

Xiaoxu Zhao

List of Publications by Year in descending order

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139
papers

9,304
citations

28190

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times ranked

12088
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#	ARTICLE	IF	CITATIONS
1	Hierarchically Porous Carbon Plates Derived from Wood as Bifunctional ORR/OER Electrodes. <i>Advanced Materials</i> , 2019, 31, e1900341.	11.1	320
2	Direct Synthesis of Large-Area 2D Mo ₂ C on In Situ Grown Graphene. <i>Advanced Materials</i> , 2017, 29, 1700072.	11.1	305
3	Scalable two-step annealing method for preparing ultra-high-density single-atom catalyst libraries. <i>Nature Nanotechnology</i> , 2022, 17, 174-181.	15.6	279
4	Chemical Vapor Deposition of Large-Size Monolayer MoSe ₂ Crystals on Molten Glass. <i>Journal of the American Chemical Society</i> , 2017, 139, 1073-1076.	6.6	258
5	Chemically Exfoliated VSe ₂ Monolayers with Room-Temperature Ferromagnetism. <i>Advanced Materials</i> , 2019, 31, e1903779.	11.1	251
6	Atomically-thin Bi ₂ MoO ₆ nanosheets with vacancy pairs for improved photocatalytic CO ₂ reduction. <i>Nano Energy</i> , 2019, 61, 54-59.	8.2	243
7	Fabrication of Flexible Thermoelectric Thin Film Devices by Inkjet Printing. <i>Small</i> , 2014, 10, 3551-3554.	5.2	219
8	Defect Engineering of Two-Dimensional Transition-Metal Dichalcogenides: Applications, Challenges, and Opportunities. <i>ACS Nano</i> , 2021, 15, 2165-2181.	7.3	217
9	Phase Restructuring in Transition Metal Dichalcogenides for Highly Stable Energy Storage. <i>ACS Nano</i> , 2016, 10, 9208-9215.	7.3	216
10	Epitaxial Growth of Centimeter-Scale Single-Crystal MoS ₂ Monolayer on Au(111). <i>ACS Nano</i> , 2020, 14, 5036-5045.	7.3	211
11	Olivine-Type Nanosheets for Lithium Ion Battery Cathodes. <i>ACS Nano</i> , 2013, 7, 5637-5646.	7.3	210
12	Atomically Dispersed Cobalt Trifunctional Electrocatalysts with Tailored Coordination Environment for Flexible Rechargeable Zn-Air Battery and Self-Driven Water Splitting. <i>Advanced Energy Materials</i> , 2020, 10, 2002896.	10.2	210
13	Engineering covalently bonded 2D layered materials by self-intercalation. <i>Nature</i> , 2020, 581, 171-177.	13.7	185
14	Ultrasensitive 2D Bi ₂ O ₂ Se Phototransistors on Silicon Substrates. <i>Advanced Materials</i> , 2019, 31, e1804945.	11.1	183
15	Interface confined hydrogen evolution reaction in zero valent metal nanoparticles-intercalated molybdenum disulfide. <i>Nature Communications</i> , 2017, 8, 14548.	5.8	174
16	Chemical Stabilization of 1T ϵ^2 Phase Transition Metal Dichalcogenides with Giant Optical Kerr Nonlinearity. <i>Journal of the American Chemical Society</i> , 2017, 139, 2504-2511.	6.6	171
17	Molecular Beam Epitaxy of Highly Crystalline Monolayer Molybdenum Disulfide on Hexagonal Boron Nitride. <i>Journal of the American Chemical Society</i> , 2017, 139, 9392-9400.	6.6	167
18	Molecular-Beam Epitaxy of Two-Dimensional In ₂ Se ₃ and Its Giant Electroresistance Switching in Ferroresistive Memory Junction. <i>Nano Letters</i> , 2018, 18, 6340-6346.	4.5	163

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19	Highly Efficient 2D NIR-Responsive Photothermal Agent with Fenton Catalytic Activity for Cancer Synergistic Photothermal-Chemodynamic Therapy. <i>Advanced Science</i> , 2020, 7, 1902576.	5.6	153
20	Single-Atom Coated Separator for Robust Lithium-Sulfur Batteries. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 25147-25154.	4.0	152
21	A non-dispersion strategy for large-scale production of ultra-high concentration graphene slurries in water. <i>Nature Communications</i> , 2018, 9, 76.	5.8	151
22	Atomic engineering of high-density isolated Co atoms on graphene with proximal-atom controlled reaction selectivity. <i>Nature Communications</i> , 2018, 9, 3197.	5.8	146
23	Gate-Tunable In-Plane Ferroelectricity in Few-Layer SnS. <i>Nano Letters</i> , 2019, 19, 5109-5117.	4.5	129
24	Chemical Vapor Deposition of High-Quality Large-Sized MoS ₂ Crystals on Silicon Dioxide Substrates. <i>Advanced Science</i> , 2016, 3, 1500033.	5.6	128
25	<i>In Situ</i> Observation and Electrochemical Study of Encapsulated Sulfur Nanoparticles by MoS ₂ Flakes. <i>Journal of the American Chemical Society</i> , 2017, 139, 10133-10141.	6.6	126
26	Engineering Local and Global Structures of Single Co Atoms for a Superior Oxygen Reduction Reaction. <i>ACS Catalysis</i> , 2020, 10, 5862-5870.	5.5	126
27	Controllable deuteration of halogenated compounds by photocatalytic D ₂ O splitting. <i>Nature Communications</i> , 2018, 9, 80.	5.8	123
28	Atomically Dispersed Indium Sites for Selective CO ₂ Electroreduction to Formic Acid. <i>ACS Nano</i> , 2021, 15, 5671-5678.	7.3	121
29	Phase-controllable growth of ultrathin 2D magnetic FeTe crystals. <i>Nature Communications</i> , 2020, 11, 3729.	5.8	120
30	Controlled Growth and Thickness-Dependent Conduction-Type Transition of 2D Ferrimagnetic Cr ₂ S ₃ Semiconductors. <i>Advanced Materials</i> , 2020, 32, e1905896.	11.1	114
31	Controlled growth of ultrathin Mo ₂ C superconducting crystals on liquid Cu surface. <i>2D Materials</i> , 2017, 4, 011012.	2.0	112
32	Atomically-precise dopant-controlled single cluster catalysis for electrochemical nitrogen reduction. <i>Nature Communications</i> , 2020, 11, 4389.	5.8	110
33	Mo-Terminated Edge Reconstructions in Nanoporous Molybdenum Disulfide Film. <i>Nano Letters</i> , 2018, 18, 482-490.	4.5	105
34	Printable two-dimensional superconducting monolayers. <i>Nature Materials</i> , 2021, 20, 181-187.	13.3	102
35	Enhanced Recyclability, Stability, and Selectivity of CdS/C@Fe ₃ O ₄ Nanoreactors for Orientation Photodegradation of Ciprofloxacin. <i>Chemistry - A European Journal</i> , 2015, 21, 18528-18533.	1.7	100
36	Rapid, Scalable Construction of Highly Crystalline Acylhydrazone Two-Dimensional Covalent Organic Frameworks via Dipole-Induced Antiparallel Stacking. <i>Journal of the American Chemical Society</i> , 2020, 142, 4932-4943.	6.6	99

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37	Tuning the Spin Density of Cobalt Single-Atom Catalysts for Efficient Oxygen Evolution. ACS Nano, 2021, 15, 7105-7113.	7.3	90
38	Partitioning the interlayer space of covalent organic frameworks by embedding pseudorotaxanes in their backbones. Nature Chemistry, 2020, 12, 1115-1122.	6.6	88
39	Ordered clustering of single atomic Te vacancies in atomically thin PtTe ₂ promotes hydrogen evolution catalysis. Nature Communications, 2021, 12, 2351.	5.8	83
40	Specific oriented recognition of a new stable ICTX@Mfa with retrievability for selective photocatalytic degrading of ciprofloxacin. Catalysis Science and Technology, 2016, 6, 1367-1377.	2.1	79
41	Single crystal of a one-dimensional metallo-covalent organic framework. Nature Communications, 2020, 11, 1434.	5.8	77
42	Photoluminescence Upconversion by Defects in Hexagonal Boron Nitride. Nano Letters, 2018, 18, 6898-6905.	4.5	76
43	Differentiating Polymorphs in Molybdenum Disulfide via Electron Microscopy. Advanced Materials, 2018, 30, e1802397.	11.1	75
44	Molecular Beam Epitaxy of Highly Crystalline MoSe ₂ on Hexagonal Boron Nitride. ACS Nano, 2018, 12, 7562-7570.	7.3	70
45	Enhanced Valley Zeeman Splitting in Fe-Doped Monolayer MoS ₂ . ACS Nano, 2020, 14, 4636-4645.	7.3	69
46	Atom-by-Atom Fabrication of Monolayer Molybdenum Membranes. Advanced Materials, 2018, 30, e1707281.	11.1	66
47	Improved photoelectric performance via fabricated heterojunction g-C ₃ N ₄ /TiO ₂ /HNTs loaded photocatalysts for photodegradation of ciprofloxacin. Journal of Industrial and Engineering Chemistry, 2018, 64, 206-218.	2.9	66
48	A novel hollow capsule-like recyclable functional ZnO/C/Fe ₃ O ₄ endowed with three-dimensional oriented recognition ability for selectively photodegrading danofloxacin mesylate. Catalysis Science and Technology, 2016, 6, 6513-6524.	2.1	65
49	Temperature- and Phase-Dependent Phonon Renormalization in 1T'-MoS ₂ . ACS Nano, 2018, 12, 5051-5058.	7.3	63
50	Homoepitaxial Growth of Large-Scale Highly Organized Transition Metal Dichalcogenide Patterns. Advanced Materials, 2018, 30, 1704674.	11.1	63
51	Engineering and modifying two-dimensional materials by electron beams. MRS Bulletin, 2017, 42, 667-676.	1.7	62
52	Spin-Valley Locking Effect in Defect States of Monolayer MoS ₂ . Nano Letters, 2020, 20, 2129-2136.	4.5	61
53	Two-Dimensional Metallic NiTe ₂ with Ultrahigh Environmental Stability, Conductivity, and Electrocatalytic Activity. ACS Nano, 2020, 14, 9011-9020.	7.3	60
54	Lateral Epitaxy of Atomically Sharp WSe ₂ /WS ₂ Heterojunctions on Silicon Dioxide Substrates. Chemistry of Materials, 2016, 28, 7194-7197.	3.2	59

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55	Edge Segregated Polymorphism in 2D Molybdenum Carbide. <i>Advanced Materials</i> , 2019, 31, e1808343.	11.1	56
56	Zero-valent Palladium Single-Atom Catalysts Confined in Black Phosphorus for Efficient Semi-hydrogenation. <i>Advanced Materials</i> , 2021, 33, e2008471.	11.1	55
57	Surface imprinting of a g-C ₃ N ₄ photocatalyst for enhanced photocatalytic activity and selectivity towards photodegradation of 2-mercaptobenzothiazole. <i>RSC Advances</i> , 2015, 5, 40726-40736.	1.7	54
58	Large Area Synthesis of 1D MoSe ₂ Using Molecular Beam Epitaxy. <i>Advanced Materials</i> , 2017, 29, 1605641.	11.1	54
59	High thermoelectric performance enabled by convergence of nested conduction bands in Pb ₇ Bi ₄ Se ₁₃ with low thermal conductivity. <i>Nature Communications</i> , 2021, 12, 4793.	5.8	53
60	Strain Modulation by van der Waals Coupling in Bilayer Transition Metal Dichalcogenide. <i>ACS Nano</i> , 2018, 12, 1940-1948.	7.3	51
61	Phase-Controlled Synthesis of Monolayer Ternary Telluride with a Random Local Displacement of Tellurium Atoms. <i>Advanced Materials</i> , 2019, 31, e1900862.	11.1	51
62	From All-Triazine C ₃ N ₃ Framework to Nitrogen-Doped Carbon Nanotubes: Efficient and Durable Trifunctional Electrocatalysts. <i>ACS Applied Nano Materials</i> , 2019, 2, 7969-7977.	2.4	49
63	Two-Dimensional Metallic Vanadium Ditelluride as a High-Performance Electrode Material. <i>ACS Nano</i> , 2021, 15, 1858-1868.	7.3	49
64	High-Energy Gain Upconversion in Monolayer Tungsten Disulfide Photodetectors. <i>Nano Letters</i> , 2019, 19, 5595-5603.	4.5	41
65	Promoted Glycerol Oxidation Reaction in an Interface-Confined Hierarchically Structured Catalyst. <i>Advanced Materials</i> , 2019, 31, e1804763.	11.1	40
66	Iron Single Atom Catalyzed Quinoline Synthesis. <i>Advanced Materials</i> , 2021, 33, e2101382.	11.1	39
67	Electronegativity-Induced Charge Balancing to Boost Stability and Activity of Amorphous Electrocatalysts. <i>Advanced Materials</i> , 2022, 34, e2100537.	11.1	39
68	Healing of Planar Defects in 2D Materials via Grain Boundary Sliding. <i>Advanced Materials</i> , 2019, 31, e1900237.	11.1	38
69	Visible-light driven room-temperature coupling of methane to ethane by atomically dispersed Au on WO ₃ . <i>Journal of Energy Chemistry</i> , 2021, 61, 195-202.	7.1	38
70	A machine perspective of atomic defects in scanning transmission electron microscopy. <i>Informa Materials</i> , 2019, 1, 359-375.	8.5	37
71	Divergent Chemistry Paths for 3D and 1D Metallo-Covalent Organic Frameworks (COFs). <i>Angewandte Chemie - International Edition</i> , 2020, 59, 11527-11532.	7.2	35
72	MoTe ₂ : Semiconductor or Semimetal?. <i>ACS Nano</i> , 2021, 15, 12465-12474.	7.3	34

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73	Epitaxial growth of inch-scale single-crystal transition metal dichalcogenides through the patching of unidirectionally orientated ribbons. <i>Nature Communications</i> , 2022, 13, .	5.8	34
74	Biochemical evidence for a mitochondrial genetic modifier in the phenotypic manifestation of Leber's hereditary optic neuropathy-associated mitochondrial DNA mutation. <i>Human Molecular Genetics</i> , 2016, 25, 3613-3625.	1.4	32
75	Space-confined microwave synthesis of ternary-layered BiOCl crystals with high-performance ultraviolet photodetection. <i>Informa-Materials</i> , 2020, 2, 593-600.	8.5	32
76	Expedient synthesis of E -hydrazone esters and 1- H -indazole scaffolds through heterogeneous single-atom platinum catalysis. <i>Science Advances</i> , 2019, 5, eaay1537.	4.7	31
77	Progress and prospects of aberration-corrected STEM for functional materials. <i>Ultramicroscopy</i> , 2018, 194, 182-192.	0.8	29
78	High-Yield Exfoliation of Monolayer $1T'$ - $MoTe_2$ as Saturable Absorber for Ultrafast Photonics. <i>ACS Nano</i> , 2021, 15, 18448-18457.	7.3	28
79	Ultralow-Threshold and High-Quality Whispering-Gallery-Mode Lasing from Colloidal Core/Hybrid-Shell Quantum Wells. <i>Advanced Materials</i> , 2022, 34, e2108884.	11.1	28
80	Mutation analysis of Leber's hereditary optic neuropathy using a multi-gene panel. <i>Biomedical Reports</i> , 2018, 8, 51-58.	0.9	27
81	The Atomic Circus: Small Electron Beams Spotlight Advanced Materials Down to the Atomic Scale. <i>Advanced Materials</i> , 2018, 30, e1802402.	11.1	27
82	Room Temperature Commensurate Charge Density Wave on Epitaxially Grown Bilayer 2H-Tantalum Sulfide on Hexagonal Boron Nitride. <i>ACS Nano</i> , 2020, 14, 3917-3926.	7.3	27
83	Building vertically-structured, high-performance electrodes by interlayer-confined reactions in accordion-like, chemically expanded graphite. <i>Nano Energy</i> , 2020, 70, 104482.	8.2	27
84	Controlled Growth of 3R Phase Tantalum Diselenide and Its Enhanced Superconductivity. <i>Journal of the American Chemical Society</i> , 2020, 142, 2948-2955.	6.6	27
85	High yield electrochemical exfoliation synthesis of tin selenide quantum dots for high-performance lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2019, 7, 23958-23963.	5.2	26
86	New Family of Plasmonic Photocatalysts without Noble Metals. <i>Chemistry of Materials</i> , 2019, 31, 2320-2327.	3.2	25
87	Imprinting Ferromagnetism and Superconductivity in Single Atomic Layers of Molecular Superlattices. <i>Advanced Materials</i> , 2020, 32, e1907645.	11.1	25
88	2D Cairo Pentagonal PdPS: Air-Stable Anisotropic Ternary Semiconductor with High Optoelectronic Performance. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	25
89	From Self-Assembly Hierarchical hBN Patterns to Centimeter-Scale Uniform Monolayer hBN Film. <i>Advanced Materials Interfaces</i> , 2019, 6, 1801493.	1.9	23
90	Electrochemically Exfoliated Platinum Dichalcogenide Atomic Layers for High-Performance Air-Stable Infrared Photodetectors. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 8518-8527.	4.0	23

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91	Addressing the quantitative conversion bottleneck in single-atom catalysis. <i>Nature Communications</i> , 2022, 13, 2807.	5.8	23
92	Domain Engineering in ReS ₂ by Coupling Strain during Electrochemical Exfoliation. <i>Advanced Functional Materials</i> , 2020, 30, 2003057.	7.8	22
93	High-Concentration Niobium-Substituted WS ₂ Basal Domains with Reconfigured Electronic Band Structure for Hydrogen Evolution Reaction. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 34862-34868.	4.0	21
94	Growth of Si nanowires in porous carbon with enhanced cycling stability for Li-ion storage. <i>Journal of Power Sources</i> , 2014, 250, 160-165.	4.0	20
95	Hypertension-associated mitochondrial DNA 4401A>G mutation caused the aberrant processing of tRNAMet, all 8 tRNAs and ND6 mRNA in the light-strand transcript. <i>Nucleic Acids Research</i> , 2019, 47, 10340-10356.	6.5	20
96	Enhanced selective photocatalytic properties of a novel magnetic retrievable imprinted ZnFe ₂ O ₄ /PPy composite with specific recognition ability. <i>RSC Advances</i> , 2016, 6, 51877-51887.	1.7	19
97	Phase-Controlled Synthesis of Monolayer W _{1-x} Re _x S ₂ Alloy with Improved Photoresponse Performance. <i>Small</i> , 2020, 16, 2000852.	5.2	18
98	Molecular engineered palladium single atom catalysts with an M-C ₁ N ₃ subunit for Suzuki coupling. <i>Journal of Materials Chemistry A</i> , 2021, 9, 11427-11432.	5.2	18
99	Phase-Tunable Synthesis and Etching-Free Transfer of Two-Dimensional Magnetic FeTe. <i>ACS Nano</i> , 2021, 15, 19089-19097.	7.3	18
100	Effects of precursor pre-treatment on the vapor deposition of WS ₂ monolayers. <i>Nanoscale Advances</i> , 2019, 1, 953-960.	2.2	17
101	Aqueous solution synthesis of (Sb, Bi) ₂ (Te, Se) ₃ nanocrystals with controllable composition and morphology. <i>Journal of Materials Chemistry C</i> , 2013, 1, 6271.	2.7	16
102	Location-selective growth of two-dimensional metallic/semiconducting transition metal dichalcogenide heterostructures. <i>Nanoscale</i> , 2019, 11, 4183-4189.	2.8	16
103	Unveiling Atomic-Scale Moiré Features and Atomic Reconstructions in High-Angle Commensurately Twisted Transition Metal Dichalcogenide Homobilayers. <i>Nano Letters</i> , 2021, 21, 3262-3270.	4.5	15
104	Direct Laser Patterning of a 2D WSe ₂ Logic Circuit. <i>Advanced Functional Materials</i> , 2021, 31, 2009549.	7.8	15
105	Chemical Vapor Deposition of Superconducting FeTe _{1-x} Se _x Nanosheets. <i>Nano Letters</i> , 2021, 21, 5338-5344.	4.5	15
106	Synthesis of stable core-shell structured TiO ₂ @Fe ₃ O ₄ based on carbon derived from yeast with an enhanced photocatalytic ability. <i>RSC Advances</i> , 2016, 6, 46889-46899.	1.7	14
107	Few-layer 1T [±] MoTe ₂ as gapless semimetal with thickness dependent carrier transport. <i>2D Materials</i> , 2018, 5, 031010.	2.0	14
108	Fabrication of a visible-light In ₂ S ₃ /BiPO ₄ heterojunction with enhanced photocatalytic activity. <i>New Journal of Chemistry</i> , 2018, 42, 15136-15145.	1.4	13

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109	Atomically Precise Single Metal Oxide Cluster Catalyst with Oxygen-Controlled Activity. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	13
110	Strong Moiré Excitons in High-Angle Twisted Transition Metal Dichalcogenide Homobilayers with Robust Commensuration. <i>Nano Letters</i> , 2022, 22, 203-210.	4.5	12
111	Controllable Synthesis Quadratic-Dependent Unsaturated Magnetoresistance of Two-Dimensional Nonlayered Fe ₇ S ₈ with Robust Environmental Stability. <i>ACS Nano</i> , 2022, 16, 8301-8308.	7.3	12
112	Model updating of suspended-dome using artificial neural networks. <i>Advances in Structural Engineering</i> , 2017, 20, 1727-1743.	1.2	11
113	Anisotropic point defects in rhenium diselenide monolayers. <i>IScience</i> , 2021, 24, 103456.	1.9	11
114	Divergent Chemistry Paths for 3D and 1D Metallo-Covalent Organic Frameworks (COFs). <i>Angewandte Chemie</i> , 2020, 132, 11624-11629.	1.6	10
115	An Anomalous Magneto-Optic Effect in Epitaxial Indium Selenide Layers. <i>Nano Letters</i> , 2020, 20, 5330-5338.	4.5	10
116	Learning motifs and their hierarchies in atomic resolution microscopy. <i>Science Advances</i> , 2022, 8, eabk1005.	4.7	10
117	A novel CdS photocatalyst based on magnetic fly ash cenospheres as the carrier: performance and mechanism. <i>RSC Advances</i> , 2014, 4, 60148-60157.	1.7	9
118	2D Electrolytes: Theory, Modeling, Synthesis, and Characterization. <i>Advanced Materials</i> , 2021, 33, 2100442.	11.1	9
119	Epitaxial Growth of Step-Like Cr ₂ S ₃ Lateral Homojunctions Towards Versatile Conduction Polarities and Enhanced Transistor Performances. <i>Small</i> , 2022, 18, e2105744.	5.2	9
120	Overexpression of human mitochondrial alanyl-tRNA synthetase suppresses biochemical defects of the mt-tRNA ^{Ala} mutation in cybrids. <i>International Journal of Biological Sciences</i> , 2018, 14, 1437-1444.	2.6	8
121	Phenotype, genotype and long-term prognosis of 40 Chinese patients with isobutyryl-CoA dehydrogenase deficiency and a review of variant spectra in ACAD8. <i>Orphanet Journal of Rare Diseases</i> , 2021, 16, 392.	1.2	8
122	Chemical Vapor Deposition of Phase-Pure 2D 1T-CrS ₂ . <i>Physica Status Solidi - Rapid Research Letters</i> , 2022, 16, .	1.2	8
123	Synthesis of Fe ₃ O ₄ /C with Cauliflower-Like BiVO ₄ for Improved Separation Efficiency of Charge Carriers and Photocatalytic Activity. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 4675-4683.	0.9	7
124	Self-sacrificing template strategy to non-noble Bi modified BiVO ₄ for promoted visible light photocatalytic performance. <i>Chemical Physics Letters</i> , 2020, 755, 137786.	1.2	7
125	Nanocrystalline diamond film grown by pulsed linear antenna microwave CVD. <i>Diamond and Related Materials</i> , 2021, 119, 108576.	1.8	6
126	Electron beam triggered single-atom dynamics in two-dimensional materials. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 063001.	0.7	6

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127	Solid-Ionic Memory in a van der Waals Heterostructure. ACS Nano, 2022, 16, 221-231.	7.3	6
128	Dimensional crossover in self-intercalated antiferromagnetic V_5S_8 nanoflakes. Physical Review B, 2022, 105, .	1.1	6
129	Thermal-Assisted Vertical Electron Injections in Few-Layer Pyramidal-Structured MoS_2 Crystals. Journal of Physical Chemistry Letters, 2019, 10, 1292-1299.	2.1	5
130	A comparison of free-hand method and electromagnetic navigation technique for the distal locking during intramedullary nailing procedures: a meta-analysis. Archives of Orthopaedic and Trauma Surgery, 2021, 141, 45-53.	1.3	5
131	Single-Atom Catalysts: Atomically Dispersed Cobalt Trifunctional Electrocatalysts with Tailored Coordination Environment for Flexible Rechargeable Zn-Air Battery and Self-Driven Water Splitting (Adv. Energy Mater. 48/2020). Advanced Energy Materials, 2020, 10, 2070195.	10.2	4
132	Recent Developments in Chemical Vapor Deposition of 2D Magnetic Transition Metal Chalcogenides. ACS Applied Electronic Materials, 2022, 4, 3303-3324.	2.0	4
133	Lithography-free, high-density $MoTe_2$ nanoribbon arrays. Materials Today, 2022, 58, 8-17.	8.3	4
134	Molybdenum Disulfid: Differentiating Polymorphs in Molybdenum Disulfide via Electron Microscopy (Adv. Mater. 47/2018). Advanced Materials, 2018, 30, 1870360.	11.1	2
135	Designing Energy Materials via Atomic-resolution Microscopy and Spectroscopy. Microscopy and Microanalysis, 2019, 25, 1998-1999.	0.2	1
136	Ultralow-Threshold and High-Quality Whispering-Gallery-Mode Lasing from Colloidal Core/Hybrid-Shell Quantum Wells (Adv. Mater. 13/2022). Advanced Materials, 2022, 34, .	11.1	1
137	Frontispiece: Enhanced Recyclability, Stability, and Selectivity of $CdS/C@Fe_3O_4$ Nanoreactors for Orientation Photodegradation of Ciprofloxacin. Chemistry - A European Journal, 2015, 21, .	1.7	0
138	Engineering and Modifying Two-Dimensional Materials via Electron Beams. Microscopy and Microanalysis, 2019, 25, 1474-1475.	0.2	0
139	Imaging and modifying 2D materials by STEM. , 2021, , .		0