

# Yanfeng Zhang

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

121  
papers

8,239  
citations

45  
h-index

89  
g-index

124  
ext. papers

9,828  
ext. citations

11.3  
avg, IF

6.14  
L-index

#	Paper	IF	Citations
121	Ultrafast charge transfer in atomically thin MoS <sub>2</sub> /WS <sub>2</sub> heterostructures. <i>Nature Nanotechnology</i> , <b>2014</b> , 9, 682-6	28.7	1432
120	Dynamic urea bond for the design of reversible and self-healing polymers. <i>Nature Communications</i> , <b>2014</b> , 5, 3218	17.4	560
119	Dimeric drug polymeric nanoparticles with exceptionally high drug loading and quantitative loading efficiency. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 3458-61	16.4	240
118	Malleable and Recyclable Poly(urea-urethane) Thermosets bearing Hindered Urea Bonds. <i>Advanced Materials</i> , <b>2016</b> , 28, 7646-51	24	230
117	Atomristor: Nonvolatile Resistance Switching in Atomic Sheets of Transition Metal Dichalcogenides. <i>Nano Letters</i> , <b>2018</b> , 18, 434-441	11.5	226
116	Batch production of 6-inch uniform monolayer molybdenum disulfide catalyzed by sodium in glass. <i>Nature Communications</i> , <b>2018</b> , 9, 979	17.4	224
115	Recent advances in amino acid N-carboxyanhydrides and synthetic polypeptides: chemistry, self-assembly and biological applications. <i>Chemical Communications</i> , <b>2014</b> , 50, 139-55	5.8	224
114	Materials, designs, and operational characteristics for fully biodegradable primary batteries. <i>Advanced Materials</i> , <b>2014</b> , 26, 3879-84	24	211
113	Wafer-scale single-crystal hexagonal boron nitride monolayers on Cu'(111). <i>Nature</i> , <b>2020</b> , 579, 219-223	50.4	209
112	Fabrication of Hybrid Silica Nanoparticles Densely Grafted with Thermoresponsive Poly(N-isopropylacrylamide) Brushes of Controlled Thickness via Surface-Initiated Atom Transfer Radical Polymerization. <i>Chemistry of Materials</i> , <b>2008</b> , 20, 101-109	9.6	195
111	Two-dimensional metallic tantalum disulfide as a hydrogen evolution catalyst. <i>Nature Communications</i> , <b>2017</b> , 8, 958	17.4	143
110	Temperature-Mediated Selective Growth of MoS <sub>2</sub> /WS <sub>2</sub> and WS <sub>2</sub> /MoS <sub>2</sub> Vertical Stacks on Au Foils for Direct Photocatalytic Applications. <i>Advanced Materials</i> , <b>2016</b> , 28, 10664-10672	24	142
109	Stimuli-Responsive Double Hydrophilic Block Copolymer Micelles with Switchable Catalytic Activity. <i>Macromolecules</i> , <b>2007</b> , 40, 3538-3546	5.5	141
108	Van der Waals Epitaxial Growth of 2D Metallic Vanadium Diselenide Single Crystals and their Extra-High Electrical Conductivity. <i>Advanced Materials</i> , <b>2017</b> , 29, 1702359	24	135
107	Chain-shattering polymeric therapeutics with on-demand drug-release capability. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 6435-9	16.4	118
106	Facile preparation of well-defined AB <sub>2</sub> Y-shaped miktoarm star polypeptide copolymer via the combination of ring-opening polymerization and click chemistry. <i>Biomacromolecules</i> , <b>2008</b> , 9, 2586-93	6.9	117
105	Redox-Responsive, Core Cross-Linked Polyester Micelles. <i>ACS Macro Letters</i> , <b>2013</b> , 2, 40-44	6.6	110

104	Thinnest Nonvolatile Memory Based on Monolayer h-BN. <i>Advanced Materials</i> , <b>2019</b> , 31, e1806790	24	105
103	All Chemical Vapor Deposition Synthesis and Intrinsic Bandgap Observation of MoS <sub>2</sub> /Graphene Heterostructures. <i>Advanced Materials</i> , <b>2015</b> , 27, 7086-92	24	100
102	Surface Plasmon Enhanced Strong Exciton-Photon Coupling in Hybrid Inorganic-Organic Perovskite Nanowires. <i>Nano Letters</i> , <b>2018</b> , 18, 3335-3343	11.5	99
101	Double hydrophilic block copolymer monolayer protected hybrid gold nanoparticles and their shell cross-linking. <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 22159-66	3.4	99
100	Ultrathin CsPbX Nanowire Arrays with Strong Emission Anisotropy. <i>Advanced Materials</i> , <b>2018</b> , 30, e1801805	24	95
99	Effect of Chain Length on Cytotoxicity and Endocytosis of Cationic Polymers. <i>Macromolecules</i> , <b>2011</b> , 44, 2050-2057	5.5	86
98	Multi-Responsive Supramolecular Double Hydrophilic Diblock Copolymer Driven by Host-Guest Inclusion Complexation between Cyclodextrin and Adamantyl Moieties. <i>Macromolecular Chemistry and Physics</i> , <b>2009</b> , 210, 2125-2137	2.6	86
97	Suppression of Hepatic Inflammation via Systemic siRNA Delivery by Membrane-Disruptive and Endosomolytic Helical Polypeptide Hybrid Nanoparticles. <i>ACS Nano</i> , <b>2016</b> , 10, 1859-70	16.7	82
96	Fabrication of Hybrid Nanoparticles with Thermo-responsive Coronas via a Self-Assembling Approach. <i>Macromolecules</i> , <b>2005</b> , 38, 9813-9820	5.5	79
95	Substrate Facet Effect on the Growth of Monolayer MoS <sub>2</sub> on Au Foils. <i>ACS Nano</i> , <b>2015</b> , 9, 4017-25	16.7	78
94	Single-Step in Situ Preparation of Polymer-Grafted Multi-Walled Carbon Nanotube Composites under <sup>60</sup> Co $\gamma$ Irradiation. <i>Chemistry of Materials</i> , <b>2006</b> , 18, 2929-2934	9.6	76
93	Chemical vapor deposition of monolayer WS <sub>2</sub> nanosheets on Au foils toward direct application in hydrogen evolution. <i>Nano Research</i> , <b>2015</b> , 8, 2881-2890	10	75
92	Synthesis and supramolecular self-assembly of stimuli-responsive water-soluble Janus-type heteroarm star copolymers. <i>Soft Matter</i> , <b>2009</b> , 5, 3932	3.6	67
91	Water-Soluble Polypeptides with Elongated, Charged Side Chains Adopt Ultra-Stable Helical Conformations. <i>Macromolecules</i> , <b>2011</b> , 44, 6641-6644	5.5	64
90	A composite solid polymer electrolyte incorporating MnO <sub>2</sub> nanosheets with reinforced mechanical properties and electrochemical stability for lithium metal batteries. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 2021-2032	13	64
89	Synthesis and Aggregation Behavior of Multi-Responsive Double Hydrophilic ABC Miktoarm Star Terpolymer. <i>Macromolecular Rapid Communications</i> , <b>2009</b> , 30, 941-7	4.8	63
88	Chemical Vapor Deposition Grown Large-Scale Atomically Thin Platinum Diselenide with Semimetal-Semiconductor Transition. <i>ACS Nano</i> , <b>2019</b> , 13, 8442-8451	16.7	60
87	One-pot synthesis of ABC miktoarm star terpolymers by coupling ATRP, ROP, and click chemistry techniques. <i>Journal of Polymer Science Part A</i> , <b>2009</b> , 47, 3066-3077	2.5	60

86	Micelles possessing mixed cores and thermoresponsive shells fabricated from well-defined amphiphilic ABC miktoarm star terpolymers. <i>Journal of Polymer Science Part A</i> , <b>2009</b> , 47, 1636-1650	2.5	58
85	Controlled Growth and Thickness-Dependent Conduction-Type Transition of 2D Ferrimagnetic Cr S Semiconductors. <i>Advanced Materials</i> , <b>2020</b> , 32, e1905896	24	58
84	Vertical 1T-TaS Synthesis on Nanoporous Gold for High-Performance Electrocatalytic Applications. <i>Advanced Materials</i> , <b>2018</b> , 30, e1705916	24	55
83	Different growth behaviors of ambient pressure chemical vapor deposition graphene on Ni(111) and Ni films: A scanning tunneling microscopy study. <i>Nano Research</i> , <b>2012</b> , 5, 402-411	10	55
82	Thickness Tunable Wedding-Cake-like MoS Flakes for High-Performance Optoelectronics. <i>ACS Nano</i> , <b>2019</b> , 13, 3649-3658	16.7	52
81	Large-Scale Thin CsPbBr Single-Crystal Film Grown on Sapphire Chemical Vapor Deposition: Toward Laser Array Application. <i>ACS Nano</i> , <b>2020</b> , 14, 15605-15615	16.7	51
80	Trigger chemistries for better industrial formulations. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 6369-82	9.5	50
79	Application of chemical vapor-deposited monolayer ReSe <sub>2</sub> in the electrocatalytic hydrogen evolution reaction. <i>Nano Research</i> , <b>2018</b> , 11, 1787-1797	10	48
78	Synthesis of water-soluble poly( $\alpha$ -hydroxy acids) from living ring-opening polymerization of O-benzyl-L-serine carboxyanhydrides. <i>ACS Macro Letters</i> , <b>2012</b> , 1, 441-444	6.6	48
77	Nucleation-controlled polymerization of nanoparticles into supramolecular structures. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 11417-20	16.4	48
76	Chemical Vapor Deposition Grown Wafer-Scale 2D Tantalum Diselenide with Robust Charge-Density-Wave Order. <i>Advanced Materials</i> , <b>2018</b> , 30, e1804616	24	45
75	Non-invasive, real-time reporting drug release in vitro and in vivo. <i>Chemical Communications</i> , <b>2015</b> , 51, 6948-51	5.8	44
74	Direct synthesis and in situ characterization of monolayer parallelogrammic rhenium diselenide on gold foil. <i>Communications Chemistry</i> , <b>2018</b> , 1,	6.3	44
73	Ultrafast Charge Transfer in Perovskite Nanowire/2D Transition Metal Dichalcogenide Heterostructures. <i>Journal of Physical Chemistry Letters</i> , <b>2018</b> , 9, 1655-1662	6.4	44
72	Unique Thermo-Induced Sequential Gel-to-Sol Transition of Responsive Multiblock Copolymer-Based Hydrogels. <i>Macromolecules</i> , <b>2010</b> , 43, 5184-5187	5.5	44
71	Bilayer of polyelectrolyte films for spontaneous power generation in air up to an integrated 1,000 V output. <i>Nature Nanotechnology</i> , <b>2021</b> , 16, 811-819	28.7	44
70	Monolayer MoS <sub>2</sub> Dendrites on a Symmetry-Disparate SrTiO <sub>3</sub> (001) Substrate: Formation Mechanism and Interface Interaction. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 3299-3305	15.6	44
69	Quick one-pot synthesis of amorphous carbon-coated cobalt ferrite twin elliptical frustums for enhanced lithium storage capability. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 8062-8069	13	40

68	Novel Transfer Behaviors in 2D MoS <sub>2</sub> /WSe <sub>2</sub> Heterotransistor and Its Applications in Visible-Near Infrared Photodetection. <i>Advanced Electronic Materials</i> , <b>2017</b> , 3, 1600502	6.4	40
67	All-Inorganic Perovskite Nanowires-InGaZnO Heterojunction for High-Performance Ultraviolet-Visible Photodetectors. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 7231-7238	9.5	40
66	Trigger-Responsive Poly(Eamino ester) Hydrogels.. <i>ACS Macro Letters</i> , <b>2014</b> , 3, 693-697	6.6	40
65	Revealing Strong Plasmon-Exciton Coupling between Nanogap Resonators and Two-Dimensional Semiconductors at Ambient Conditions. <i>Physical Review Letters</i> , <b>2020</b> , 124, 063902	7.4	39
64	Trigger-responsive chain-shattering polymers. <i>Polymer Chemistry</i> , <b>2013</b> , 4, 224-228	4.9	38
63	Micellization Kinetics of a Novel Multi-Responsive Double Hydrophilic Diblock Copolymer Studied by Stopped-Flow pH and Temperature Jump. <i>Macromolecular Chemistry and Physics</i> , <b>2007</b> , 208, 2492-2501 <sup>2,6</sup>	2.6	38
62	Heterostructured graphene quantum dot/WSe <sub>2</sub> /Si photodetector with suppressed dark current and improved detectivity. <i>Nano Research</i> , <b>2018</b> , 11, 3233-3243	10	38
61	Anisotropic Growth and Scanning Tunneling Microscopy Identification of Ultrathin Even-Layered PdSe Ribbons. <i>Small</i> , <b>2019</b> , 15, e1902789	11	36
60	Recent Advances in Controlling Syntheses and Energy Related Applications of MX <sub>2</sub> and MX <sub>2</sub> /Graphene Heterostructures. <i>Advanced Energy Materials</i> , <b>2016</b> , 6, 1600459	21.8	35
59	Scalable Production of Two-Dimensional Metallic Transition Metal Dichalcogenide Nanosheet Powders Using NaCl Templates toward Electrocatalytic Applications. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 18694-18703	16.4	34
58	Extremely Tough, Puncture-Resistant, Transparent, and Photoluminescent Polyurethane Elastomers for Crack Self-Diagnose and Healing Tracking. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 30847-30855	9.5	34
57	Tunable and Processable Shape-Memory Materials Based on Solvent-Free, Catalyst-Free Polycondensation between Formaldehyde and Diamine at Room Temperature. <i>ACS Macro Letters</i> , <b>2019</b> , 582-587	6.6	32
56	Functional polyesters derived from alternating copolymerization of norbornene anhydride and epoxides. <i>Polymer Chemistry</i> , <b>2015</b> , 6, 3586-3590	4.9	30
55	Redox-Responsive Self-Assembled Chain-Shattering Polymeric Therapeutics. <i>Biomaterials Science</i> , <b>2015</b> , 3, 1061-5	7.4	30
54	High-Temperature Continuous-Wave Pumped Lasing from Large-Area Monolayer Semiconductors Grown by Chemical Vapor Deposition. <i>ACS Nano</i> , <b>2018</b> , 12, 9390-9396	16.7	29
53	PEG-Polypeptide Dual Brush Block Copolymers: Synthesis and Application in Nanoparticle Surface PEGylation. <i>ACS Macro Letters</i> , <b>2013</b> , 2, 809-813	6.6	29
52	Facile fabrication of hybrid nanoparticles surface grafted with multi-responsive polymer brushes via block copolymer micellization and self-catalyzed core gelation. <i>Journal of Polymer Science Part A</i> , <b>2008</b> , 46, 2379-2389	2.5	29
51	Cationic, helical polypeptide-based gene delivery for IMR-90 fibroblasts and human embryonic stem cells. <i>Biomaterials Science</i> , <b>2013</b> , 1, 719-727	7.4	28

50	Microscopic insights into the catalytic mechanisms of monolayer MoS <sub>2</sub> and its heterostructures in hydrogen evolution reaction. <i>Nano Research</i> , <b>2019</b> , 12, 2140-2149	10	27
49	Two-Dimensional Metallic NiTe with Ultrahigh Environmental Stability, Conductivity, and Electrocatalytic Activity. <i>ACS Nano</i> , <b>2020</b> , 14, 9011-9020	16.7	27
48	A Library of Atomically Thin 2D Materials Featuring the Conductive-Point Resistive Switching Phenomenon. <i>Advanced Materials</i> , <b>2021</b> , 33, 2007792	24	27
47	Hexagonal boron nitride induces anion trapping in a polyethylene oxide based solid polymer electrolyte for lithium dendrite inhibition. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 9579-9589	13	26
46	Periodic Modulation of the Doping Level in Striped MoS <sub>2</sub> Superstructures. <i>ACS Nano</i> , <b>2016</b> , 10, 3461-8	16.7	26
45	Interrupted Helical Structure of Grafted Polypeptides in Brush-Like Macromolecules. <i>Macromolecules</i> , <b>2011</b> , 44, 8699-8708	5.5	26
44	Fabrication of Fullerene-Containing Hybrid Vesicles via Supramolecular Self-Assembly of a Well-Defined Amphiphilic Block Copolymer Incorporated with a Single C <sub>60</sub> Moiety at the Diblock Junction Point. <i>Macromolecular Rapid Communications</i> , <b>2008</b> , 29, 340-346	4.8	24
43	Chain-Shattering Polymeric Therapeutics with On-Demand Drug-Release Capability. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 6563-6567	3.6	23
42	Narrow-Gap Quantum Wires Arising from the Edges of Monolayer MoS <sub>2</sub> Synthesized on Graphene. <i>Advanced Materials Interfaces</i> , <b>2016</b> , 3, 1600332	4.6	23
41	Tunable Valley Polarized Plasmon-Exciton Polaritons in Two-Dimensional Semiconductors. <i>ACS Nano</i> , <b>2019</b> , 13, 1333-1341	16.7	22
40	Mn atomic layers under inert covers of graphene and hexagonal boron nitride prepared on Rh(111). <i>Nano Research</i> , <b>2013</b> , 6, 887-896	10	21
39	Roles of salts in the chemical vapor deposition synthesis of two-dimensional transition metal chalcogenides. <i>Dalton Transactions</i> , <b>2020</b> , 49, 10319-10327	4.3	18
38	H-Bonding Supramolecular Hydrogels with Promising Mechanical Strength and Shape Memory Properties for Postoperative Antiadhesion Application. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 34161-34169	9.5	18
37	Magnetic Moments Induced by Atomic Vacancies in Transition Metal Dichalcogenide Flakes. <i>Advanced Materials</i> , <b>2021</b> , 33, e2005465	24	18
36	Reconfigurable Poly(urea-urethane) Thermoset Based on Hindered Urea Bonds with Triple-Shape-Memory Performance. <i>Macromolecular Chemistry and Physics</i> , <b>2019</b> , 220, 1900148	2.6	17
35	Supramolecular Assembly of Comb-like Macromolecules Induced by Chemical Reactions that Modulate the Macromolecular Interactions In Situ. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 11106-11116	16.4	17
34	Vanadium Diselenide Single Crystals: Van der Waals Epitaxial Growth of 2D Metallic Vanadium Diselenide Single Crystals and their Extra-High Electrical Conductivity (Adv. Mater. 37/2017). <i>Advanced Materials</i> , <b>2017</b> , 29,	24	16
33	Cationic Chalcogenoviologen Derivatives for Photodynamic Antimicrobial Therapy and Skin Regeneration. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 13472-13478	4.8	16

32	Molten-Salt-Assisted Chemical Vapor Deposition Process for Substitutional Doping of Monolayer MoS and Effectively Altering the Electronic Structure and Phononic Properties. <i>Advanced Science</i> , <b>2020</b> , 7, 2001080	13.6	15
31	Low Threshold Fabry-Pérot Mode Lasing from Lead Iodide Trapezoidal Nanoplatelets. <i>Small</i> , <b>2018</b> , 14, e1801938	11	15
30	Space-confined growth of monolayer ReSe <sub>2</sub> under a graphene layer on Au foils. <i>Nano Research</i> , <b>2019</b> , 12, 149-157	10	15
29	Bacterial Cellulose Composite Solid Polymer Electrolyte With High Tensile Strength and Lithium Dendrite Inhibition for Long Life Battery. <i>Energy and Environmental Materials</i> , <b>2021</b> , 4, 434-443	13	15
28	Surface State Mediated Interlayer Excitons in a 2D Nonlayered/layered Semiconductor Heterojunction. <i>Advanced Electronic Materials</i> , <b>2017</b> , 3, 1700373	6.4	13
27	UV-responsive degradable polymers derived from 1-(4-aminophenyl) ethane-1,2-diol. <i>Journal of Polymer Science Part A</i> , <b>2015</b> , 53, 1161-1168	2.5	13
26	Salt-assisted growth and ultrafast photocarrier dynamics of large-sized monolayer ReSe <sub>2</sub> . <i>Nano Research</i> , <b>2020</b> , 13, 667-675	10	12
25	Transformation of monolayer MoS <sub>2</sub> into multiphasic MoTe <sub>2</sub> : Chalcogen atom-exchange synthesis route. <i>Nano Research</i> , <b>2017</b> , 10, 2761-2771	10	11
24	Giant Thickness-Tunable Bandgap and Robust Air Stability of 2D Palladium Diselenide. <i>Small</i> , <b>2020</b> , 16, e2000754	11	11
23	Two-Dimensional Metallic Vanadium DiteLLuride as a High-Performance Electrode Material. <i>ACS Nano</i> , <b>2021</b> , 15, 1858-1868	16.7	11
22	Self-Powered MoS <sub>2</sub> /PDPPT Heterotransistor-Based Broadband Photodetectors. <i>Advanced Electronic Materials</i> , <b>2018</b> , 5, 1800580	6.4	10
21	Decoupling the Interaction between Wet-Transferred MoS <sub>2</sub> and Graphite Substrate by an Interfacial Water Layer. <i>Advanced Materials Interfaces</i> , <b>2018</b> , 5, 1800641	4.6	10
20	Scalable salt-templated directed synthesis of high-quality MoS <sub>2</sub> nanosheets powders towards energetic and environmental applications. <i>Nano Research</i> , <b>2020</b> , 13, 3098-3104	10	9
19	Optogenetics-Inspired Neuromorphic Optoelectronic Synaptic Transistors with Optically Modulated Plasticity. <i>Advanced Optical Materials</i> , <b>2021</b> , 9, 2002232	8.1	9
18	Boosting the electrocatalytic activity of amorphous molybdenum sulfide nanoflakes via nickel sulfide decoration. <i>Nanoscale</i> , <b>2019</b> , 11, 22971-22979	7.7	9
17	The Marriage of Carborane with Chalcogen Atoms: Nonconjugation, $\pi$ -Conjugation, and Intramolecular Charge Transfer. <i>Organic Letters</i> , <b>2019</b> , 21, 8285-8289	6.2	8
16	Isometric Thionated Naphthalene Diimides As Organic Cathodes for High Capacity Lithium Batteries. <i>Chemistry of Materials</i> , <b>2020</b> , 32, 10575-10583	9.6	8
15	Quasi-freestanding, striped WS <sub>2</sub> monolayer with an invariable band gap on Au(001). <i>Nano Research</i> , <b>2017</b> , 10, 3875-3884	10	7

14	Bandgap control in two-dimensional semiconductors via coherent doping of plasmonic hot electrons. <i>Nature Communications</i> , <b>2021</b> , 12, 4332	17.4	6
13	Out-of-Plane Deformations Determined Mechanics of Vanadium Disulfide (VS) Sheets. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 3040-3050	9.5	6
12	Catalyst-Free One-Step Preparation of Self-Crosslinked pH-Responsive Vesicles. <i>Macromolecular Rapid Communications</i> , <b>2019</b> , 40, e1900149	4.8	5
11	Progress in Controllable Construction and Energy-Related Applications of MX <sub>2</sub> /Graphene and MX <sub>2</sub> /MX <sub>2</sub> Heterostructures. <i>ChemNanoMat</i> , <b>2017</b> , 3, 340-351	3.5	4
10	An Enzyme-Responsive "Turn-on" Fluorescence Polymeric Superamphiphile as a Potential Visualizable Phosphate Prodrug Delivery Vehicle. <i>Macromolecular Bioscience</i> , <b>2018</b> , 18, e1800045	5.5	4
9	Folding Cooperativity of Synthetic Polypeptides with or without $\pi$ -Tertiary Interactions. <i>ACS Macro Letters</i> , <b>2017</b> , 6, 733-737	6.6	4
8	Identifying the Intermediate Free-Carrier Dynamics Across the Charge Separation in Monolayer MoS/ReSe Heterostructures. <i>ACS Nano</i> , <b>2021</b> , 15, 16760-16768	16.7	4
7	A Library of Atomically Thin 2D Materials Featuring the Conductive-Point Resistive Switching Phenomenon. <i>Case Reports in Obstetrics and Gynecology</i> , <b>2021</b> , 33, e2007792	0.8	3
6	Intercalation-Mediated Synthesis and Interfacial Coupling Effect Exploration of Unconventional Graphene/PtSe Vertical Heterostructures. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 48221-48229	9.5	3
5	Effect of substrate symmetry on the orientations of MoS monolayers. <i>Nanotechnology</i> , <b>2021</b> , 32, 095601	3.4	2
4	2D Metallic Transitional Metal Dichalcogenides for Electrochemical Hydrogen Evolution. <i>Energy Technology</i> , <b>2019</b> , 7, 1801025	3.5	2
3	A polymeric prodrug for non-invasive, real-time reporting drug release based on "turn-on" fluorescent probes. <i>Reactive and Functional Polymers</i> , <b>2020</b> , 154, 104649	4.6	1
2	2D Palladium Diselenide: Giant Thickness-Tunable Bandgap and Robust Air Stability of 2D Palladium Diselenide (Small 19/2020). <i>Small</i> , <b>2020</b> , 16, 2070106	11	
1	Isospecific Polymerization of Halide- and Amino-Substituted Styrenes Using a Bis(phenolate) Titanium Catalyst. <i>Catalysts</i> , <b>2022</b> , 12, 439	4	