

Hai Li

List of Publications by Year in descending order

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179
papers

28,869
citations

13827

67
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4870

168
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185
all docs

185
docs citations

185
times ranked

33855
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-Layer MoS ₂ Phototransistors. ACS Nano, 2012, 6, 74-80.	7.3	3,103
2	A Universal Method to Produce Low-Work Function Electrodes for Organic Electronics. Science, 2012, 336, 327-332.	6.0	1,878
3	Growth of Large-Area and Highly Crystalline MoS ₂ Thin Layers on Insulating Substrates. Nano Letters, 2012, 12, 1538-1544.	4.5	1,749
4	Perovskite light-emitting diodes based on spontaneously formed submicrometre-scale structures. Nature, 2018, 562, 249-253.	13.7	1,555
5	Single-Layer Semiconducting Nanosheets: High-Yield Preparation and Device Fabrication. Angewandte Chemie - International Edition, 2011, 50, 11093-11097.	7.2	1,517
6	Preparation and Applications of Mechanically Exfoliated Single-Layer and Multilayer MoS ₂ and WSe ₂ Nanosheets. Accounts of Chemical Research, 2014, 47, 1067-1075.	7.6	1,374
7	Fabrication of Single- and Multilayer MoS ₂ Film-Based Field-Effect Transistors for Sensing NO at Room Temperature. Small, 2012, 8, 63-67.	5.2	1,346
8	Single-Layer MoS ₂ -Based Nanoprobes for Homogeneous Detection of Biomolecules. Journal of the American Chemical Society, 2013, 135, 5998-6001.	6.6	995
9	Fabrication of Flexible MoS ₂ Thin-Film Transistor Arrays for Practical Gas Sensing Applications. Small, 2012, 8, 2994-2999.	5.2	817
10	High phase-purity 1T ⁻² -MoS ₂ - and 1T ⁻² -MoSe ₂ -layered crystals. Nature Chemistry, 2018, 10, 638-643.	6.6	757
11	Black Phosphorus Quantum Dots. Angewandte Chemie - International Edition, 2015, 54, 3653-3657.	7.2	594
12	Interlayer Breathing and Shear Modes in Few-Trilayer MoS ₂ and WSe ₂ . Nano Letters, 2013, 13, 1007-1015.	4.5	576
13	Centimeter-Long and Large-Scale Micropatterns of Reduced Graphene Oxide Films: Fabrication and Sensing Applications. ACS Nano, 2010, 4, 3201-3208.	7.3	571
14	Interdiffusion Reaction-Assisted Hybridization of Two-Dimensional Metal-Organic Frameworks and Ti ₃ C ₂ T _x Nanosheets for Electrocatalytic Oxygen Evolution. ACS Nano, 2017, 11, 5800-5807.	7.3	557
15	Mechanical Exfoliation and Characterization of Single- and Few-Layer Nanosheets of WSe ₂ , TaS ₂ , and TaSe ₂ . Small, 2013, 9, 1974-1981.	5.2	544
16	Rapid and Reliable Thickness Identification of Two-Dimensional Nanosheets Using Optical Microscopy. ACS Nano, 2013, 7, 10344-10353.	7.3	359
17	Amphiphilic Graphene Composites. Angewandte Chemie - International Edition, 2010, 49, 9426-9429.	7.2	325
18	Single-Layer Transition Metal Dichalcogenide Nanosheet-Based Nanosensors for Rapid, Sensitive, and Multiplexed Detection of DNA. Advanced Materials, 2015, 27, 935-939.	11.1	322

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19	A general synthesis approach for amorphous noble metal nanosheets. <i>Nature Communications</i> , 2019, 10, 4855.	5.8	321
20	Transparent, Flexible, All-Reduced Graphene Oxide Thin Film Transistors. <i>ACS Nano</i> , 2011, 5, 5038-5044.	7.3	305
21	Optical Identification of Single- and Few-Layer MoS ₂ Sheets. <i>Small</i> , 2012, 8, 682-686.	5.2	290
22	Conjugated Polyelectrolyte-Functionalized Reduced Graphene Oxide with Excellent Solubility and Stability in Polar Solvents. <i>Small</i> , 2010, 6, 663-669.	5.2	278
23	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
24	Dynamic Ultralong Organic Phosphorescence by Photoactivation. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8425-8431.	7.2	241
25	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
26	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
27	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
28	Plasmonic enhancement of photocurrent in MoS ₂ field-effect-transistor. <i>Applied Physics Letters</i> , 2013, 102, .	1.5	201
29	Two- and three-dimensional folding of thin film single-crystalline silicon for photovoltaic power applications. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 20149-20154.	3.3	198
30	A Universal, Rapid Method for Clean Transfer of Nanostructures onto Various Substrates. <i>ACS Nano</i> , 2014, 8, 6563-6570.	7.3	192
31	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
32	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
33	Coating Two-Dimensional Nanomaterials with Metal-Organic Frameworks. <i>ACS Nano</i> , 2014, 8, 8695-8701.	7.3	168
34	Solution-processed nitrogen-rich graphene-like holey conjugated polymer for efficient lithium ion storage. <i>Nano Energy</i> , 2017, 41, 117-127.	8.2	159
35	Metallic 1T Phase Enabling MoS ₂ Nanodots as an Efficient Agent for Photoacoustic Imaging Guided Photothermal Therapy in the Near-Infrared Window. <i>Small</i> , 2020, 16, e2004173.	5.2	150
36	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

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37	Strain engineering in monolayer WS ₂ , MoS ₂ , and the WS ₂ /MoS ₂ heterostructure. Applied Physics Letters, 2016, 109, .	1.5	132
38	Atomically Dispersed Ru on Ultrathin Pd Nanoribbons. Journal of the American Chemical Society, 2016, 138, 13850-13853.	6.6	132
39	Synthesis of Two-Dimensional Transition-Metal Phosphates with Highly Ordered Mesoporous Structures for Lithium-Ion Battery Applications. Angewandte Chemie - International Edition, 2014, 53, 9352-9355.	7.2	128
40	Self-Assembled Chiral Nanofibers from Ultrathin Low-Dimensional Nanomaterials. Journal of the American Chemical Society, 2015, 137, 1565-1571.	6.6	123
41	Synthesis of Gold Square-like Plates from Ultrathin Gold Square Sheets: The Evolution of Structure Phase and Shape. Angewandte Chemie - International Edition, 2011, 50, 12245-12248.	7.2	121
42	Fabrication of Ultralong Hybrid Microfibers from Nanosheets of Reduced Graphene Oxide and Transition-Metal Dichalcogenides and their Application as Supercapacitors. Angewandte Chemie - International Edition, 2014, 53, 12576-12580.	7.2	119
43	Copper-Based Ternary and Quaternary Semiconductor Nanoplates: Templated Synthesis, Characterization, and Photoelectrochemical Properties. Angewandte Chemie - International Edition, 2014, 53, 8929-8933.	7.2	118
44	Investigation of MoS ₂ and Graphene Nanosheets by Magnetic Force Microscopy. ACS Nano, 2013, 7, 2842-2849.	7.3	117
45	Two-Dimensional CuSe Nanosheets with Microscale Lateral Size: Synthesis and Template-Assisted Phase Transformation. Angewandte Chemie - International Edition, 2014, 53, 5083-5087.	7.2	115
46	The Molecular Basis of Distinct Aggregation Pathways of Islet Amyloid Polypeptide. Journal of Biological Chemistry, 2011, 286, 6291-6300.	1.6	104
47	Amorphization-induced surface electronic states modulation of cobaltous oxide nanosheets for lithium-sulfur batteries. Nature Communications, 2021, 12, 3102.	5.8	103
48	Oxygen-incorporated MoX (X: S, Se or P) nanosheets via universal and controlled electrochemical anodic activation for enhanced hydrogen evolution activity. Nano Energy, 2019, 62, 338-347.	8.2	102
49	Boosting Electrocatalytic Activity of 3d-Block Metal (Hydro)oxides by Ligand-Induced Conversion. Angewandte Chemie - International Edition, 2021, 60, 10614-10619.	7.2	101
50	Engineering the Electronic Structure of Submonolayer Pt on Intermetallic Pd ₃ Pb via Charge Transfer Boosts the Hydrogen Evolution Reaction. Journal of the American Chemical Society, 2019, 141, 19964-19968.	6.6	99
51	Aminosilane Micropatterns on Hydroxyl-Terminated Substrates: Fabrication and Applications. Langmuir, 2010, 26, 5603-5609.	1.6	98
52	Nitrogen-enriched pseudographitic anode derived from silk cocoon with tunable flexibility for microbial fuel cells. Nano Energy, 2017, 32, 382-388.	8.2	98
53	Ultrathin Palladium Nanomesh for Electrocatalysis. Angewandte Chemie - International Edition, 2018, 57, 3435-3438.	7.2	98
54	Defect engineering of layered double hydroxide nanosheets as inorganic photosensitizers for NIR-III photodynamic cancer therapy. Nature Communications, 2022, 13, .	5.8	95

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55	Activating Layered Metal Oxide Nanomaterials via Structural Engineering as Biodegradable Nanoagents for Photothermal Cancer Therapy. <i>Small</i> , 2021, 17, e2007486.	5.2	94
56	Interfacial Interactions in van der Waals Heterostructures of MoS ₂ and Graphene. <i>ACS Nano</i> , 2017, 11, 11714-11723.	7.3	92
57	Modulating electronic transport properties of MoS ₂ field effect transistor by surface overlayers. <i>Applied Physics Letters</i> , 2013, 103, .	1.5	88
58	Sustainable and Transparent Fish Gelatin Films for Flexible Electroluminescent Devices. <i>ACS Nano</i> , 2020, 14, 3876-3884.	7.3	86
59	Graphene Oxide as a Novel Nanoplatforam for Enhancement of Aggregation-Induced Emission of Silole Fluorophores. <i>Advanced Materials</i> , 2012, 24, 4191-4195.	11.1	85
60	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
61	Band Structure Engineering of Interfacial Semiconductors Based on Atomically Thin Lead Iodide Crystals. <i>Advanced Materials</i> , 2019, 31, e1806562.	11.1	79
62	Carbon-supported metal single atom catalysts. <i>New Carbon Materials</i> , 2018, 33, 1-11.	2.9	74
63	Coplanar Pt/C Nanomeshes with Ultrastable Oxygen Reduction Performance in Fuel Cells. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6533-6538.	7.2	73
64	Gold Nanoparticle-Embedded Polydimethylsiloxane Elastomers for Highly Sensitive Raman Detection. <i>Small</i> , 2012, 8, 1336-1340.	5.2	72
65	Nanoparticle-coated PDMS elastomers for enhancement of Raman scattering. <i>Chemical Communications</i> , 2011, 47, 8560.	2.2	69
66	Nanolithography of Single-Layer Graphene Oxide Films by Atomic Force Microscopy. <i>Langmuir</i> , 2010, 26, 6164-6166.	1.6	68
67	Transformable masks for colloidal nanosynthesis. <i>Nature Communications</i> , 2018, 9, 563.	5.8	67
68	Ultra-Fast and Scalable Saline Immersion Strategy Enabling Uniform Zn Nucleation and Deposition for High-Performance Zn-Ion Batteries. <i>Small</i> , 2021, 17, e2101901.	5.2	65
69	Non-Conjugated Polymer as an Efficient Dopant-Free Hole-Transporting Material for Perovskite Solar Cells. <i>ChemSusChem</i> , 2017, 10, 2578-2584.	3.6	64
70	Composition- and phase-controlled synthesis and applications of alloyed phase heterostructures of transition metal disulphides. <i>Nanoscale</i> , 2017, 9, 5102-5109.	2.8	63
71	Cross-dimensional electron-phonon coupling in van der Waals heterostructures. <i>Nature Communications</i> , 2019, 10, 2419.	5.8	60
72	Origin of High Efficiency and Long-Term Stability in Ionic Liquid Perovskite Photovoltaic. <i>Research</i> , 2020, 2020, 2616345.	2.8	59

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73	Templating C ₆₀ on MoS ₂ Nanosheets for 2D Hybrid van der Waals Nanoheterojunctions. <i>Chemistry of Materials</i> , 2016, 28, 4300-4306.	3.2	58
74	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
75	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
76	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
77	Stable single-atom platinum catalyst trapped in carbon onion graphitic shells for improved chemoselective hydrogenation of nitroarenes. <i>Carbon</i> , 2019, 143, 378-384.	5.4	55
78	Growth of Cu ₂ O Nanoparticles on Two-Dimensional Zr-Ferrocene-Metal-Organic Framework Nanosheets for Photothermally Enhanced Chemodynamic Antibacterial Therapy. <i>Inorganic Chemistry</i> , 2022, 61, 9328-9338.	1.9	55
79	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
80	Realization of vertical metal semiconductor heterostructures via solution phase epitaxy. <i>Nature Communications</i> , 2018, 9, 3611.	5.8	49
81	Scrolling bilayer WS ₂ /MoS ₂ heterostructures for high-performance photo-detection. <i>Nano Research</i> , 2020, 13, 959-966.	5.8	49
82	The formation of perovskite multiple quantum well structures for high performance light-emitting diodes. <i>Npj Flexible Electronics</i> , 2018, 2, .	5.1	46
83	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
84	Treatment-dependent surface chemistry and gas sensing behavior of the thinnest member of titanium carbide MXenes. <i>Nanoscale</i> , 2020, 12, 16987-16994.	2.8	45
85	High-density metallic nanogaps fabricated on solid substrates used for surface enhanced Raman scattering. <i>Nanoscale</i> , 2012, 4, 860-863.	2.8	43
86	Triangular Ag-Pd alloy nanoprisms: rational synthesis with high-efficiency for electrocatalytic oxygen reduction. <i>Nanoscale</i> , 2014, 6, 11738-11743.	2.8	43
87	Random terpolymer with a cost-effective monomer and comparable efficiency to PTB7-Th for bulk-heterojunction polymer solar cells. <i>Polymer Chemistry</i> , 2016, 7, 926-932.	1.9	43
88	Crystal phase control in two-dimensional materials. <i>Science China Chemistry</i> , 2018, 61, 1227-1242.	4.2	42
89	Revisiting the Growth of Black Phosphorus in Sn-I Assisted Reactions. <i>Frontiers in Chemistry</i> , 2019, 7, 21.	1.8	41
90	A Bio-Inspired Platform to Modulate Myogenic Differentiation of Human Mesenchymal Stem Cells Through Focal Adhesion Regulation. <i>Advanced Healthcare Materials</i> , 2013, 2, 442-449.	3.9	40

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91	Achieving High Volumetric Lithium Storage Capacity in Compact Carbon Materials with Controllable Nitrogen Doping. <i>Advanced Functional Materials</i> , 2019, 29, 1807441.	7.8	39
92	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
93	Engineering the Atomic Layer of RuO ₂ on PdO Nanosheets Boosts Oxygen Evolution Catalysis. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 42298-42304.	4.0	38
94	Metallic phase enabling MoS ₂ nanosheets as an efficient sonosensitizer for photothermal-enhanced sonodynamic antibacterial therapy. <i>Journal of Nanobiotechnology</i> , 2022, 20, 136.	4.2	38
95	Polydopamine Dots-Based Fluorescent Nanoswitch Assay for Reversible Recognition of Glutamic Acid and Al ³⁺ in Human Serum and Living Cell. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 35760-35769.	4.0	37
96	Low-temperature photoluminescence emission of monolayer MoS ₂ on diverse substrates grown by CVD. <i>Journal of Luminescence</i> , 2018, 199, 210-215.	1.5	35
97	Ultrafast Cathodic Exfoliation of Few-Layer Black Phosphorus in Aqueous Solution. <i>ACS Applied Nano Materials</i> , 2019, 2, 3793-3801.	2.4	35
98	Orientation controlled preparation of nanoporous carbon nitride fibers and related composite for gas sensing under ambient conditions. <i>Nano Research</i> , 2017, 10, 1710-1719.	5.8	33
99	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
100	Peptide Diffusion and Self-Assembly in Ambient Water Nanofilm on Mica Surface. <i>Journal of Physical Chemistry B</i> , 2009, 113, 8795-8799.	1.2	31
101	Surface-Enhanced Raman Scattering of Ag-Au Nanodisk Heterodimers. <i>Journal of Physical Chemistry C</i> , 2012, 116, 10390-10395.	1.5	31
102	Mechanical Manipulation Assisted Self-Assembly To Achieve Defect Repair and Guided Epitaxial Growth of Individual Peptide Nanofilaments. <i>ACS Nano</i> , 2010, 4, 5791-5796.	7.3	30
103	Ultrafast Microwave Activating Polarized Electron for Scalable Porous Al toward High-Energy-Density Batteries. <i>Nano Letters</i> , 2020, 20, 8818-8824.	4.5	30
104	Molecular Mechanism of Surface-Assisted Epitaxial Self-Assembly of Amyloid-like Peptides. <i>ACS Nano</i> , 2012, 6, 9276-9282.	7.3	29
105	Amorphous Metal Oxide Nanosheets Featuring Reversible Structure Transformations as Sodium-Ion Battery Anodes. <i>Cell Reports Physical Science</i> , 2020, 1, 100118.	2.8	29
106	Benzodithiophene-modified terpolymer acceptors with reduced molecular planarity and crystallinity: improved performance and stability for all-polymer solar cells. <i>Journal of Materials Chemistry C</i> , 2019, 7, 10338-10351.	2.7	25
107	Nanoscale-Controlled Enzymatic Degradation of Poly(L-lactic acid) Films Using Diphenyl Nanolithography. <i>Small</i> , 2011, 7, 226-229.	5.2	24
108	Ultrathin Palladium Nanomesh for Electrocatalysis. <i>Angewandte Chemie</i> , 2018, 130, 3493-3496.	1.6	24

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109	A flexible SERS-active film for studying the effect of non-metallic nanostructures on Raman enhancement. <i>Nanoscale</i> , 2018, 10, 16895-16901.	2.8	24
110	Graphene Oxide Architectures Prepared by Molecular Combing on Hydrophilicâ€Hydrophobic Micropatterns. <i>Small</i> , 2014, 10, 2239-2244.	5.2	23
111	Synthesis of WO ₃ /WX ₂ (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
112	Direct Observation of the Light-Induced Exfoliation of Molybdenum Disulfide Sheets in Water Medium. <i>ACS Nano</i> , 2021, 15, 5661-5670.	7.3	21
113	Optical thickness identification of transition metal dichalcogenide nanosheets on transparent substrates. <i>Nanotechnology</i> , 2017, 28, 164001.	1.3	20
114	Unconventional solution-phase epitaxial growth of organic-inorganic hybrid perovskite nanocrystals on metal sulfide nanosheets. <i>Science China Materials</i> , 2019, 62, 43-53.	3.5	20
115	Design of Layer-Structured KAlF ₄ :Yb/Er for Pressure-Enhanced Upconversion Luminescence. <i>Advanced Optical Materials</i> , 2020, 8, 1901031.	3.6	20
116	Horseradish peroxidase-triggered direct in situ fluorescent immunoassay platform for sensing cardiac troponin I and SARS-CoV-2 nucleocapsid protein in serum. <i>Biosensors and Bioelectronics</i> , 2022, 198, 113823.	5.3	19
117	Supramolecular Structures of Amyloid-Related Peptides in an Ambient Water Nanofilm. <i>Journal of Physical Chemistry B</i> , 2010, 114, 15759-15765.	1.2	18
118	Wafer-Scale Ultrathin Two-Dimensional Conjugated Microporous Polymers: Preparation and Application in Heterostructure Devices. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 4010-4017.	4.0	18
119	Organic Solvents Mediate Self-assembly of GAV-9 Peptide on Mica Surface. <i>Acta Biochimica Et Biophysica Sinica</i> , 2007, 39, 285-289.	0.9	17
120	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
121	Mesoscopic organic nanosheets peeled from stacked 2D covalent frameworks. <i>Chemical Communications</i> , 2011, 47, 7365.	2.2	17
122	Anion-dependent topochemical conversion of CoAl-LDH microplates to hierarchical superstructures of CoOOH nanoplates with controllable orientation. <i>Chemical Communications</i> , 2020, 56, 10285-10288.	2.2	17
123	Wrapping Plasmonic Silver Nanoparticles inside One-Dimensional Nanoscrolls of Transition-Metal Dichalcogenides for Enhanced Photoresponse. <i>Inorganic Chemistry</i> , 2021, 60, 4226-4235.	1.9	17
124	Immobilization of Recombinant Vault Nanoparticles on Solid Substrates. <i>ACS Nano</i> , 2010, 4, 1417-1424.	7.3	16
125	Single-layer graphene oxide sheet: a novel substrate for dip-pen nanolithography. <i>Chemical Communications</i> , 2011, 47, 10070.	2.2	16
126	A new V-shaped triphenylamine/diketopyrrolopyrrole containing donor material for small molecule organic solar cells. <i>RSC Advances</i> , 2015, 5, 68192-68199.	1.7	16

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127	Scrolling up graphene oxide nanosheets assisted by self-assembled monolayers of alkanethiols. <i>Nanoscale</i> , 2017, 9, 9997-10001.	2.8	16
128	Graphene oxide scroll meshes encapsulated Ag nanoparticles for humidity sensing. <i>RSC Advances</i> , 2017, 7, 40119-40123.	1.7	16
129	Effect of nanostructured silicon on surface enhanced Raman scattering. <i>RSC Advances</i> , 2018, 8, 6629-6633.	1.7	16
130	Accelerating the startup of microbial fuel cells by facile microbial acclimation. <i>Bioresource Technology Reports</i> , 2019, 8, 100347.	1.5	16
131	Probing interlayer interactions in WSe ₂ -graphene heterostructures by ultralow-frequency Raman spectroscopy. <i>Frontiers of Physics</i> , 2019, 14, 1.	2.4	16
132	Chiral cation promoted interfacial charge extraction for efficient tin-based perovskite solar cells. <i>Journal of Energy Chemistry</i> , 2022, 68, 789-796.	7.1	16
133	Peptide Self-Assembly on Mica under Ethanol-Containing Atmospheres: Effects of Ethanol on Epitaxial Growth of Peptide Nanofilaments. <i>Journal of Physical Chemistry B</i> , 2012, 116, 2927-2933.	1.2	15
134	A Universal Strategy for Stretchable Polymer Nonvolatile Memory via Tailoring Nanostructured Surfaces. <i>Scientific Reports</i> , 2019, 9, 10337.	1.6	15
135	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
136	Grafting polymerization of single-handed helical poly(phenyl isocyanide)s on graphene oxide and their application in enantioselective separation. <i>Journal of Polymer Science Part A</i> , 2017, 55, 2092-2103.	2.5	14
137	Ethanol Assisted Transfer for Clean Assembly of 2D Building Blocks and Suspended Structures. <i>Advanced Functional Materials</i> , 2019, 29, 1902427.	7.8	14
138	Silver Nanowire-Templated Molecular Nanopatterning and Nanoparticle Assembly for Surface-Enhanced Raman Scattering. <i>Chemistry - A European Journal</i> , 2019, 25, 10561-10565.	1.7	13
139	Temperature-dependent photoluminescence and time-resolved photoluminescence study of monolayer molybdenum disulfide. <i>Optical Materials</i> , 2020, 107, 110150.	1.7	13
140	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
141	Graphene Oxide Scroll Meshes Prepared by Molecular Combing for Transparent and Flexible Electrodes. <i>Advanced Materials Technologies</i> , 2017, 2, 1600231.	3.0	12
142	Morphological and Spectroscopic Characterizations of Monolayer and Few-Layer MoS ₂ and WSe ₂ Nanosheets under Oxygen Plasma Treatment with Different Excitation Power: Implications for Modulating Electronic Properties. <i>ACS Applied Nano Materials</i> , 2020, 3, 4218-4230.	2.4	12
143	Ultralow-frequency Raman system down to 10 cm ⁻¹ with longpass edge filters and its application to the interface coupling in t(2+2)LGs. <i>Review of Scientific Instruments</i> , 2016, 87, 053122.	0.6	11
144	Surface-Induced Synthesis and Self-Assembly of Metal Suprastructures. <i>Small</i> , 2010, 6, 2708-2715.	5.2	10

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145	Facile growth of a single-crystal pattern: a case study of HKUST-1. <i>Chemical Communications</i> , 2012, 48, 11901.	2.2	10
146	Solvent-Free Preparation of Closely Packed MoS ₂ Nanoscrolls for Improved Photosensitivity. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 9515-9524.	4.0	10
147	Intrinsic effect of interfacial coupling on the high-frequency intralayer modes in twisted multilayer MoTe ₂ . <i>Nanoscale</i> , 2021, 13, 9732-9739.	2.8	9
148	Coplanar Pt/C Nanomeshes with Ultrastable Oxygen Reduction Performance in Fuel Cells. <i>Angewandte Chemie</i> , 2021, 133, 6607-6612.	1.6	9
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