

# Yanfeng Zhang

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/2131369/yanfeng-zhang-publications-by-year.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Isospecific Polymerization of Halide- and Amino-Substituted Styrenes Using a Bis(phenolate) Titanium Catalyst. <i>Catalysts</i> , <b>2022</b> , 12, 439	4	
120	Effect of substrate symmetry on the orientations of MoS monolayers. <i>Nanotechnology</i> , <b>2021</b> , 32, 0956013,4	13.4	2
119	Optogenetics-Inspired Neuromorphic Optoelectronic Synaptic Transistors with Optically Modulated Plasticity. <i>Advanced Optical Materials</i> , <b>2021</b> , 9, 2002232	8.1	9
118	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
117	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
116	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
115	Magnetic Moments Induced by Atomic Vacancies in Transition Metal Dichalcogenide Flakes. <i>Advanced Materials</i> , <b>2021</b> , 33, e2005465	24	18
114	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
113	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
112	Two-Dimensional Metallic Vanadium Ditelluride as a High-Performance Electrode Material. <i>ACS Nano</i> , <b>2021</b> , 15, 1858-1868	16.7	11
111	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
110	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
109	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	
108	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
107	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
106	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
105	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

104	Wafer-scale single-crystal hexagonal boron nitride monolayers on Cu(111). <i>Nature</i> , <b>2020</b> , 579, 219-223	50.4	209
103	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
102	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
101	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
100	Salt-assisted growth and ultrafast photocarrier dynamics of large-sized monolayer ReSe2. <i>Nano Research</i> , <b>2020</b> , 13, 667-675	10	12
99	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
98	A composite solid polymer electrolyte incorporating MnO2 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
97	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
96	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
95	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
94	Scalable salt-templated directed synthesis of high-quality MoS2 nanosheets powders towards energetic and environmental applications. <i>Nano Research</i> , <b>2020</b> , 13, 3098-3104	10	9
93	Giant Thickness-Tunable Bandgap and Robust Air Stability of 2D Palladium Diselenide. <i>Small</i> , <b>2020</b> , 16, e2000754	11	11
92	Anisotropic Growth and Scanning Tunneling Microscopy Identification of Ultrathin Even-Layered PdSe Ribbons. <i>Small</i> , <b>2019</b> , 15, e1902789	11	36
91	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
90	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
89	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
88	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
87	Catalyst-Free One-Step Preparation of Self-Crosslinked pH-Responsive Vesicles. <i>Macromolecular Rapid Communications</i> , <b>2019</b> , 40, e1900149	4.8	5

86	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
85	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
84	Tunable Valley Polarized Plasmon-Exciton Polaritons in Two-Dimensional Semiconductors. <i>ACS Nano</i> , <b>2019</b> , 13, 1333-1341	16.7	22
83	Thinnest Nonvolatile Memory Based on Monolayer h-BN. <i>Advanced Materials</i> , <b>2019</b> , 31, e1806790	24	105
82	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
81	Thickness Tunable Wedding-Cake-like MoS Flakes for High-Performance Optoelectronics. <i>ACS Nano</i> , <b>2019</b> , 13, 3649-3658	16.7	52
80	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
79	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
78	2D Metallic Transitional Metal Dichalcogenides for Electrochemical Hydrogen Evolution. <i>Energy Technology</i> , <b>2019</b> , 7, 1801025	3.5	2
77	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
76	Vertical 1T-TaS Synthesis on Nanoporous Gold for High-Performance Electrocatalytic Applications. <i>Advanced Materials</i> , <b>2018</b> , 30, e1705916	24	55
75	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
74	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
73	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
72	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
71	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
70	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
69	Low Threshold Fabry-Pérot Mode Lasing from Lead Iodide Trapezoidal Nanoplatelets. <i>Small</i> , <b>2018</b> , 14, e1801938	11	15

68	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
67	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
66	Ultrathin CsPbX Nanowire Arrays with Strong Emission Anisotropy. <i>Advanced Materials</i> , <b>2018</b> , 30, e1801805	8.4	95
65	Atomristor: Nonvolatile Resistance Switching in Atomic Sheets of Transition Metal Dichalcogenides. <i>Nano Letters</i> , <b>2018</b> , 18, 434-441	11.5	226
64	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
63	Self-Powered MoS <sub>2</sub> /PDPPT Heterotransistor-Based Broadband Photodetectors. <i>Advanced Electronic Materials</i> , <b>2018</b> , 5, 1800580	6.4	10
62	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
61	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
60	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
59	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
58	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
57	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
56	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
55	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
54	Two-dimensional metallic tantalum disulfide as a hydrogen evolution catalyst. <i>Nature Communications</i> , <b>2017</b> , 8, 958	17.4	143
53	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
52	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
51	Folding Cooperativity of Synthetic Polypeptides with or without Tertiary Interactions. <i>ACS Macro Letters</i> , <b>2017</b> , 6, 733-737	6.6	4

50	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
49	Malleable and Recyclable Poly(urea-urethane) Thermosets bearing Hindered Urea Bonds. <i>Advanced Materials</i> , <b>2016</b> , 28, 7646-51	24	230
48	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
47	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
46	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
45	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
44	Temperature-Mediated Selective Growth of MoS /WS and WS /MoS Vertical Stacks on Au Foils for Direct Photocatalytic Applications. <i>Advanced Materials</i> , <b>2016</b> , 28, 10664-10672	24	142
43	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
42	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
41	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
40	Functional polyesters derived from alternating copolymerization of norbornene anhydride and epoxides. <i>Polymer Chemistry</i> , <b>2015</b> , 6, 3586-3590	4.9	30
39	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
38	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
37	Trigger chemistries for better industrial formulations. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 6369-82	9.5	50
36	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
35	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
34	Redox-Responsive Self-Assembled Chain-Shattering Polymeric Therapeutics. <i>Biomaterials Science</i> , <b>2015</b> , 3, 1061-5	7.4	30
33	Materials, designs, and operational characteristics for fully biodegradable primary batteries. <i>Advanced Materials</i> , <b>2014</b> , 26, 3879-84	24	211

32	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
31	Dynamic urea bond for the design of reversible and self-healing polymers. <i>Nature Communications</i> , <b>2014</b> , 5, 3218	17.4	560
30	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
29	Trigger-Responsive Poly(β-amino ester) Hydrogels. <i>ACS Macro Letters</i> , <b>2014</b> , 3, 693-697	6.6	40
28	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
27	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
26	Trigger-responsive chain-shattering polymers. <i>Polymer Chemistry</i> , <b>2013</b> , 4, 224-228	4.9	38
25	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
24	Redox-Responsive, Core Cross-Linked Polyester Micelles. <i>ACS Macro Letters</i> , <b>2013</b> , 2, 40-44	6.6	110
23	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
22	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
21	Chain-Shattering Polymeric Therapeutics with On-Demand Drug-Release Capability. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 6563-6567	3.6	23
20	Synthesis of water-soluble poly(β-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
19	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
18	Effect of Chain Length on Cytotoxicity and Endocytosis of Cationic Polymers. <i>Macromolecules</i> , <b>2011</b> , 44, 2050-2057	5.5	86
17	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
16	Interrupted Helical Structure of Grafted Polypeptides in Brush-Like Macromolecules. <i>Macromolecules</i> , <b>2011</b> , 44, 8699-8708	5.5	26
15	Unique Thermo-Induced Sequential Gel-Sol-Gel Transition of Responsive Multiblock Copolymer-Based Hydrogels. <i>Macromolecules</i> , <b>2010</b> , 43, 5184-5187	5.5	44

14	Multi-Responsive Supramolecular Double Hydrophilic Diblock Copolymer Driven by Host-Guest Inclusion Complexation between $\beta$ -Cyclodextrin and Adamantyl Moieties. <i>Macromolecular Chemistry and Physics</i> , <b>2009</b> , 210, 2125-2137	2.6	86
13	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
12	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
11	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
10	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
9	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
8	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
7	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
6	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
5	Stimuli-Responsive Double Hydrophilic Block Copolymer Micelles with Switchable Catalytic Activity. <i>Macromolecules</i> , <b>2007</b> , 40, 3538-3546	5.5	141
4	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	2.6	38
3	Single-Step in Situ Preparation of Polymer-Grafted Multi-Walled Carbon Nanotube Composites under <sup>60</sup> Co $\beta$ Ray Irradiation. <i>Chemistry of Materials</i> , <b>2006</b> , 18, 2929-2934	9.6	76
2	Fabrication of Hybrid Nanoparticles with Thermoresponsive Coronas via a Self-Assembling Approach. <i>Macromolecules</i> , <b>2005</b> , 38, 9813-9820	5.5	79
1	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