

Zhihong Nie

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2222091/publications.pdf>

Version: 2024-02-01

144
papers

18,533
citations

18482

62
h-index

11607

135
g-index

158
all docs

158
docs citations

158
times ranked

21816
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyprodrug Nanomedicines: An Emerging Paradigm for Cancer Therapy. <i>Advanced Materials</i> , 2022, 34, e2107434.	21.0	57
2	Precisely Defining Local Gradients of Stimuli-Responsive Hydrogels for Complex 2D-to-4D Shape Evolutions. <i>Small</i> , 2022, 18, e2104440.	10.0	12
3	Single Copolymer Chain-Templated Synthesis of Ultrasmall Symmetric and Asymmetric Silica-Based Nanoparticles. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	10
4	Centimeter-Scale Superlattices of Three-Dimensionally Orientated Plasmonic Dimers with Highly Tunable Collective Properties. <i>ACS Nano</i> , 2022, 16, 4609-4618.	14.6	10
5	Electrostatic Adsorption Behaviors of Charged Polymer-Tethered Nanoparticles on Oppositely Charged Surfaces. <i>Macromolecular Rapid Communications</i> , 2022, , 2200171.	3.9	1
6	Polymer-Tethered Nanoparticles: From Surface Engineering to Directional Self-Assembly. <i>Accounts of Chemical Research</i> , 2022, 55, 1503-1513.	15.6	23
7	Ionic diode-based self-powered ionic skins with multiple sensory capabilities. <i>Materials Today Physics</i> , 2022, 26, 100744.	6.0	5
8	Transformable Honeycomb-Like Nanoassemblies of Carbon Dots for Regulated Multisite Delivery and Enhanced Antitumor Chemoimmunotherapy. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 6581-6592.	13.8	82
9	Transformable Honeycomb-Like Nanoassemblies of Carbon Dots for Regulated Multisite Delivery and Enhanced Antitumor Chemoimmunotherapy. <i>Angewandte Chemie</i> , 2021, 133, 6655-6666.	2.0	7
10	Polymers and inorganic nanoparticles: A winning combination towards assembled nanostructures for cancer imaging and therapy. <i>Nano Today</i> , 2021, 36, 101046.	11.9	66
11	New-phase retention in colloidal core/shell nanocrystals <i>via</i> pressure-modulated phase engineering. <i>Chemical Science</i> , 2021, 12, 6580-6587.	7.4	6
12	Block-Random Copolymer-Micellization-Mediated Formation of Polymeric Patches on Gold Nanoparticles. <i>Journal of the American Chemical Society</i> , 2021, 143, 5060-5070.	13.7	34
13	General Synthesis of Ultrafine Monodispersed Hybrid Nanoparticles from Highly Stable Monomicelles. <i>Advanced Materials</i> , 2021, 33, e2100820.	21.0	30
14	Engineering heterogeneity of precision nanoparticles for biomedical delivery and therapy. <i>View</i> , 2021, 2, 20200067.	5.3	29
15	Laser-Scanning-Guided Assembly of Quasi-3D Patterned Arrays of Plasmonic Dimers for Information Encryption. <i>Advanced Materials</i> , 2021, 33, e2100325.	21.0	26
16	The Endless and Turbulent Frontier of Academic Entrepreneurship. <i>ACS Nano</i> , 2021, 15, 16947-16952.	14.6	1
17	Polymer-guided assembly of inorganic nanoparticles. <i>Chemical Society Reviews</i> , 2020, 49, 465-508.	38.1	196
18	Nature-Inspired Sequential Shape Transformation of Energy-Patterned Hydrogel Sheets. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 4878-4886.	8.0	16

#	ARTICLE	IF	CITATIONS
19	Polymeric Ligand-Mediated Regioselective Bonding of Plasmonic Nanoplates and Nanospheres. <i>Journal of the American Chemical Society</i> , 2020, 142, 17282-17286.	13.7	25
20	What is next in polymer-grafted plasmonic nanoparticles?. <i>Giant</i> , 2020, 4, 100033.	5.1	25
21	Self-accelerating H ₂ O ₂ -responsive Plasmonic Nanovesicles for Synergistic Chemo/starving therapy of Tumors. <i>Theranostics</i> , 2020, 10, 8691-8704.	10.0	43
22	Self-limiting directional nanoparticle bonding governed by reaction stoichiometry. <i>Science</i> , 2020, 369, 1369-1374.	12.6	139
23	Entropy-driven segregation and budding in hybrid vesicles of binary nanoparticle amphiphiles. <i>Giant</i> , 2020, 1, 100010.	5.1	8
24	Colloidal stability of nanoparticles stabilized with mixed ligands in solvents with varying polarity. <i>Chemical Communications</i> , 2020, 56, 8131-8134.	4.1	20
25	Shape Complementarity Modulated Self-Assembly of Nanoring and Nanosphere Hetero-nanostructures. <i>Journal of the American Chemical Society</i> , 2020, 142, 11680-11684.	13.7	26
26	Light-Mediated Shape Transformation of a Self-Rolling Nanocomposite Hydrogel Tube. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 13521-13528.	8.0	11
27	Macroscopic two-dimensional monolayer films of gold nanoparticles: fabrication strategies, surface engineering and functional applications. <i>Nanoscale</i> , 2020, 12, 7433-7460.	5.6	47
28	Programming the Shape Transformation of a Composite Hydrogel Sheet via Erasable and Rewritable Nanoparticle Patterns. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 42654-42660.	8.0	19
29	Enzyme-induced in vivo assembly of gold nanoparticles for imaging-guided synergistic chemo-photothermal therapy of tumor. <i>Biomaterials</i> , 2019, 223, 119460.	11.4	90
30	Fluorescent microsphere probe for rapid qualitative and quantitative detection of trypsin activity. <i>Nanoscale Advances</i> , 2019, 1, 162-167.	4.6	9
31	Regioselective metal deposition on polymer-Au nanoparticle hybrid chains. <i>Science China Materials</i> , 2019, 62, 1363-1367.	6.3	3
32	Alternating Copolymerization of Inorganic Nanoparticles. <i>Journal of the American Chemical Society</i> , 2019, 141, 7917-7925.	13.7	62
33	Dual-gradient enabled ultrafast biomimetic snapping of hydrogel materials. <i>Science Advances</i> , 2019, 5, eaav7174.	10.3	184
34	Microfluidic Device Directly Fabricated on Screen-Printed Electrodes for Ultrasensitive Electrochemical Sensing of PSA. <i>Nanoscale Research Letters</i> , 2019, 14, 71.	5.7	31
35	Stimuli-responsive cyclodextrin-based nanoplatfoms for cancer treatment and theranostics. <i>Materials Horizons</i> , 2019, 6, 846-870.	12.2	61
36	Symmetry-Breaking Synthesis of Multicomponent Nanoparticles. <i>Accounts of Chemical Research</i> , 2019, 52, 1125-1133.	15.6	58

#	ARTICLE	IF	CITATIONS
37	Melamine promotes calcium crystal formation in three-dimensional microfluidic device. <i>Scientific Reports</i> , 2019, 9, 875.	3.3	18
38	A shape-shifting composite hydrogel sheet with spatially patterned plasmonic nanoparticles. <i>Journal of Materials Chemistry B</i> , 2019, 7, 1679-1683.	5.8	13
39	Supramolecular nanofibrillar hydrogels as highly stretchable, elastic and sensitive ionic sensors. <i>Materials Horizons</i> , 2019, 6, 326-333.	12.2	327
40	A welding phenomenon of dissimilar nanoparticles in dispersion. <i>Nature Communications</i> , 2019, 10, 219.	12.8	18
41	Self-assembly of Polymer-grafted Inorganic Nanoparticles into Functional Hybrid Materials. <i>World Scientific Series in Nanoscience and Nanotechnology</i> , 2019, , 87-133.	0.1	0
42	Nanomagnetic-mediated drug delivery for the treatment of dental disease. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 919-927.	3.3	21
43	Immobilized Seed-Mediated Growth of Two-Dimensional Array of Metallic Nanocrystals with Asymmetric Shapes. <i>ACS Nano</i> , 2018, 12, 1107-1119.	14.6	18
44	Cooperative Assembly of Magneto-Nanovesicles with Tunable Wall Thickness and Permeability for MRI-Guided Drug Delivery. <i>Journal of the American Chemical Society</i> , 2018, 140, 4666-4677.	13.7	138
45	Synthesis and assembly of colloidal cuboids with tunable shape biaxiality. <i>Nature Communications</i> , 2018, 9, 4513.	12.8	21
46	Phase behaviors of colloidal analogs of bent-core liquid crystals. <i>Science Advances</i> , 2018, 4, eaas8829.	10.3	30
47	Novel magnetic nanoparticle-containing adhesive with greater dentin bond strength and antibacterial and remineralizing capabilities. <i>Dental Materials</i> , 2018, 34, 1310-1322.	3.5	35
48	Glutathione-Responsive Self-Assembled Magnetic Gold Nanowreath for Enhanced Tumor Imaging and Imaging-Guided Photothermal Therapy. <i>ACS Nano</i> , 2018, 12, 8129-8137.	14.6	131
49	Controllable self-assembled plasmonic vesicle-based three-dimensional SERS platform for picomolar detection of hydrophobic contaminants. <i>Nanoscale</i> , 2018, 10, 13202-13211.	5.6	25
50	An Enzyme-Free Signal Amplification Technique for Ultrasensitive Colorimetric Assay of Disease Biomarkers. <i>ACS Nano</i> , 2017, 11, 2052-2059.	14.6	150
51	Self-assembled lipoprotein based gold nanoparticles for detection and photothermal disaggregation of β -amyloid aggregates. <i>Chemical Communications</i> , 2017, 53, 2102-2105.	4.1	27
52	Reprogrammable ultra-fast shape-transformation of macroporous composite hydrogel sheets. <i>Journal of Materials Chemistry B</i> , 2017, 5, 2883-2887.	5.8	23
53	Anisotropic Self-Assembly of Hairy Inorganic Nanoparticles. <i>Accounts of Chemical Research</i> , 2017, 50, 12-21.	15.6	111
54	Suppressing Nanoparticle-Mononuclear Phagocyte System Interactions of Two-Dimensional Gold Nanorings for Improved Tumor Accumulation and Photothermal Ablation of Tumors. <i>ACS Nano</i> , 2017, 11, 10539-10548.	14.6	117

#	ARTICLE	IF	CITATIONS
55	Synthesis of circular and triangular gold nanorings with tunable optical properties. <i>Chemical Communications</i> , 2017, 53, 10765-10767.	4.1	17
56	Macroscopic Assembly of Gold Nanorods into Superstructures with Controllable Orientations by Anisotropic Affinity Interaction. <i>Langmuir</i> , 2017, 33, 13867-13873.	3.5	29
57	Synthesis, Self-Assembly, and Applications of Amphiphilic Janus and Triblock Janus Nanoparticle Analogs. , 2017, , 233-275.		0
58	Giant soft-memory in liquid crystal nanocomposites. <i>Applied Physics Letters</i> , 2016, 108, .	3.3	20
59	Synthesis of Platinum Nanotubes and Nanorings via Simultaneous Metal Alloying and Etching. <i>Journal of the American Chemical Society</i> , 2016, 138, 6332-6335.	13.7	49
60	Engineering Gold Nanoparticles in Compass Shape with Broadly Tunable Plasmon Resonances and High-Performance SERS. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 27949-27955.	8.0	39
61	Enzyme-Triggered Folding of Hydrogels: Toward a Mimic of the Venus Flytrap. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 19066-19074.	8.0	56
62	Magneto-Plasmonic Janus Vesicles for Magnetic Field-Enhanced Photoacoustic and Magnetic Resonance Imaging of Tumors. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15297-15300.	13.8	102
63	Magneto-Plasmonic Janus Vesicles for Magnetic Field-Enhanced Photoacoustic and Magnetic Resonance Imaging of Tumors. <i>Angewandte Chemie</i> , 2016, 128, 15523-15526.	2.0	12
64	Collapsed polymer-directed synthesis of multicomponent coaxial-like nanostructures. <i>Nature Communications</i> , 2016, 7, 12147.	12.8	32
65	Catalytic Propulsion and Magnetic Steering of Soft, Patchy Microcapsules: Ability to Pick-Up and Drop-Off Microscale Cargo. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 15676-15683.	8.0	69
66	Self-Assembly of Shaped Nanoparticles into Free-Standing 2D and 3D Superlattices. <i>Small</i> , 2016, 12, 499-505.	10.0	28
67	Light-triggered generation of multifunctional gas-filled capsules on-demand. <i>Journal of Materials Chemistry C</i> , 2016, 4, 652-658.	5.5	5
68	DNA-inorganic hybrid nanovaccine for cancer immunotherapy. <i>Nanoscale</i> , 2016, 8, 6684-6692.	5.6	54
69	Synthesis and Liquid-Crystal Behavior of Bent Colloidal Silica Rods. <i>Journal of the American Chemical Society</i> , 2016, 138, 68-71.	13.7	32
70	Formation of hybrid core-shell microgels induced by autonomous unidirectional migration of nanoparticles. <i>Materials Horizons</i> , 2016, 3, 78-82.	12.2	14
71	Folding Up of Gold Nanoparticle Strings into Plasmonic Vesicles for Enhanced Photoacoustic Imaging. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 15809-15812.	13.8	161
72	Two-Step Raman Imaging Technique To Guide Chemothermal Cancer Therapy. <i>Chemistry - A European Journal</i> , 2015, 21, 17274-17281.	3.3	19

#	ARTICLE	IF	CITATIONS
73	Continuous Microfluidic Self-Assembly of Hybrid Janus-Like Vesicular Motors: Autonomous Propulsion and Controlled Release. <i>Small</i> , 2015, 11, 3762-3767.	10.0	80
74	Self-Assembly of Amphiphilic Block Copolymer-Tethered Nanoparticles: a New Approach to Nanoscale Design of Functional Materials. <i>Macromolecular Rapid Communications</i> , 2015, 36, 711-725.	3.9	44
75	Concurrent self-assembly of amphiphiles into nanoarchitectures with increasing complexity. <i>Nano Today</i> , 2015, 10, 278-300.	11.9	62
76	Photoacoustic and Colorimetric Visualization of Latent Fingerprints. <i>ACS Nano</i> , 2015, 9, 12344-12348.	14.6	58
77	Platinum Nanoparticles: Efficient and Stable Catechol Oxidase Mimetics. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 19709-19717.	8.0	98
78	Accounting for inhomogeneous broadening in nano-optics by electromagnetic modeling based on Monte Carlo methods. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E639-E644.	7.1	17
79	Nanoparticles: Spontaneous Organization of Inorganic Nanoparticles into Nanovesicles Triggered by UV Light (<i>Adv. Mater.</i> 32/2014). <i>Advanced Materials</i> , 2014, 26, 5731-5731.	21.0	0
80	Spontaneous Organization of Inorganic Nanoparticles into Nanovesicles Triggered by UV Light. <i>Advanced Materials</i> , 2014, 26, 5613-5618.	21.0	112
81	Hybrid hydrogel sheets that undergo pre-programmed shape transformations. <i>Soft Matter</i> , 2014, 10, 8157-8162.	2.7	65
82	From nature to synthetic systems: shape transformation in soft materials. <i>Journal of Materials Chemistry B</i> , 2014, 2, 2357-2368.	5.8	175
83	pH dependent catalytic activities of platinum nanoparticles with respect to the decomposition of hydrogen peroxide and scavenging of superoxide and singlet oxygen. <i>Nanoscale</i> , 2014, 6, 11904-11910.	5.6	171
84	Entropy-Driven Pattern Formation of Hybrid Vesicular Assemblies Made from Molecular and Nanoparticle Amphiphiles. <i>Journal of the American Chemical Society</i> , 2014, 136, 2602-2610.	13.7	126
85	Harnessing the collective properties of nanoparticle ensembles for cancer theranostics. <i>Nano Research</i> , 2014, 7, 1719-1730.	10.4	47
86	Ordering of Gold Nanorods in Confined Spaces by Directed Assembly. <i>Macromolecules</i> , 2013, 46, 2241-2248.	4.8	81
87	Vesicular Self-Assembly of Colloidal Amphiphiles in Microfluidics. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 9746-9751.	8.0	51
88	Three-dimensional shape transformations of hydrogel sheets induced by small-scale modulation of internal stresses. <i>Nature Communications</i> , 2013, 4, 1586.	12.8	518
89	Multiple Shape Transformations of Composite Hydrogel Sheets. <i>Journal of the American Chemical Society</i> , 2013, 135, 4834-4839.	13.7	302
90	Near-infrared light-responsive vesicles of Au nanoflowers. <i>Chemical Communications</i> , 2013, 49, 576-578.	4.1	57

#	ARTICLE	IF	CITATIONS
91	Photosensitizer-Loaded Gold Vesicles with Strong Plasmonic Coupling Effect for Imaging-Guided Photothermal/Photodynamic Therapy. ACS Nano, 2013, 7, 5320-5329.	14.6	603
92	<i>In Situ</i> Plasmonic Counter for Polymerization of Chains of Gold Nanorods in Solution. ACS Nano, 2013, 7, 5901-5910.	14.6	63
93	Autonomous self-healing of poly(acrylic acid) hydrogels induced by the migration of ferric ions. Polymer Chemistry, 2013, 4, 4601.	3.9	242
94	Interfacial phenomena in (de)hydrogenation reactions. Physical Chemistry Chemical Physics, 2013, 15, 11985.	2.8	4
95	Ultrasound assisted interfacial synthesis of gold nanocones. Chemical Communications, 2013, 49, 987-989.	4.1	29
96	Self-Assembly of Amphiphilic Plasmonic Micelle-Like Nanoparticles in Selective Solvents. Journal of the American Chemical Society, 2013, 135, 7974-7984.	13.7	251
97	Asymmetric organic/metal(oxide) hybrid nanoparticles: synthesis and applications. Nanoscale, 2013, 5, 5151.	5.6	50
98	A Simple Route To Improve Inorganic Nanoparticles Loading Efficiency in Block Copolymer Micelles. Macromolecules, 2013, 46, 2282-2291.	4.8	61
99	Biodegradable Gold Nanovesicles with an Ultrastrong Plasmonic Coupling Effect for Photoacoustic Imaging and Photothermal Therapy. Angewandte Chemie - International Edition, 2013, 52, 13958-13964.	13.8	577
100	Hydrodynamically Driven Self-Assembly of Giant Vesicles of Metal Nanoparticles for Remote-Controlled Release. Angewandte Chemie - International Edition, 2013, 52, 2463-2468.	13.8	118
101	Construction of multifunctional photonic crystal microcapsules with tunable shell structures by combining microfluidic and controlled photopolymerization. Lab on A Chip, 2012, 12, 2795.	6.0	40
102	Self-Assembly of Inorganic Nanoparticle Vesicles and Tubules Driven by Tethered Linear Block Copolymers. Journal of the American Chemical Society, 2012, 134, 11342-11345.	13.7	286
103	Paper-Based Analytical Device for Electrochemical Flow-Injection Analysis of Glucose in Urine. Analytical Chemistry, 2012, 84, 4147-4152.	6.5	153
104	Microfluidic 3D cell culture: potential application for tissue-based bioassays. Bioanalysis, 2012, 4, 1509-1525.	1.5	268
105	A General Approach to Synthesize Asymmetric Hybrid Nanoparticles by Interfacial Reactions. Journal of the American Chemical Society, 2012, 134, 3639-3642.	13.7	72
106	Facile synthesis of functional Au nanopatches and nanocups. Chemical Communications, 2012, 48, 7344.	4.1	29
107	Separation of Nanoparticles in Aqueous Multiphase Systems through Centrifugation. Nano Letters, 2012, 12, 4060-4064.	9.1	186
108	Wet-Chemical Synthesis of Amphiphilic Rodlike Silica Particles and their Molecular Mimetic Assembly in Selective Solvents. Angewandte Chemie - International Edition, 2012, 51, 3628-3633.	13.8	45

#	ARTICLE	IF	CITATIONS
109	One-pot facile synthesis of Janus particles with tailored shape and functionality. <i>Chemical Communications</i> , 2011, 47, 12450.	4.1	49
110	Temperature-controlled "breathing"™ of carbon dioxide bubbles. <i>Lab on A Chip</i> , 2011, 11, 3545.	6.0	29
111	Temperature mediated generation of armoured bubbles. <i>Chemical Communications</i> , 2011, 47, 12712.	4.1	15
112	Electrochemical Microfluidic Paper-Based Analytical Devices Using a Glucometer for Point-of-Care Detection of Multiple Analytes. <i>ECS Meeting Abstracts</i> , 2011, , .	0.0	0
113	Properties and emerging applications of self-assembled structures made from inorganic nanoparticles. <i>Nature Nanotechnology</i> , 2010, 5, 15-25.	31.5	1,449
114	Electrochemical sensing in paper-based microfluidic devices. <i>Lab on A Chip</i> , 2010, 10, 477-483.	6.0	837
115	Programmable diagnostic devices made from paper and tape. <i>Lab on A Chip</i> , 2010, 10, 2499.	6.0	320
116	Micro- and Nanopatterning of Inorganic and Polymeric Substrates by Indentation Lithography. <i>Nano Letters</i> , 2010, 10, 2702-2708.	9.1	72
117	Step-Growth Polymerization of Inorganic Nanoparticles. <i>Science</i> , 2010, 329, 197-200.	12.6	475
118	Integration of paper-based microfluidic devices with commercial electrochemical readers. <i>Lab on A Chip</i> , 2010, 10, 3163.	6.0	452
119	A microfluidic route to small CO ₂ microbubbles with narrow size distribution. <i>Soft Matter</i> , 2010, 6, 630-634.	2.7	38
120	A Microfluidic Approach to Chemically Driven Assembly of Colloidal Particles at Gas-Liquid Interfaces. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5300-5304.	13.8	83
121	Cover Picture: A Microfluidic Approach to Chemically Driven Assembly of Colloidal Particles at Gas-Liquid Interfaces (<i>Angew. Chem. Int. Ed.</i> 29/2009). <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5219-5219.	13.8	0
122	Plasmon spectra in two-dimensional nanorod arrays. <i>Nanotechnology</i> , 2009, 20, 295203.	2.6	6
123	Close-Packed Superlattices of Side-by-Side Assembled Au-CdSe Nanorods. <i>Nano Letters</i> , 2009, 9, 3077-3081.	9.1	115
124	Emulsification in a microfluidic flow-focusing device: effect of the viscosities of the liquids. <i>Microfluidics and Nanofluidics</i> , 2008, 5, 585-594.	2.2	299
125	Evolution of Self-Assembled Structures of Polymer-Terminated Gold Nanorods in Selective Solvents. <i>Advanced Materials</i> , 2008, 20, 4318-4322.	21.0	124
126	Patterning surfaces with functional polymers. <i>Nature Materials</i> , 2008, 7, 277-290.	27.5	841

#	ARTICLE	IF	CITATIONS
127	Simultaneous generation of droplets with different dimensions in parallel integrated microfluidic droplet generators. <i>Soft Matter</i> , 2008, 4, 258-262.	2.7	93
128	Supramolecular Assembly of Gold Nanorods End-Terminated with Polymer Pom-Poms: Effect of Pom-Pom Structure on the Association Modes. <i>Journal of the American Chemical Society</i> , 2008, 130, 3683-3689.	13.7	213
129	Multi-Step Microfluidic Polymerization Reactions Conducted in Droplets: The Internal Trigger Approach. <i>Journal of the American Chemical Society</i> , 2008, 130, 9935-9941.	13.7	77
130	Microfluidic Synthesis of Macroporous Copolymer Particles. <i>Macromolecules</i> , 2008, 41, 3555-3561.	4.8	58
131	An Inside-Out Microfluidic Approach to Monodisperse Emulsions Stabilized by Solid Particles. <i>Journal of the American Chemical Society</i> , 2008, 130, 16508-16509.	13.7	109
132	Microfluidic consecutive flow-focusing droplet generators. <i>Soft Matter</i> , 2007, 3, 986.	2.7	230
133	Screening of the Effect of Surface Energy of Microchannels on Microfluidic Emulsification. <i>Langmuir</i> , 2007, 23, 8010-8014.	3.5	78
134	Self-assembly of metal-polymer analogues of amphiphilic triblock copolymers. <i>Nature Materials</i> , 2007, 6, 609-614.	27.5	746
135	Janus and Ternary Particles Generated by Microfluidic Synthesis: Design, Synthesis, and Self-Assembly. <i>Journal of the American Chemical Society</i> , 2006, 128, 9408-9412.	13.7	692
136	Microfluidic Production of Biopolymer Microcapsules with Controlled Morphology. <i>Journal of the American Chemical Society</i> , 2006, 128, 12205-12210.	13.7	335
137	Generation of Monodisperse Particles by Using Microfluidics: Control over Size, Shape, and Composition. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 724-728.	13.8	700
138	Generation of Monodisperse Particles by Using Microfluidics: Control over Size, Shape, and Composition. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 3799-3799.	13.8	55
139	Conformational Study on Thin Films of Symmetric AnB ₂ nAn Triblock Copolymer. <i>Macromolecular Theory and Simulations</i> , 2005, 14, 463-473.	1.4	18
140	Microfluidics: From Dynamic Lattices to Periodic Arrays of Polymer Disks. <i>Langmuir</i> , 2005, 21, 4773-4775.	3.5	81
141	Continuous Microfluidic Reactors for Polymer Particles. <i>Langmuir</i> , 2005, 21, 11614-11622.	3.5	244
142	Polymer Particles with Various Shapes and Morphologies Produced in Continuous Microfluidic Reactors. <i>Journal of the American Chemical Society</i> , 2005, 127, 8058-8063.	13.7	503
143	Continuous Synthesis of Copolymer Particles in Microfluidic Reactors. <i>Macromolecules</i> , 2005, 38, 4536-4538.	4.8	72
144	Construction of 3D shape-changing hydrogels via light-modulated internal stress fields. <i>Energy and Environmental Materials</i> , 0, , .	12.8	2