

Wenjing Zhang

List of Publications by Year in descending order

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149
papers

17,979
citations

36271

51
h-index

12585

132
g-index

150
all docs

150
docs citations

150
times ranked

22823
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of Large-Area MoS ₂ Atomic Layers with Chemical Vapor Deposition. <i>Advanced Materials</i> , 2012, 24, 2320-2325.	11.1	2,956
2	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
3	Rational molecular passivation for high-performance perovskite light-emitting diodes. <i>Nature Photonics</i> , 2019, 13, 418-424.	15.6	970
4	High-Gain Phototransistors Based on a CVD MoS ₂ Monolayer. <i>Advanced Materials</i> , 2013, 25, 3456-3461.	11.1	891
5	Ultrahigh-Gain Photodetectors Based on Atomically Thin Graphene-MoS ₂ Heterostructures. <i>Scientific Reports</i> , 2014, 4, 3826.	1.6	771
6	Highly Efficient Electrocatalytic Hydrogen Production by MoS ₂ Grown on Graphene-Protected 3D Ni Foams. <i>Advanced Materials</i> , 2013, 25, 756-760.	11.1	693
7	Wafer-scale MoS ₂ thin layers prepared by MoO ₃ sulfurization. <i>Nanoscale</i> , 2012, 4, 6637.	2.8	621
8	Monolayer MoSe ₂ Grown by Chemical Vapor Deposition for Fast Photodetection. <i>ACS Nano</i> , 2014, 8, 8582-8590.	7.3	515
9	Electrical and Spectroscopic Characterizations of Ultra-Large Reduced Graphene Oxide Monolayers. <i>Chemistry of Materials</i> , 2009, 21, 5674-5680.	3.2	476
10	Role of Metal Contacts in High-Performance Phototransistors Based on WSe ₂ Monolayers. <i>ACS Nano</i> , 2014, 8, 8653-8661.	7.3	380
11	Bandgap tunability at single-layer molybdenum disulphide grain boundaries. <i>Nature Communications</i> , 2015, 6, 6298.	5.8	358
12	High Performance and Stable All-Inorganic Metal Halide Perovskite-Based Photodetectors for Optical Communication Applications. <i>Advanced Materials</i> , 2018, 30, e1803422.	11.1	342
13	Direct Formation of Wafer Scale Graphene Thin Layers on Insulating Substrates by Chemical Vapor Deposition. <i>Nano Letters</i> , 2011, 11, 3612-3616.	4.5	302
14	Graphene/MoS ₂ Heterostructures for Ultrasensitive Detection of DNA Hybridisation. <i>Advanced Materials</i> , 2014, 26, 4838-4844.	11.1	290
15	Spectroscopic Signatures for Interlayer Coupling in MoS ₂ -WSe ₂ van der Waals Stacking. <i>ACS Nano</i> , 2014, 8, 9649-9656.	7.3	288
16	Ultrahigh-current-density niobium disulfide catalysts for hydrogen evolution. <i>Nature Materials</i> , 2019, 18, 1309-1314.	13.3	280
17	Nitrogen-Doped Graphene Sheets Grown by Chemical Vapor Deposition: Synthesis and Influence of Nitrogen Impurities on Carrier Transport. <i>ACS Nano</i> , 2013, 7, 6522-6532.	7.3	264
18	Giant photoluminescence enhancement in tungsten-diselenide-gold plasmonic hybrid structures. <i>Nature Communications</i> , 2016, 7, 11283.	5.8	244

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19	Highly Efficient Restoration of Graphitic Structure in Graphene Oxide Using Alcohol Vapors. ACS Nano, 2010, 4, 5285-5292.	7.3	242
20	High-Performance, Room Temperature, Ultra-Broadband Photodetectors Based on Air-Stable PdSe ₂ . Advanced Materials, 2019, 31, e1807609.	11.1	223
21	Opening an Electrical Band Gap of Bilayer Graphene with Molecular Doping. ACS Nano, 2011, 5, 7517-7524.	7.3	222
22	Van der Waals stacked 2D layered materials for optoelectronics. 2D Materials, 2016, 3, 022001.	2.0	213
23	Ultra-large single-layer graphene obtained from solution chemical reduction and its electrical properties. Physical Chemistry Chemical Physics, 2010, 12, 2164.	1.3	176
24	Poly(2-Oxazoline)-Based Functional Peptide Mimics: Eradicating MRSA Infections and Persisters while Alleviating Antimicrobial Resistance. Angewandte Chemie - International Edition, 2020, 59, 6412-6419.	7.2	162
25	Fluorinated Graphene as High Performance Dielectric Materials and the Applications for Graphene Nanoelectronics. Scientific Reports, 2014, 4, 5893.	1.6	147
26	Photoelectrical Response in Single-Layer Graphene Transistors. Small, 2009, 5, 2005-2011.	5.2	141
27	One-step synthesis of single-site vanadium substitution in 1T-WS ₂ monolayers for enhanced hydrogen evolution catalysis. Nature Communications, 2021, 12, 709.	5.8	137
28	Enhanced Electrocatalytic Hydrogen Evolution Activity in Single-Atom Pt-Decorated VS ₂ Nanosheets. ACS Nano, 2020, 14, 5600-5608.	7.3	135
29	Impact of Antifouling PEG Layer on the Performance of Functional Peptides in Regulating Cell Behaviors. Journal of the American Chemical Society, 2019, 141, 16772-16780.	6.6	133
30	Stable, High-Sensitivity and Fast-Response Photodetectors Based on Lead-Free Cs ₂ AgBiBr ₆ Double Perovskite Films. Advanced Optical Materials, 2019, 7, 1801732.	3.6	126
31	Bidirectional optical signal transmission between two identical devices using perovskite diodes. Nature Electronics, 2020, 3, 156-164.	13.1	126
32	Symmetrical synergy of hybrid Co ₉ S ₈ -MoS _x electrocatalysts for hydrogen evolution reaction. Nano Energy, 2017, 32, 470-478.	8.2	116
33	Single Atomic Vacancy Catalysis. ACS Nano, 2019, 13, 9958-9964.	7.3	111
34	Converting Graphene Oxide Monolayers into Boron Carbonitride Nanosheets by Substitutional Doping. Small, 2012, 8, 1384-1391.	5.2	101
35	Addressing MRSA infection and antibacterial resistance with peptoid polymers. Nature Communications, 2021, 12, 5898.	5.8	97
36	Plasmon-Free Surface-Enhanced Raman Spectroscopy Using Metallic 2D Materials. ACS Nano, 2019, 13, 8312-8319.	7.3	94

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37	High Yield and Low Cost Solar Water Purification via Hydrogel-Based Membrane Distillation. <i>Advanced Functional Materials</i> , 2021, 31, 2101036.	7.8	90
38	Heterointerface Screening Effects between Organic Monolayers and Monolayer Transition Metal Dichalcogenides. <i>ACS Nano</i> , 2016, 10, 2476-2484.	7.3	87
39	Phase Identification and Strong Second Harmonic Generation in Pure μ -InSe and Its Alloys. <i>Nano Letters</i> , 2019, 19, 2634-2640.	4.5	86
40	Host defense peptide mimicking poly- β -peptides with fast, potent and broad spectrum antibacterial activities. <i>Biomaterials Science</i> , 2019, 7, 2144-2151.	2.6	83
41	Symmetric synergy of hybrid CoS_2 – WS_2 electrocatalysts for the hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2017, 5, 15552-15558.	5.2	81
42	Tunable inverted gap in monolayer quasi-metallic MoS_2 induced by strong charge-lattice coupling. <i>Nature Communications</i> , 2017, 8, 486.	5.8	75
43	Growth selectivity of hexagonal-boron nitride layers on Ni with various crystal orientations. <i>RSC Advances</i> , 2012, 2, 111-115.	1.7	72
44	Strong Interlayer Transition in Few-Layer InSe/PdSe_2 van der Waals Heterostructure for Near-Infrared Photodetection. <i>Advanced Functional Materials</i> , 2021, 31, 2104143.	7.8	69
45	Multi-heteroatom-doped hollow carbon tubes as robust electrocatalysts for the oxygen reduction reaction, oxygen and hydrogen evolution reaction. <i>Chemical Engineering Journal</i> , 2021, 418, 129321.	6.6	61
46	One-Step Formation of a Single Atomic-Layer Transistor by the Selective Fluorination of a Graphene Film. <i>Small</i> , 2014, 10, 989-997.	5.2	59
47	Two-step fabrication of single-layer rectangular SnSe flakes. <i>2D Materials</i> , 2017, 4, 021026.	2.0	57
48	Giant Optical Activity and Second Harmonic Generation in 2D Hybrid Copper Halides. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8441-8445.	7.2	57
49	Silk-Inspired β -Peptide Materials Resist Fouling and the Foreign-Body Response. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 9586-9593.	7.2	56
50	Gap States at Low-Angle Grain Boundaries in Monolayer Tungsten Diselenide. <i>Nano Letters</i> , 2016, 16, 3682-3688.	4.5	55
51	Energy Transfer from Photo-Excited Fluorene Polymers to Single-Walled Carbon Nanotubes. <i>Journal of Physical Chemistry C</i> , 2009, 113, 14946-14952.	1.5	54
52	Performance Improvement by Ozone Treatment of 2D PdSe_2 . <i>ACS Nano</i> , 2020, 14, 5668-5677.	7.3	54
53	Dual mechanism β -amino acid polymers promoting cell adhesion. <i>Nature Communications</i> , 2021, 12, 562.	5.8	54
54	Use of Single-Layer $g\text{-C}_3\text{N}_4/\text{Ag}$ Hybrids for Surface-Enhanced Raman Scattering (SERS). <i>Scientific Reports</i> , 2016, 6, 34599.	1.6	52

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55	Water-insensitive Synthesis of Poly(α -amino)peptides with Defined Architecture. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7240-7244.	7.2	50
56	Fabry-Perot Cavity-Enhanced Optical Absorption in Ultrasensitive Tunable Photodiodes Based on Hybrid 2D Materials. <i>Nano Letters</i> , 2017, 17, 7593-7598.	4.5	48
57	Mumps virus infection disrupts blood-testis barrier through the induction of TNF α in Sertoli cells. <i>FASEB Journal</i> , 2019, 33, 12528-12540.	0.2	47
58	Oxygen-induced controllable p-type doping in 2D semiconductor transition metal dichalcogenides. <i>Nano Research</i> , 2020, 13, 3439-3444.	5.8	47
59	The electrical properties of graphene modified by bromophenyl groups derived from a diazonium compound. <i>Carbon</i> , 2012, 50, 1517-1522.	5.4	45
60	Site-selective Bi ₂ Te ₃ -FeTe ₂ Heterostructure as a Broadband Saturable Absorber for Ultrafast Photonics. <i>Laser and Photonics Reviews</i> , 2020, 14, 1900409.	4.4	43
61	Nanodiode based on a multiwall CNx/carbon nanotube intramolecular junction. <i>Nanotechnology</i> , 2005, 16, 2134-2137.	1.3	42
62	Negative-index gratings formed by femtosecond laser overexposure and thermal regeneration. <i>Scientific Reports</i> , 2016, 6, 23379.	1.6	39
63	Electrical Probing of Submicroliter Liquid Using Graphene Strip Transistors Built on a Nanopipette. <i>Small</i> , 2012, 8, 43-46.	5.2	38
64	Strontium attenuates rhBMP-2-induced osteogenic differentiation via formation of Sr-rhBMP-2 complex and suppression of Smad-dependent signaling pathway. <i>Acta Biomaterialia</i> , 2016, 33, 290-300.	4.1	37
65	Defect Reconstruction Triggered Full-Color Photodetection in Single Nanowire Phototransistor. <i>ACS Photonics</i> , 2019, 6, 886-894.	3.2	37
66	Short Guanidinium-Functionalized Poly(2-oxazoline)s Displaying Potent Therapeutic Efficacy on Drug-Resistant Fungal Infections. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202200778.	7.2	37
67	Continuously Tuning Electronic Properties of Few-Layer Molybdenum Ditelluride with <i>In Situ</i> Aluminum Modification toward Ultrahigh Gain Complementary Inverters. <i>ACS Nano</i> , 2019, 13, 9464-9472.	7.3	36
68	Defect-Assisted Anchoring of Pt Single Atoms on MoS ₂ Nanosheets Produces High-Performance Catalyst for Industrial Hydrogen Evolution Reaction. <i>Small</i> , 2022, 18, e2104824.	5.2	36
69	Reducing the Schottky barrier between few-layer MoTe ₂ and gold. <i>2D Materials</i> , 2017, 4, 045016.	2.0	35
70	Significant photoluminescence enhancement in WS ₂ monolayers through Na ₂ S treatment. <i>Nanoscale</i> , 2018, 10, 6105-6112.	2.8	35
71	High-Quality Ruddlesden-Popper Perovskite Films Based on In Situ Formed Organic Spacer Cations. <i>Advanced Materials</i> , 2019, 31, e1904243.	11.1	35
72	Molecular adsorption induces the transformation of rhombohedral- to Bernal-stacking order in trilayer graphene. <i>Nature Communications</i> , 2013, 4, 2074.	5.8	34

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73	Surface-Modified Ultrathin InSe Nanosheets with Enhanced Stability and Photoluminescence for High-Performance Optoelectronics. <i>ACS Nano</i> , 2020, 14, 11373-11382.	7.3	34
74	Discovering the forbidden Raman modes at the edges of layered materials. <i>Science Advances</i> , 2018, 4, eaau6252.	4.7	33
75	Multiphoton absorption in low-dimensional cesium copper iodide single crystals. <i>Journal of Materials Chemistry C</i> , 2020, 8, 16923-16929.	2.7	33
76	Bio-inspired poly-DL-serine materials resist the foreign-body response. <i>Nature Communications</i> , 2021, 12, 5327.	5.8	33
77	Structure and effective charge characterization of proteins by a mobility capillary electrophoresis based method. <i>Chemical Science</i> , 2019, 10, 7779-7787.	3.7	30
78	A multimodal meta-analysis of regional structural and functional brain alterations in type 2 diabetes. <i>Frontiers in Neuroendocrinology</i> , 2021, 62, 100915.	2.5	28
79	Diverse Structures and Magnetic Properties in Nonlayered Monolayer Chromium Selenide. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 7752-7760.	2.1	28
80	Structural design and antimicrobial properties of polypeptides and saccharide-polypeptide conjugates. <i>Journal of Materials Chemistry B</i> , 2020, 8, 9173-9196.	2.9	27
81	Ultrathin Single-Crystalline 2D Perovskite Photoconductor for High-Performance Narrowband and Wide Linear Dynamic Range Photodetection. <i>Small</i> , 2020, 16, e2005626.	5.2	26
82	Spectral Dynamics and Multiphoton Absorption Properties of All-Inorganic Perovskite Nanorods. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 4817-4825.	2.1	26
83	Nanopatterning Technologies of 2D Materials for Integrated Electronic and Optoelectronic Devices. <i>Advanced Materials</i> , 2022, 34, e2200734.	11.1	25
84	MoS ₂ -coated NbS ₂ nanoflakes grown on glass carbon: an advanced electrocatalyst for the hydrogen evolution reaction. <i>Nanoscale</i> , 2018, 10, 3444-3450.	2.8	24
85	Tuning the bioactivity of bone morphogenetic protein-2 with surface immobilization strategies. <i>Acta Biomaterialia</i> , 2018, 80, 108-120.	4.1	24
86	Unraveling High-Yield Phase-Transition Dynamics in Transition Metal Dichalcogenides on Metallic Substrates. <i>Advanced Science</i> , 2019, 6, 1802093.	5.6	23
87	An alpha/beta chimeric peptide molecular brush for eradicating MRSA biofilms and persister cells to mitigate antimicrobial resistance. <i>Biomaterials Science</i> , 2020, 8, 6883-6889.	2.6	23
88	Calcium ion-induced formation of β -sheet/turn structure leading to alteration of osteogenic activity of bone morphogenetic protein-2. <i>Scientific Reports</i> , 2015, 5, 12694.	1.6	22
89	Influence of a substrate on ultrafast interfacial charge transfer and dynamical interlayer excitons in monolayer WSe ₂ /graphene heterostructures. <i>Nanoscale</i> , 2020, 12, 2498-2506.	2.8	22
90	Facile p-Doping of Few-Layer MoTe ₂ by Controllable Surface Oxidation toward High-Performance Complementary Devices. <i>ACS Applied Electronic Materials</i> , 2020, 2, 920-926.	2.0	19

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91	An Effective Strategy to Develop Potent and Selective Antifungal Agents from Cell Penetrating Peptides in Tackling Drug-Resistant Invasive Fungal Infections. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 7296-7311.	2.9	19
92	Emerging ruthenium single-atom catalysts for the electrocatalytic hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2022, 10, 15370-15389.	5.2	19
93	Facile synthesis of 2D ultrathin and ultrahigh specific surface hierarchical porous carbon nanosheets for advanced energy storage. <i>Carbon</i> , 2019, 155, 674-685.	5.4	18
94	Flexible Photodetectors Based on All-Solution-Processed Cu Electrodes and InSe Nanoflakes with High Stabilities. <i>Advanced Functional Materials</i> , 2022, 32, 2108261.	7.8	18
95	Visible to near-infrared photodetector with novel optoelectronic performance based on graphene/S-doped InSe heterostructure on h-BN substrate. <i>Nanoscale</i> , 2020, 12, 19259-19266.	2.8	17
96	Using <i>In Vivo</i> Assessment on Host Defense Peptide Mimicking Polymer-Modified Surfaces for Combating Implant Infections. <i>ACS Applied Bio Materials</i> , 2021, 4, 3811-3829.	2.3	16
97	Precise Layer-Dependent Electronic Structure of MBE-Grown PtSe ₂ . <i>Advanced Electronic Materials</i> , 2021, 7, 2100559.	2.6	16
98	Mobility Enhancement in Carbon Nanotube Transistors by Screening Charge Impurity with Silica Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2011, 115, 6975-6979.	1.5	15
99	A two-step method for rapid characterization of electroosmotic flows in capillary electrophoresis. <i>Electrophoresis</i> , 2017, 38, 3130-3135.	1.3	15
100	Efficient synthesis of amino acid polymers for protein stabilization. <i>Biomaterials Science</i> , 2019, 7, 3675-3682.	2.6	15
101	The effects of contacts and ambipolar electrical transport in nitrogen doped multiwall carbon nanotubes. <i>Nanotechnology</i> , 2008, 19, 085202.	1.3	14
102	Poly(2-oxazoline)-Based Functional Peptide Mimics: Eradicating MRSA Infections and Persisters while Alleviating Antimicrobial Resistance. <i>Angewandte Chemie</i> , 2020, 132, 6474-6481.	1.6	14
103	The screening of charged impurities in bilayer graphene. <i>New Journal of Physics</i> , 2010, 12, 103037.	1.2	13
104	Observation of Phonon Anomaly at the Armchair Edge of Single-Layer Graphene in Air. <i>ACS Nano</i> , 2011, 5, 3347-3353.	7.3	13
105	Raman scattering enhancement of a single ZnO nanorod decorated with Ag nanoparticles: synergies of defects and plasmons. <i>Optics Letters</i> , 2018, 43, 2244.	1.7	13
106	Pressure-Controlled Structural Symmetry Transition in Layered InSe. <i>Laser and Photonics Reviews</i> , 2019, 13, 1900012.	4.4	13
107	The metallic nature of two-dimensional transition-metal dichalcogenides and MXenes. <i>Surface Science Reports</i> , 2021, 76, 100542.	3.8	13
108	The modulation of terahertz photoconductivity in CVD grown <i>n</i> -doped monolayer MoS ₂ with gas adsorption. <i>Journal of Physics Condensed Matter</i> , 2019, 31, 245001.	0.7	12

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109	Mobility Capillary Electrophoresis-Restrained Modeling Method for Protein Structure Analysis in Mixtures. <i>Journal of Physical Chemistry B</i> , 2019, 123, 2335-2341.	1.2	12
110	Growth of centimeter-scale single crystal MoO ₃ ribbons for high performance ultraviolet photodetectors. <i>Applied Physics Letters</i> , 2021, 118, .	1.5	11
111	Three-Dimensional Resonant Exciton in Monolayer Tungsten Diselenide Actuated by Spin-Orbit Coupling. <i>ACS Nano</i> , 2019, 13, 14529-14539.	7.3	10
112	Modulation of Electrical Properties with Controllable Local Doping in Multilayer MoTe ₂ Transistors. <i>Advanced Electronic Materials</i> , 2020, 6, 2000532.	2.6	10
113	Roles of Sialic Acid, AXL, and MER Receptor Tyrosine Kinases in Mumps Virus Infection of Mouse Sertoli and Leydig Cells. <i>Frontiers in Microbiology</i> , 2020, 11, 1292.	1.5	9
114	Supramolecular Tiling of a Conformationally Flexible Precursor. <i>Journal of Physical Chemistry Letters</i> , 2022, 13, 2180-2186.	2.1	9
115	Pattern recognition receptor-mediated innate immune responses in seminal vesicle epithelial cell and their impacts on cellular function. <i>Biology of Reproduction</i> , 2019, 101, 733-747.	1.2	8
116	Synthesis of large-area uniform Si ₂ Te ₃ thin films for p-type electronic devices. <i>Nanoscale</i> , 2020, 12, 11242-11250.	2.8	8
117	Enhanced Performance of Two-Photon Excited Amplified Spontaneous Emission by Cd-Alloyed CsPbBr ₃ Nanocrystals. <i>Inorganic Chemistry</i> , 2022, 61, 4735-4742.	1.9	8
118	Rolling up of 2D nanosheets into 1D Nanoscrolls: Visible-Light-Activated chemiresistors based on surface modified indium selenide with enhanced sensitivity and stability. <i>Chemical Engineering Journal</i> , 2022, 446, 136937.	6.6	8
119	Silk-Inspired Peptide Materials Resist Fouling and the Foreign-Body Response. <i>Angewandte Chemie</i> , 2020, 132, 9673-9680.	1.6	7
120	Defect-induced nucleation and epitaxial growth of a MOF-derived hierarchical Mo ₂ C@Co architecture for an efficient hydrogen evolution reaction. <i>RSC Advances</i> , 2020, 10, 13838-13847.	1.7	7
121	Giant Optical Activity and Second Harmonic Generation in 2D Hybrid Copper Halides. <i>Angewandte Chemie</i> , 2021, 133, 8522-8526.	1.6	7
122	Synthesis of 2D anatase TiO ₂ with highly reactive facets by fluorine-free topochemical conversion of 1T-TiS ₂ nanosheets. <i>Journal of Materials Chemistry A</i> , 2022, 10, 13884-13894.	5.2	7
123	Modulation of New Excitons in Transition Metal Dichalcogenide-Perovskite Oxide System. <i>Advanced Science</i> , 2019, 6, 1900446.	5.6	6
124	Anisotropic Collective Charge Excitations in Quasimetallic 2D Transition-Metal Dichalcogenides. <i>Advanced Science</i> , 2020, 7, 1902726.	5.6	6
125	Pattern recognition receptor-initiated innate immune responses in mouse prostatic epithelial cells. <i>Biology of Reproduction</i> , 2021, 105, 113-127.	1.2	6
126	Impact of Amine Additives on Perovskite Precursor Aging: A Case Study of Light-Emitting Diodes. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 5836-5843.	2.1	6

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127	Gate voltage dependent characteristics of p-n diodes and bipolar transistors based on multiwall CNx/carbon nanotube intramolecular junctions. <i>Nanotechnology</i> , 2007, 18, 395205.	1.3	5
128	High-Performance Photodetectors Using a 2D MoS ₂ /3D-AlN Structure. <i>ACS Applied Electronic Materials</i> , 2021, 3, 5415-5422.	2.0	5
129	Influence of field evaporation treatment on the field emission properties of carbon nanotubes array. <i>Applied Surface Science</i> , 2010, 256, 3912-3916.	3.1	4
130	Characterization of an Antiviral Component in Human Seminal Plasma. <i>Frontiers in Immunology</i> , 2021, 12, 580454.	2.2	4
131	Solar Water Purification: High-Yield and Low-Cost Solar Water Purification via Hydrogel-Based Membrane Distillation (Adv. Funct. Mater. 19/2021). <i>Advanced Functional Materials</i> , 2021, 31, 2170135.	7.8	4
132	Epitaxial Growth of 2D Ternary Copper-Indium-Selenide Nanoflakes for High-Performance Near-Infrared Photodetectors. <i>Advanced Optical Materials</i> , 0, , 2200033.	3.6	4
133	Optimizing Optical Properties of Hybrid Core/Shell Perovskite Nanocrystals. <i>Inorganic Chemistry Frontiers</i> , 0, , .	3.0	4
134	Host defense peptide mimicking cyclic peptoid polymers exerting strong activity against drug-resistant bacteria. <i>Biomaterials Science</i> , 2022, 10, 4515-4524.	2.6	4
135	Time-related conversion of the carbon nanotube field effect transistor. <i>Applied Physics Letters</i> , 2006, 89, 233507.	1.5	3
136	Ultrabroadband Near-perfect Anisotropic Metamaterial Absorber Based on a Curved Periodic W/TPX Stack. <i>Nanoscale and Microscale Thermophysical Engineering</i> , 2019, 23, 67-78.	1.4	3
137	Water-insensitive Synthesis of Poly-peptides with Defined Architecture. <i>Angewandte Chemie</i> , 2020, 132, 7307-7311.	1.6	3
138	Lateral growth of indium(III) selenide nanoribbons and their optoelectronic performance for weak signal detection. <i>Applied Surface Science</i> , 2021, 546, 149166.	3.1	3
139	Short Guanidinium-Functionalized Poly(oxazoline)s Displaying Potent Therapeutic Efficacy on Drug-Resistant Fungal Infections. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	3
140	Distinct neuroanatomic subtypes in antipsychotic-treated patients with schizophrenia classified by the predefined classification in a never-treated sample. <i>Psychoradiology</i> , 2021, 1, 212-224.	1.0	3
141	Bandgap Engineering of Ternary $\text{InSe}_x\text{Te}_{1-x}$ and $\text{InSe}_x\text{S}_{1-x}$ Single Crystals for High-Performance Electronics and Optoelectronics. <i>Advanced Optical Materials</i> , 2022, 10, .	3.6	3
142	Low-Dimensional Porous Carbon Networks Using Single-/Triple-Coupling Polycyclic Hydrocarbon Precursors. <i>ACS Nano</i> , 2022, 16, 9843-9851.	7.3	3
143	Innentitelbild: Poly(oxazoline)-Based Functional Peptide Mimics: Eradicating MRSA Infections and Persists while Alleviating Antimicrobial Resistance (Angew. Chem. 16/2020). <i>Angewandte Chemie</i> , 2020, 132, 6354-6354.	1.6	2
144	Selective Chemical Vapor Deposition Growth of WS ₂ /MoS ₂ Vertical and Lateral Heterostructures on Gold Foils. <i>Nanomaterials</i> , 2022, 12, 1696.	1.9	2

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145	Atmospheric Pressure Fabrication of Large-Sized Single-Layer Rectangular SnSe Flakes. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	1
146	Surface Catalytic Modification of Conjugated Polymer on Low-Cost Bottom Contact for Improved Injection Efficiency of Organic Transistors. <i>Advanced Electronic Materials</i> , 2019, 5, 1900028.	2.6	1
147	Raman scattering enhancement of a single ZnO nanorod decorated with Ag nanoparticles: synergies of defects and plasmons: publisher's note. <i>Optics Letters</i> , 2018, 43, 2627.	1.7	0
148	Vibrational coupling effects in the energy redistribution of alkylbenzenes. <i>Journal of Molecular Structure</i> , 2020, 1199, 126966.	1.8	0
149	Vibrational energy redistribution and vibrational dynamics of methanol mixed with Rhodamine 101 dye. <i>Molecular Physics</i> , 2020, 118, e1708490.	0.8	0