, e53-e57.	1.1	2
699	VAULT PROTEIN-TEMPLATED ASSEMBLIES OF NANOPARTICLES. <i>Nano</i> , 2012, 07, 1250001.	0.5	2
700	Sign changes of seebeck coefficients due to extrinsic-to-intrinsic transition for PbTe nanocrystals. <i>World Journal of Engineering</i> , 2012, 9, 391-398.	1.0	2
701	Water Splitting: Au Nanoparticle-Modified MoS ₂ Nanosheet-Based Photoelectrochemical Cells for Water Splitting (Small 17/2014). <i>Small</i> , 2014, 10, 3536-3536.	5.2	2
702	Nanosheet Sensors: Recent Advances in Sensing Applications of Twoâ€œDimensional Transition Metal Dichalcogenide Nanosheets and Their Composites (Adv. Funct. Mater. 19/2017). <i>Advanced Functional Materials</i> , 2017, 27, .	7.8	2

#	ARTICLE	IF	CITATIONS
703	Frontiers in Nanointerfaces Research. Small, 2017, 13, 1703364.	5.2	2
704	Doping-induced phase transition enables better electrocatalysts. Science China Materials, 2018, 61, 1623-1624.	3.5	2
705	Nanocarbon Chemistry. Small, 2019, 15, e1905367.	5.2	2
706	Solvent exchange as a synthetic handle for controlling molecular crystals. Carbon, 2020, 160, 188-195.	5.4	2
707	Preparation of hierarchical hollow structures assembled from porous NiCo ₂ O ₄ nanosheets for diesel soot elimination. EcoMat, 2020, 2, e12041.	6.8	2
708	High-resolution magnetic resonance and mass spectrometry imaging of the human larynx. Journal of Anatomy, 2021, 239, 545-556.	0.9	2
709	Antioxidant Activity and Probiotic Proliferation and Acidifying Activity of Intracellular Polysaccharides from the Shaggy Ink Cap Medicinal Mushroom, Coprinus comatus (Agaricomycetes), under Optimal Polysaccharide Synthase Activity. International Journal of Medicinal Mushrooms, 2021, 23, 23-34.	0.9	2
710	Recent Development of Advanced Materials with Special Wettability for Selective Oil/Water Separation. Small, 2016, , n/a-n/a.	5.2	2
711	Food bioactives lowering risks of chronic diseases induced by fine particulate air pollution: a comprehensive review. Critical Reviews in Food Science and Nutrition, 2023, 63, 7811-7836.	5.4	2
712	Analysis of the volatile oil from the stem of Acanthopanax Senticosus (Rupr. et Maxim.) harms with several hyphenated methods of chromatography. Frontiers of Chemistry in China: Selected Publications From Chinese Universities, 2006, 1, 193-198.	0.4	1
713	New adaptive bit allocation algorithms for multiuser OFDM/CDMA systems. Wireless Networks, 2009, 15, 341-351.	2.0	1
714	CdS: Phosphine-Free, Low-Temperature Synthesis of Tetrapod-Shaped CdS and Its Hybrid with Au Nanoparticles (Small 22/2014). Small, 2014, 10, 4726-4726.	5.2	1
715	Sensors: DNA-Templated Silver Nanoclusters for Multiplexed Fluorescent DNA Detection (Small) Tj ETQq1 1 0.784314 rgBT / Overlock 1	5.2	1
716	Shape Anisotropy: Anisotropy in Shape and Ligand-Conjugation of Hybrid Nanoparticulates Manipulates the Mode of Bio-Nano Interaction and Its Outcome (Adv. Funct. Mater. 31/2017). Advanced Functional Materials, 2017, 27, .	7.8	1
717	2D materials-wrapped microparticles. Nature Materials, 2018, 17, 956-957.	13.3	1
718	3D Bioprinting Microgels: Direct 3D Printed Biomimetic Scaffolds Based on Hydrogel Microparticles for Cell Spheroid Growth (Adv. Funct. Mater. 13/2020). Advanced Functional Materials, 2020, 30, 2070085.	7.8	1
719	Complete genome sequence of Micromonospora craniellae LHW63014T, a potential metal ion-chelating agent producer. Marine Genomics, 2021, 57, 100830.	0.4	1
720	The Evolution of Dip-Pen Nanolithography.. ChemInform, 2004, 35, no.	0.1	0

#	ARTICLE	IF	CITATIONS
721	A new molecular rectifier device and some research in its processing. <i>Frontiers of Chemistry in China: Selected Publications From Chinese Universities</i> , 2006, 1, 296-299.	0.4	0
722	Controlled growth of nano- and bio-arrays on patterned substrates. , 2010, , .		0
723	Carbon material-based nanopatterns and nanostructures: Synthesis, characterization and applications. , 2010, , .		0
724	Controlled growth of nano-and bio-arrays on patterned substrates. , 2010, , .		0
725	Carbon: Carbon-Based Sorbents with Three-Dimensional Architectures for Water Remediation (Small) Tj ETQq1 1.0.784314 rgBT /Dv	5.2	0
726	Celebrating 50 Years of Chemistry in Singapore. <i>ChemPlusChem</i> , 2015, 80, 1192-1194.	1.3	0
727	Laser-induced modification of dog-bone-like Au nanorods for accurate growth of well-defined cylindrical structures. <i>RSC Advances</i> , 2016, 6, 72107-72114.	1.7	0
728	Preface: Two dimensional (2D) hybrid organic-inorganic perovskites. <i>APL Materials</i> , 2018, 6, .	2.2	0
729	Rücktitelbild: Liquid Nanoparticles: Manipulating the Nucleation and Growth of Nanoscale Droplets (<i>Angew. Chem.</i> 6/2021). <i>Angewandte Chemie</i> , 2021, 133, 3352-3352.	1.6	0
730	Enriching the library of axial superlattice nanowires. <i>Science China Materials</i> , 2021, 64, 2627-2628.	3.5	0
731	Special issue dedicated to Professor Daoben Zhu on the occasion of his 80th birthday. <i>SmartMat</i> , 2021, 2, 251-251.	6.4	0
732	Understanding electrochemical interfaces using in situ core-shell nanoparticle-enhanced Raman spectroscopy. <i>Frontiers of Nanoscience</i> , 2021, 18, 295-342.	0.3	0
733	Fabrication of Bio- and Nanopatterns by Dip Pen Nanolithography. , 2010, , 187-204.		0
734	Defect-Rich, Candied Haws-Shaped AuPtNi Alloy Nanostructures for Highly Efficient Electrocatalysis. <i>CCS Chemistry</i> , 0, , 24-30.	4.6	0