

Qiang He

List of Publications by Year in descending order

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192
papers

14,416
citations

14614

66
h-index

21474

114
g-index

214
all docs

214
docs citations

214
times ranked

12331
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlled Preparation of MnO ₂ Hierarchical Hollow Nanostructures and Their Application in Water Treatment. <i>Advanced Materials</i> , 2008, 20, 452-456.	11.1	712
2	Reconfigurable magnetic microrobot swarm: Multimode transformation, locomotion, and manipulation. <i>Science Robotics</i> , 2019, 4, .	9.9	459
3	Near Infrared Light-Powered Janus Mesoporous Silica Nanoparticle Motors. <i>Journal of the American Chemical Society</i> , 2016, 138, 6492-6497.	6.6	385
4	Self-Propelled Polymer-Based Multilayer Nanorockets for Transportation and Drug Release. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7000-7003.	7.2	321
5	Transition of Cationic Dipeptide Nanotubes into Vesicles and Oligonucleotide Delivery. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 2431-2434.	7.2	306
6	Macrophage Cell Membrane Camouflaged Au Nanoshells for in Vivo Prolonged Circulation Life and Enhanced Cancer Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 9610-9618.	4.0	295
7	Stem Cell Membrane-Coated Nanogels for Highly Efficient In Vivo Tumor Targeted Drug Delivery. <i>Small</i> , 2016, 12, 4056-4062.	5.2	271
8	Macrophage Cell Membrane Camouflaged Mesoporous Silica Nanocapsules for In Vivo Cancer Therapy. <i>Advanced Healthcare Materials</i> , 2015, 4, 1645-1652.	3.9	259
9	Turning Erythrocytes into Functional Micromotors. <i>ACS Nano</i> , 2014, 8, 12041-12048.	7.3	247
10	Smart core/shell nanocomposites: Intelligent polymers modified gold nanoparticles. <i>Advances in Colloid and Interface Science</i> , 2009, 149, 28-38.	7.0	245
11	Organogels Based on Self-Assembly of Diphenylalanine Peptide and Their Application To Immobilize Quantum Dots. <i>Chemistry of Materials</i> , 2008, 20, 1522-1526.	3.2	238
12	Highly Flexible Polyelectrolyte Nanotubes. <i>Journal of the American Chemical Society</i> , 2003, 125, 11140-11141.	6.6	234
13	Fabrication of pH-Responsive Nanocomposites of Gold Nanoparticles/Poly(4-vinylpyridine). <i>Chemistry of Materials</i> , 2007, 19, 412-417.	3.2	232
14	Dual-responsive biohybrid neutrobots for active target delivery. <i>Science Robotics</i> , 2021, 6, .	9.9	227
15	Near-Infrared Light-Triggered "On/Off" Motion of Polymer Multilayer Rockets. <i>ACS Nano</i> , 2014, 8, 6097-6105.	7.3	221
16	Autonomous Movement of Controllable Assembled Janus Capsule Motors. <i>ACS Nano</i> , 2012, 6, 10910-10916.	7.3	214
17	Cell-Membrane-Coated Synthetic Nanomotors for Effective Biodetoxification. <i>Advanced Functional Materials</i> , 2015, 25, 3881-3887.	7.8	212
18	Self-Propelled Polymer Multilayer Janus Capsules for Effective Drug Delivery and Light-Triggered Release. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 10476-10481.	4.0	208

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19	Biodegradable Protein-Based Rockets for Drug Transportation and Light-Triggered Release. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 250-255.	4.0	208
20	Self-Propelled Micro-Nanomotors Based on Controlled Assembled Architectures. <i>Advanced Materials</i> , 2016, 28, 1060-1072.	11.1	203
21	Biomedical Micro-Nanomotors: From Overcoming Biological Barriers to In Vivo Imaging. <i>Advanced Materials</i> , 2021, 33, e2000512.	11.1	195
22	Molecular assembly and application of biomimetic microcapsules. <i>Chemical Society Reviews</i> , 2009, 38, 2292.	18.7	190
23	Shape-Transformable, Fusible Rodlike Swimming Liquid Metal Nanomachine. <i>ACS Nano</i> , 2018, 12, 10212-10220.	7.3	186
24	Self-Propelled Nanomotors for Thermomechanically Percolating Cell Membranes. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12463-12467.	7.2	173
25	Thermosensitive Nanostructures Comprising Gold Nanoparticles Grafted with Block Copolymers. <i>Advanced Functional Materials</i> , 2007, 17, 3134-3140.	7.8	171
26	Superfast Near-Infrared Light-Driven Polymer Multilayer Rockets. <i>Small</i> , 2016, 12, 577-582.	5.2	168
27	Chemotaxis-Guided Hybrid Neutrophil Micromotors for Targeted Drug Transport. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12935-12939.	7.2	166
28	Self-Propelled Janus Mesoporous Silica Nanomotors with Sub-100 nm Diameters for Drug Encapsulation and Delivery. <i>ChemPhysChem</i> , 2014, 15, 2255-2260.	1.0	155
29	Magnetically Actuated Peanut Colloid Motors for Cell Manipulation and Patterning. <i>ACS Nano</i> , 2018, 12, 2539-2545.	7.3	153
30	Reversible Transitions between Peptide Nanotubes and Vesicle-Like Structures Including Theoretical Modeling Studies. <i>Chemistry - A European Journal</i> , 2008, 14, 5974-5980.	1.7	151
31	Immobilization of glucose oxidase onto gold nanoparticles with enhanced thermostability. <i>Biochemical and Biophysical Research Communications</i> , 2007, 355, 488-493.	1.0	149
32	RBC micromotors carrying multiple cargos towards potential theranostic applications. <i>Nanoscale</i> , 2015, 7, 13680-13686.	2.8	149
33	Water-Powered Cell-Mimicking Janus Micromotor. <i>Advanced Functional Materials</i> , 2015, 25, 7497-7501.	7.8	147
34	Two-Stage pH Response of Poly(4-vinylpyridine) Grafted Gold Nanoparticles. <i>Macromolecules</i> , 2008, 41, 7254-7256.	2.2	144
35	Plasmonic nanoparticle-embedded poly(<i>p</i> -phenylene benzobisoxazole) nanofibrous composite films for solar steam generation. <i>Nanoscale</i> , 2018, 10, 6186-6193.	2.8	143
36	Preparation of polymer-coated mesoporous silica nanoparticles used for cellular imaging by a graft-from method. <i>Journal of Materials Chemistry</i> , 2008, 18, 5731.	6.7	132

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37	Stem-Cell-Membrane Camouflaging on Near-Infrared Photoactivated Upconversion Nanoarchitectures for in Vivo Remote-Controlled Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 34252-34260.	4.0	132
38	Assembled alginate/chitosan nanotubes for biological application. <i>Biomaterials</i> , 2007, 28, 3083-3090.	5.7	130
39	Red Blood Cell-Mimicking Micromotor for Active Photodynamic Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 23392-23400.	4.0	126
40	Recent Progress on Bioinspired Self-Propelled Micro/Nanomotors via Controlled Molecular Self-Assembly. <i>Small</i> , 2016, 12, 3080-3093.	5.2	125
41	Thermosensitive Copolymer Networks Modify Gold Nanoparticles for Nanocomposite Entrapment. <i>Chemistry - A European Journal</i> , 2007, 13, 2224-2229.	1.7	121
42	Near-Infrared-Activated Nanocalorifiers in Microcapsules: Vapor Bubble Generation for In Vivo Enhanced Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12782-12787.	7.2	118
43	Gold-Nanoshell-Functionalized Polymer Nanoswimmer for Photomechanical Poration of Single-Cell Membrane. <i>Journal of the American Chemical Society</i> , 2019, 141, 6601-6608.	6.6	118
44	Guidable Thermophoretic Janus Micromotors Containing Gold Nanocalorifiers for Infrared Laser Assisted Tissue Welding. <i>Advanced Science</i> , 2016, 3, 1600206.	5.6	115
45	Bubble-Propelled Janus Gallium/Zinc Micromotors for the Active Treatment of Bacterial Infections. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8750-8754.	7.2	115
46	Autonomous Collision-Free Navigation of Microvehicles in Complex and Dynamically Changing Environments. <i>ACS Nano</i> , 2017, 11, 9268-9275.	7.3	107
47	Encapsulated photosensitive drugs by biodegradable microcapsules to incapacitate cancer cells. <i>Journal of Materials Chemistry</i> , 2007, 17, 4018.	6.7	99
48	Near-infrared light-driven Janus capsule motors: Fabrication, propulsion, and simulation. <i>Nano Research</i> , 2016, 9, 3747-3756.	5.8	96
49	Noncontinuous Super-Diffusive Dynamics of a Light-Activated Nanobottle Motor. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6838-6842.	7.2	95
50	Hemoglobin protein hollow shells fabricated through covalent layer-by-layer technique. <i>Biochemical and Biophysical Research Communications</i> , 2007, 354, 357-362.	1.0	94
51	Assembly of a Self-Complementary Monomer: Formation of Supramolecular Polymer Networks and Responsive Gels. <i>Chemistry - A European Journal</i> , 2011, 17, 2435-2441.	1.7	93
52	Fabrication of Protein Nanotubes Based on Layer-by-Layer Assembly. <i>Biomacromolecules</i> , 2006, 7, 2539-2542.	2.6	88
53	Light-Activated Active Colloid Ribbons. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 13517-13520.	7.2	87
54	Macroscale Chemotaxis from a Swarm of Bacteria-Mimicking Nanoswimmers. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12200-12205.	7.2	85

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55	Motor Protein CF ₀ /F ₁ Reconstituted in Lipid-Coated Hemoglobin Microcapsules for ATP Synthesis. <i>Advanced Materials</i> , 2008, 20, 601-605.	11.1	83
56	Fabrication of Fluorescent Nanotubes Based on Layer-by-Layer Assembly via Covalent Bond. <i>Langmuir</i> , 2006, 22, 360-362.	1.6	78
57	A peony-flower-like hierarchical mesocrystal formed by diphenylalanine. <i>Journal of Materials Chemistry</i> , 2010, 20, 6734.	6.7	78
58	Adenosine Triphosphate Biosynthesis Catalyzed by F ₀ /F ₁ ATP Synthase Assembled in Polymer Microcapsules. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 6996-7000.	7.2	77
59	Thermoresponsive Polymer Brush Modulation on the Direction of Motion of Phoretically Driven Janus Micromotors. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4184-4188.	7.2	76
60	Smart polyelectrolyte microcapsules as carriers for water-soluble small molecular drug. <i>Journal of Controlled Release</i> , 2009, 139, 160-166.	4.8	74
61	Leukocyte Membrane-Coated Liquid Metal Nanoswimmers for Actively Targeted Delivery and Synergistic Chemophotothermal Therapy. <i>Research</i> , 2020, 2020, 3676954.	2.8	73
62	Fabrication of Thermosensitive Polymer Nanopatterns through Chemical Lithography and Atom Transfer Radical Polymerization. <i>Langmuir</i> , 2007, 23, 3981-3987.	1.6	72
63	Complex polymer brush gradients based on nanolithography and surface-initiated polymerization. <i>Chemical Society Reviews</i> , 2012, 41, 3584.	18.7	70
64	Leucocyte Membrane-Coated Janus Microcapsules for Enhanced Photothermal Cancer Treatment. <i>Langmuir</i> , 2016, 32, 3637-3644.	1.6	68
65	Self-Assembly of Peptide-Based Colloids Containing Lipophilic Nanocrystals. <i>Small</i> , 2008, 4, 1687-1693.	5.2	67
66	Self-assembly of composite nanotubes and their applications. <i>Current Opinion in Colloid and Interface Science</i> , 2009, 14, 115-125.	3.4	67
67	Synthesis of Thermosensitive PNIPAM-co-MBAA Nanotubes by Atom Transfer Radical Polymerization within a Porous Membrane. <i>Macromolecular Rapid Communications</i> , 2005, 26, 1552-1556.	2.0	64
68	Polymeric capsule-cushioned leukocyte cell membrane vesicles as a biomimetic delivery platform. <i>Nanoscale</i> , 2016, 8, 3548-3554.	2.8	63
69	Surface Wettability-Directed Propulsion of Glucose-Powered Nanoflask Motors. <i>ACS Nano</i> , 2019, 13, 12758-12766.	7.3	63
70	Dynamic adsorption and characterization of phospholipid and mixed phospholipid/protein layers at liquid/liquid interfaces. <i>Advances in Colloid and Interface Science</i> , 2008, 140, 67-76.	7.0	62
71	Assembly of Nanotubes of Poly(4-vinylpyridine) and Poly(acrylic acid) through Hydrogen Bonding. <i>Chemistry - A European Journal</i> , 2006, 12, 4808-4812.	1.7	59
72	Peptide Mesocrystals as Templates to Create an Au Surface with Stronger Surface-Enhanced Raman Spectroscopic Properties. <i>Chemistry - A European Journal</i> , 2011, 17, 3370-3375.	1.7	59

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73	Fabrication of Controlled Thermosensitive Polymer Nanopatterns with One-Pot Polymerization Through Chemical Lithography. <i>Small</i> , 2007, 3, 1860-1865.	5.2	58
74	Microcapsules Containing a Biomolecular Motor for ATP Biosynthesis. <i>Advanced Materials</i> , 2008, 20, 2933-2937.	11.1	58
75	Layer-by-layer assembly of magnetic polypeptide nanotubes as a DNA carrier. <i>Journal of Materials Chemistry</i> , 2008, 18, 748.	6.7	57
76	Near infrared-modulated propulsion of catalytic Janus polymer multilayer capsule motors. <i>Chemical Communications</i> , 2015, 51, 511-514.	2.2	57
77	c-Abl ⁺ signaling plays an important role in MPTP-induced neuronal death. <i>Cell Death and Differentiation</i> , 2016, 23, 542-552.	5.0	57
78	Biointerfacing polymeric microcapsules for in vivo near-infrared light-triggered drug release. <i>Nanoscale</i> , 2015, 7, 19092-19098.	2.8	56
79	Self-thermophoretic motion of controlled assembled micro-/nanomotors. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 23606-23613.	1.3	55
80	Reconfigurable Assembly of Active Liquid Metal Colloidal Cluster. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19884-19888.	7.2	55
81	Hierarchical gold/copolymer nanostructures as hydrophobic nanotanks for drug encapsulation. <i>Journal of Materials Chemistry</i> , 2010, 20, 7782.	6.7	53
82	Hydrothermal-Induced Structure Transformation of Polyelectrolyte Multilayers: From Nanotubes to Capsules. <i>Langmuir</i> , 2008, 24, 5508-5513.	1.6	51
83	Proton Gradients Produced by Glucose Oxidase Microcapsules Containing Motor F ₀ F ₁ -ATPase for Continuous ATP Biosynthesis. <i>Journal of Physical Chemistry B</i> , 2009, 113, 395-399.	1.2	51
84	Light-activated Janus self-assembled capsule micromotors. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 482, 92-97.	2.3	49
85	Collective motion and dynamic self-assembly of colloid motors. <i>Current Opinion in Colloid and Interface Science</i> , 2018, 35, 51-58.	3.4	48
86	A Hole-Transporting Material with Controllable Morphology Containing Binaphthyl and Triphenylamine Chromophores. <i>Advanced Functional Materials</i> , 2006, 16, 1343-1348.	7.8	47
87	Chemotaxis-Guided Hybrid Neutrophil Micromotors for Targeted Drug Transport. <i>Angewandte Chemie</i> , 2017, 129, 13115-13119.	1.6	47
88	Bubble-Pair Propelled Colloidal Kayaker. <i>Journal of the American Chemical Society</i> , 2018, 140, 11902-11905.	6.6	47
89	How Leucocyte Cell Membrane Modified Janus Microcapsules are Phagocytosed by Cancer Cells. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 4407-4415.	4.0	46
90	Self-Propelled Rolled-Up Polyelectrolyte Multilayer Microrockets. <i>Advanced Functional Materials</i> , 2018, 28, 1705684.	7.8	46

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91	Cell Membraneâ€“Camouflaged Colloid Motors for Biomedical Applications. <i>Advanced Therapeutics</i> , 2018, 1, 1800056.	1.6	46
92	Selective Recognition of Coâ€“assembled Thrombin Aptamer and Docetaxel on Mesoporous Silica Nanoparticles against Tumor Cell Proliferation. <i>Chemistry - A European Journal</i> , 2011, 17, 13170-13174.	1.7	45
93	Programmable Generation and Motion Control of a Snakelike Magnetic Microrobot Swarm. <i>IEEE/ASME Transactions on Mechatronics</i> , 2019, 24, 902-912.	3.7	45
94	Automated Noncontact Micromanipulation Using Magnetic Swimming Microrobots. <i>IEEE Nanotechnology Magazine</i> , 2018, 17, 666-669.	1.1	40
95	Poly(vinyl alcohol) hydrogels integrated with cuprous oxideâ€“tannic acid submicroparticles for enhanced mechanical properties and synergetic antibiofouling. <i>Journal of Colloid and Interface Science</i> , 2019, 535, 491-498.	5.0	38
96	Synthesis of PNIPAM-co-MBAA Copolymer Nanotubes with Composite Control. <i>Langmuir</i> , 2006, 22, 8205-8208.	1.6	36
97	Magnetically Actuated Rolling of Starâ€“shaped Hydrogel Microswimmer. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1700540.	1.1	36
98	Structural Changes of Phospholipid Monolayers Caused by Coupling of Human Serum Albumin:â€“ A GIXD Study at the Air/Water Interface. <i>Journal of Physical Chemistry B</i> , 2004, 108, 14171-14177.	1.2	35
99	Self-assembly and Characterization of Polypyrrole and Polyallylamine Multilayer Films and Hollow Shells. <i>Chemistry of Materials</i> , 2004, 16, 3677-3681.	3.2	34
100	Motionâ€“Based, Highâ€“Yielding, and Fast Separation of Different Charged Organics in Water. <i>ChemPhysChem</i> , 2015, 16, 147-151.	1.0	34
101	Polybenzoxazole Nanofiber-Reinforced Moisture-Responsive Soft Actuators. <i>Scientific Reports</i> , 2017, 7, 769.	1.6	34
102	Magnetically-guided hydrogel capsule motors produced via ultrasound assisted hydrodynamic electrospray ionization jetting. <i>Journal of Colloid and Interface Science</i> , 2019, 541, 407-417.	5.0	34
103	Programmable Dynamic Shapes with a Swarm of Lightâ€“Powered Colloidal Motors. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16674-16679.	7.2	34
104	Remoteâ€“Controllable Explosive Polymer Multilayer Tubes for Rapid Cancer Cell Killing. <i>Macromolecular Rapid Communications</i> , 2015, 36, 1444-1449.	2.0	33
105	Self-propelled two dimensional polymer multilayer plate micromotors. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 3397-3401.	1.3	33
106	Cancer Cell Membraneâ€“Camouflaged Micromotor. <i>Advanced Therapeutics</i> , 2019, 2, 1900096.	1.6	33
107	Autonomous Motion of Bubble-Powered Carbonaceous Nanoflask Motors. <i>Langmuir</i> , 2020, 36, 7039-7045.	1.6	33
108	Swimming nanorobots for opening a cell membrane mechanically. <i>View</i> , 2020, 1, 20200005.	2.7	33

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109	Conductive Polypyrrole and Poly(allylamine hydrochloride) Nanotubes Fabricated with Layer-by-Layer Assembly. <i>Macromolecular Rapid Communications</i> , 2005, 26, 1965-1969.	2.0	32
110	Hydrolysis characterization of phospholipid monolayers catalyzed by different phospholipases at the air-water interface. <i>Advances in Colloid and Interface Science</i> , 2007, 131, 91-98.	7.0	32
111	Influence of Polyelectrolyte Multilayer Coating on the Degree and Type of Biofouling in Freshwater Environment. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 4341-4350.	0.9	30
112	Forecastable and Guidable Bubble-Propelled Microplate Motors for Cell Transport. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600795.	2.0	29
113	Light-Activated Active Colloid Ribbons. <i>Angewandte Chemie</i> , 2017, 129, 13702-13705.	1.6	29
114	Near-infrared light propelled motion of needlelike liquid metal nanoswimmers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 611, 125865.	2.3	29
115	Janus-micromotor-based on-off luminescence sensor for active TNT detection. <i>Beilstein Journal of Nanotechnology</i> , 2019, 10, 1324-1331.	1.5	28
116	Self-Propelled Nanomotors for Thermomechanically Percolating Cell Membranes. <i>Angewandte Chemie</i> , 2018, 130, 12643-12647.	1.6	27
117	Catalytic Polymer Multilayer Shell Motors for Separation of Organics. <i>Chemistry - A European Journal</i> , 2016, 22, 1587-1591.	1.7	26
118	Recent progress on motion control of swimming micro/nanorobots. <i>View</i> , 2021, 2, 20200113.	2.7	25
119	Hydrolysis Reaction Analysis of \pm -Distearoylphosphatidylcholine Monolayer Catalyzed by Phospholipase A2 with Polarization-Modulated Infrared Reflection Absorption Spectroscopy. <i>Langmuir</i> , 2005, 21, 1051-1054.	1.6	23
120	Synthesis and <i>in vitro</i> Behavior of Multivalent Cationic Lipopeptide for DNA Delivery and Release in HeLa Cells. <i>Bioconjugate Chemistry</i> , 2007, 18, 1735-1738.	1.8	23
121	Layer-by-Layer Assembled Nanotubes as Biomimetic Nanoreactors for Calcium Carbonate Deposition. <i>Macromolecular Rapid Communications</i> , 2009, 30, 1538-1542.	2.0	23
122	Assembled capsules transportation driven by motor proteins. <i>Biochemical and Biophysical Research Communications</i> , 2009, 379, 175-178.	1.0	23
123	Poly(<i>p</i> -phenylene benzobisoxazole) nanofiber/reduced graphene oxide composite aerogels toward high-efficiency solar steam generation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 612, 125997.	2.3	23
124	A Light-Activated Explosive Micropropeller. <i>Scientific Reports</i> , 2017, 7, 4621.	1.6	22
125	Adenosine Triphosphate Biosynthesis Catalyzed by F_oF_1 ATP Synthase Assembled in Polymer Microcapsules. <i>Angewandte Chemie</i> , 2007, 119, 7126-7130.	1.6	21
126	Micro-contact printing of PEM thin films: effect of line tension and surface energies. <i>RSC Advances</i> , 2015, 5, 51891-51899.	1.7	21

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127	Laser-induced fast fusion of gold nanoparticle-modified polyelectrolyte microcapsules. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 3281-3286.	1.3	21
128	Fabrication of Polyethyleneimine and Poly(styrene- <i>co</i> -maleic anhydride) Nanotubes Through Covalent Bond. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 2072-2076.	0.9	20
129	Novel controllable auxetic effect of linearly elongated supported polyelectrolyte multilayers with amorphous structure. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 483-488.	1.3	20
130	Guidable GNR-Fe ₃ O ₄ -PEM@SiO ₂ composite particles containing near infrared active nanocalorifiers for laser assisted tissue welding. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 511, 73-81.	2.3	20
131	Direct Observations of the Cleavage Reaction of an L-DPPC Monolayer Catalyzed by Phospholipase A2 and Inhibited by an Indole Inhibitor at the Air/Water Interface. <i>ChemBioChem</i> , 2003, 4, 299-305.	1.3	19
132	Dynamic and morphological investigation of phospholipid monolayer hydrolysis by phospholipase C. <i>Biochemical and Biophysical Research Communications</i> , 2003, 300, 541-545.	1.0	19
133	Polyelectrolyte multilayer-cushioned fluid lipid bilayers: a parachute model. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 2008-2016.	1.3	19
134	Hydrodynamic electrospray ionization jetting of calcium alginate particles: effect of spray-mode, spraying distance and concentration. <i>RSC Advances</i> , 2018, 8, 24243-24249.	1.7	19
135	Macroscale Chemotaxis from a Swarm of Bacteria Mimicking Nanoswimmers. <i>Angewandte Chemie</i> , 2019, 131, 12328-12333.	1.6	19
136	Torque-Driven Orientation Motion of Chemotactic Colloidal Motors. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202116013.	7.2	19
137	Effect of Linear Elongation on Carbon Nanotube and Polyelectrolyte Structures in PDMS-Supported Nanocomposite LbL Films. <i>Journal of Physical Chemistry B</i> , 2012, 116, 12257-12262.	1.2	18
138	Photo-crosslinked natural polyelectrolyte multilayer capsules for drug delivery. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2015, 482, 315-323.	2.3	18
139	Liquid Metal Swimming Nanorobots. <i>Accounts of Materials Research</i> , 2022, 3, 122-132.	5.9	18
140	Direct Visualization of the Dynamic Hydrolysis Process of an L-DPPC Monolayer Catalyzed by Phospholipase D at the Air/Water Interface. <i>Journal of Physical Chemistry B</i> , 2004, 108, 473-476.	1.2	17
141	Orientation change of polyelectrolytes in linearly elongated polyelectrolyte multilayer measured by polarized UV spectroscopy. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 415, 366-373.	2.3	17
142	The collision phenomena of Janus polymer micro-plate motors propelled by oscillating micro-bubbles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 510, 113-121.	2.3	17
143	Thermoresponsive Polymer Brush Modulation on the Direction of Motion of Phoretically Driven Janus Micromotors. <i>Angewandte Chemie</i> , 2019, 131, 4228-4232.	1.6	16
144	Continuously Variable Regulation of the Speed of Bubble-Propelled Janus Microcapsule Motors Based on Salt-Responsive Polyelectrolyte Brushes. <i>Chemistry - an Asian Journal</i> , 2019, 14, 2450-2455.	1.7	16

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145	Magnetically-propelled hydrogel particle motors produced by ultrasound assisted hydrodynamic electrospray ionization jetting. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 175, 44-55.	2.5	16
146	Biointerfacing luminescent nanotubes. <i>Soft Matter</i> , 2009, 5, 300-303.	1.2	15
147	Poly(p-phenylenebenzobisoxazole) nanofiber layered composite films with high thermomechanical performance. <i>European Polymer Journal</i> , 2016, 84, 622-630.	2.6	15
148	The hierarchical structure and mechanical performance of a natural nanocomposite material: The turtle shell. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 520, 97-104.	2.3	15
149	Noncontinuous Superdiffusive Dynamics of a Light-Activated Nanobottle Motor. <i>Angewandte Chemie</i> , 2018, 130, 6954-6958.	1.6	15
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