

Liangfang Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

182
papers

28,921
citations

3930

88
h-index

5249

165
g-index

184
all docs

184
docs citations

184
times ranked

20293
citing authors

#	ARTICLE	IF	CITATIONS
1	White Blood Cell Membrane-Coated Nanoparticles: Recent Development and Medical Applications. <i>Advanced Healthcare Materials</i> , 2022, 11, e2101349.	3.9	55
2	Nanodelivery of STING agonists against cancer and infectious diseases. <i>Molecular Aspects of Medicine</i> , 2022, 83, 101007.	2.7	15
3	Virus-Mimicking Cell Membrane-Coated Nanoparticles for Cytosolic Delivery of mRNA. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	62
4	Biomembrane-Functionalized Micromotors: Biocompatible Active Devices for Diverse Biomedical Applications. <i>Advanced Materials</i> , 2022, 34, e2107177.	11.1	41
5	Cellular Nanosponges for Biological Neutralization. <i>Advanced Materials</i> , 2022, 34, e2107719.	11.1	39
6	Acute myeloid leukemia cell membrane-coated nanoparticles for cancer vaccination immunotherapy. <i>Leukemia</i> , 2022, 36, 994-1005.	3.3	33
7	Codelivery of Antigens and Adjuvant in Polymeric Nanoparticles Coated With Native Parasite Membranes Induces Protective Mucosal Immunity Against <i>Giardia lamblia</i> . <i>Journal of Infectious Diseases</i> , 2022, 226, 319-323.	1.9	8
8	Organotropic Targeting of Biomimetic Nanoparticles to Treat Lung Disease. <i>Bioconjugate Chemistry</i> , 2022, 33, 586-593.	1.8	7
9	Three-dimensional transistor arrays for intra- and inter-cellular recording. <i>Nature Nanotechnology</i> , 2022, 17, 292-300.	15.6	30
10	Membrane Cholesterol Depletion Enhances Enzymatic Activity of Cell-Membrane-Coated Metal-Organic Framework Nanoparticles. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	2
11	Bacterial membrane vesicles for vaccine applications. <i>Advanced Drug Delivery Reviews</i> , 2022, 185, 114294.	6.6	38
12	Membrane Cholesterol Depletion Enhances Enzymatic Activity of Cell-Membrane-Coated Metal-Organic Framework Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	15
13	Titelbild: Membrane Cholesterol Depletion Enhances Enzymatic Activity of Cell-Membrane-Coated Metal-Organic Framework Nanoparticles (<i>Angew. Chem.</i> 24/2022). <i>Angewandte Chemie</i> , 2022, 134, .	1.6	0
14	Engineered Biomimetic Platelet Membrane-Coated Nanoparticles Block <i>Staphylococcus aureus</i> Cytotoxicity and Protect Against Lethal Systemic Infection. <i>Engineering</i> , 2021, 7, 1149-1156.	3.2	19
15	Emerging Approaches to Functionalizing Cell Membrane-Coated Nanoparticles. <i>Biochemistry</i> , 2021, 60, 941-955.	1.2	96
16	Bacteria-Inspired Nanomedicine. <i>ACS Applied Bio Materials</i> , 2021, 4, 3830-3848.	2.3	37
17	Nanomaterials arising amid antibiotic resistance. <i>Nature Reviews Microbiology</i> , 2021, 19, 5-6.	13.6	102
18	Nanotechnology for virus treatment. <i>Nano Today</i> , 2021, 36, 101031.	6.2	58

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19	<scp>Cartilage-targeting ultrasmall lipid-polymer hybrid nanoparticles for the prevention of cartilage degradation. <i>Bioengineering and Translational Medicine</i> , 2021, 6, e10187.	3.9	22
20	CD4+ T cell-mimicking nanoparticles encapsulating DIABLO/SMAC mimetics broadly neutralize HIV-1 and selectively kill HIV-1-infected cells. <i>Theranostics</i> , 2021, 11, 9009-9021.	4.6	10
21	Intratumoral immunotherapy using platelet-cloaked nanoparticles enhances antitumor immunity in solid tumors. <i>Nature Communications</i> , 2021, 12, 1999.	5.8	140
22	Nanomaterial Biointerfacing via Mitochondrial Membrane Coating for Targeted Detoxification and Molecular Detection. <i>Nano Letters</i> , 2021, 21, 2603-2609.	4.5	37
23	Nanotoxoids: Biomimetic Nanoparticle Vaccines against Infections. <i>Advanced Therapeutics</i> , 2021, 4, 2100072.	1.6	10
24	Gold(I) Phosphine Derivatives with Improved Selectivity as Topically Active Drug Leads to Overcome 5-Nitroheterocyclic Drug Resistance in <i>Trichomonas vaginalis</i> . <i>Journal of Medicinal Chemistry</i> , 2021, 64, 6608-6620.	2.9	7
25	A Microstirring Pill Enhances Bioavailability of Orally Administered Drugs. <i>Advanced Science</i> , 2021, 8, 2100389.	5.6	23
26	Genetically engineered cell membrane-coated nanoparticles for targeted delivery of dexamethasone to inflamed lungs. <i>Science Advances</i> , 2021, 7, .	4.7	107
27	ACE2 Receptor-Modified Algae-Based Microrobot for Removal of SARS-CoV-2 in Wastewater. <i>Journal of the American Chemical Society</i> , 2021, 143, 12194-12201.	6.6	42
28	Lure-and-kill macrophage nanoparticles alleviate the severity of experimental acute pancreatitis. <i>Nature Communications</i> , 2021, 12, 4136.	5.8	32
29	Physical Disruption of Solid Tumors by Immunostimulatory Microrobots Enhances Antitumor Immunity. <i>Advanced Materials</i> , 2021, 33, e2103505.	11.1	38
30	Surface Glycan Modification of Cellular Nanosponges to Promote SARS-CoV-2 Inhibition. <i>Journal of the American Chemical Society</i> , 2021, 143, 17615-17621.	6.6	46
31	Nanoparticle approaches against SARS-CoV-2 infection. <i>Current Opinion in Solid State and Materials Science</i> , 2021, 25, 100964.	5.6	21
32	Engineering of stimuli-responsive self-assembled biomimetic nanoparticles. <i>Advanced Drug Delivery Reviews</i> , 2021, 179, 114006.	6.6	39
33	Cell membrane-coated nanoparticles and their biomedical applications. , 2021, , .		0
34	Biomimetic Nanotechnology toward Personalized Vaccines. <i>Advanced Materials</i> , 2020, 32, e1901255.	11.1	200
35	Biomimetic nanoparticle technology for cardiovascular disease detection and treatment. <i>Nanoscale Horizons</i> , 2020, 5, 25-42.	4.1	80
36	Zinc Microrocket Pills: Fabrication and Characterization toward Active Oral Delivery. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000900.	3.9	25

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37	Exploring Frontiers in Research and Teaching: NanoEngineering and Chemical Engineering at UC San Diego. ACS Nano, 2020, 14, 9203-9216.	7.3	2
38	Drug Targeting via Platelet Membrane-Coated Nanoparticles. Small Structures, 2020, 1, 2000018.	6.9	104
39	CD4 ⁺ T Cell-Mimicking Nanoparticles Broadly Neutralize HIV-1 and Suppress Viral Replication through Autophagy. MBio, 2020, 11, .	1.8	32
40	Natural display of nuclear-encoded RNA on the cell surface and its impact on cell interaction. Genome Biology, 2020, 21, 225.	3.8	27
41	Multicompartment Tubular Micromotors Toward Enhanced Localized Active Delivery. Advanced Materials, 2020, 32, e2000091.	11.1	80
42	Nanoparticle-hydrogel superstructures for biomedical applications. Journal of Controlled Release, 2020, 324, 505-521.	4.8	117
43	Enzyme-powered Janus platelet cell robots for active and targeted drug delivery. Science Robotics, 2020, 5, .	9.9	236
44	Engineered Cell Membrane-Coated Nanoparticles Directly Present Tumor Antigens to Promote Anticancer Immunity. Advanced Materials, 2020, 32, e2001808.	11.1	206
45	Cellular Nanosponges Inhibit SARS-CoV-2 Infectivity. Nano Letters, 2020, 20, 5570-5574.	4.5	262
46	A Biomimetic Nanoparticle to Lure and Kill Phospholipase A2. Angewandte Chemie - International Edition, 2020, 59, 10461-10465.	7.2	26
47	Targeted gene silencing in vivo by platelet membrane-coated metal-organic framework nanoparticles. Science Advances, 2020, 6, eaaz6108.	4.7	208
48	Multimodal Enzyme Delivery and Therapy Enabled by Cell Membrane-Coated Metal-Organic Framework Nanoparticles. Nano Letters, 2020, 20, 4051-4058.	4.5	89
49	A Biomimetic Nanoparticle to Lure and Kill Phospholipase A2. Angewandte Chemie, 2020, 132, 10547-10551.	1.6	6
50	Recent Progress in Capturing and Neutralizing Inflammatory Cytokines. CCS Chemistry, 2020, 2, 376-389.	4.6	16
51	Nanoparticle Delivery of Immunostimulatory Agents for Cancer Immunotherapy. Theranostics, 2019, 9, 7826-7848.	4.6	59
52	Composite Thermoresponsive Hydrogel with Auranofin-Loaded Nanoparticles for Topical Treatment of Vaginal Trichomonad Infection. Advanced Therapeutics, 2019, 2, 1900157.	1.6	19
53	A Nanomotor-Based Active Delivery System for Intracellular Oxygen Transport. ACS Nano, 2019, 13, 11996-12005.	7.3	81
54	Micromotors for Active Delivery of Minerals toward the Treatment of Iron Deficiency Anemia. Nano Letters, 2019, 19, 7816-7826.	4.5	54

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55	Cell-Membrane-Cloaked Oil Nanosponges Enable Dual-Modal Detoxification. ACS Nano, 2019, 13, 7209-7215.	7.3	69
56	Human Platelet Membrane Functionalized Microchips with Plasmonic Codes for Cancer Detection. Advanced Functional Materials, 2019, 29, 1902669.	7.8	25
57	Inhibition of Pathogen Adhesion by Bacterial Outer Membrane-Coated Nanoparticles. Angewandte Chemie - International Edition, 2019, 58, 11404-11408.	7.2	114
58	Inhibition of Pathogen Adhesion by Bacterial Outer Membrane-Coated Nanoparticles. Angewandte Chemie, 2019, 131, 11526-11530.	1.6	4
59	Multiantigenic Nanotoxoids for Antivirulence Vaccination against Antibiotic-Resistant Gram-Negative Bacteria. Nano Letters, 2019, 19, 4760-4769.	4.5	63
60	Selective cell death of latently HIV-infected CD4+ T cells mediated by autosis inducing nanopeptides. Cell Death and Disease, 2019, 10, 419.	2.7	36
61	Disarming Pore-Forming Toxins with Biomimetic Nanosponges in Intraocular Infections. MSphere, 2019, 4, .	1.3	29
62	A Macrophage-Magnesium Hybrid Biomotor: Fabrication and Characterization. Advanced Materials, 2019, 31, e1901828.	11.1	76
63	Ligand-Modified Cell Membrane Enables the Targeted Delivery of Drug Nanocrystals to Glioma. ACS Nano, 2019, 13, 5591-5601.	7.3	238
64	Biomembrane-Modified Field Effect Transistors for Sensitive and Quantitative Detection of Biological Toxins and Pathogens. ACS Nano, 2019, 13, 3714-3722.	7.3	197
65	Biomimetic Micromotor Enables Active Delivery of Antigens for Oral Vaccination. Nano Letters, 2019, 19, 1914-1921.	4.5	152
66	Erythrocyte-Coated Nanoparticles Block Cytotoxic Effects of Group B Streptococcus β -Hemolysin/Cytolysin. Frontiers in Pediatrics, 2019, 7, 410.	0.9	25
67	Group A Streptococcal S Protein Utilizes Red Blood Cells as Immune Camouflage and Is a Critical Determinant for Immune Evasion. Cell Reports, 2019, 29, 2979-2989.e15.	2.9	16
68	Engineering biological interactions on the nanoscale. Current Opinion in Biotechnology, 2019, 58, 1-8.	3.3	21
69	Biomimetic Nanoparticle Vaccines for Cancer Therapy. Advanced Biology, 2019, 3, e1800219.	3.0	84
70	Biomimetic Nanosponges Suppress In Vivo Lethality Induced by the Whole Secreted Proteins of Pathogenic Bacteria. Small, 2019, 15, e1804994.	5.2	53
71	Remote-Loaded Platelet Vesicles for Disease-Targeted Delivery of Therapeutics. Advanced Functional Materials, 2018, 28, 1801032.	7.8	64
72	Cell Membrane Coating Nanotechnology. Advanced Materials, 2018, 30, e1706759.	11.1	1,100

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73	Broad Spectrum Neutralization of Pore-Forming Toxins with Human Erythrocyte Membrane-Coated Nanosponges. <i>Advanced Healthcare Materials</i> , 2018, 7, e1701366.	3.9	87
74	Active Intracellular Delivery of a Cas9/sgRNA Complex Using Ultrasound-Propelled Nanomotors. <i>Angewandte Chemie</i> , 2018, 130, 2687-2691.	1.6	20
75	Biomimetic Nanosponges for Treating Antibody-Mediated Autoimmune Diseases. <i>Bioconjugate Chemistry</i> , 2018, 29, 870-877.	1.8	12
76	Micromotors Go In Vivo: From Test Tubes to Live Animals. <i>Advanced Functional Materials</i> , 2018, 28, 1705640.	7.8	106
77	Active Intracellular Delivery of a Cas9/sgRNA Complex Using Ultrasound-Propelled Nanomotors. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2657-2661.	7.2	187
78	Biomimetic Targeting of Nanoparticles to Immune Cell Subsets via Cognate Antigen Interactions. <i>Molecular Pharmaceutics</i> , 2018, 15, 3723-3728.	2.3	23
79	Nanoparticle-based local antimicrobial drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2018, 127, 46-57.	6.6	248
80	Targeting and isolation of cancer cells using micro/nanomotors. <i>Advanced Drug Delivery Reviews</i> , 2018, 125, 94-101.	6.6	125
81	Biomimetic Platelet-Camouflaged Nanorobots for Binding and Isolation of Biological Threats. <i>Advanced Materials</i> , 2018, 30, 1704800.	11.1	139
82	Toxoid Vaccination against Bacterial Infection Using Cell Membrane-Coated Nanoparticles. <i>Bioconjugate Chemistry</i> , 2018, 29, 604-612.	1.8	46
83	Nanoparticle Functionalization with Platelet Membrane Enables Multifaceted Biological Targeting and Detection of Atherosclerosis. <i>ACS Nano</i> , 2018, 12, 109-116.	7.3	222
84	Biomimetic Nanoemulsions for Oxygen Delivery In Vivo. <i>Advanced Materials</i> , 2018, 30, e1804693.	11.1	90
85	Cell-Mimicking Nanoparticles Can Neutralize HIV Infectivity. <i>Advanced Materials</i> , 2018, 30, e1802233.	11.1	149
86	Monitoring of the central blood pressure waveform via a conformal ultrasonic device. <i>Nature Biomedical Engineering</i> , 2018, 2, 687-695.	11.6	520
87	Neutrophil membrane-coated nanoparticles inhibit synovial inflammation and alleviate joint damage in inflammatory arthritis. <i>Nature Nanotechnology</i> , 2018, 13, 1182-1190.	15.6	600
88	Coating Nanoparticles with Gastric Epithelial Cell Membrane for Targeted Antibiotic Delivery against <i>Helicobacter pylori</i> Infection. <i>Advanced Therapeutics</i> , 2018, 1, 1800016.	1.6	110
89	Hybrid biomembrane-functionalized nanorobots for concurrent removal of pathogenic bacteria and toxins. <i>Science Robotics</i> , 2018, 3, .	9.9	190
90	Micromotor Pills as a Dynamic Oral Delivery Platform. <i>ACS Nano</i> , 2018, 12, 8397-8405.	7.3	104

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91	Cell-Like Micromotors. <i>Accounts of Chemical Research</i> , 2018, 51, 1901-1910.	7.6	128
92	Combatting Infections with Nanomedicine. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800392.	3.9	6
93	A Gold/Silver Hybrid Nanoparticle for Treatment and Photoacoustic Imaging of Bacterial Infection. <i>ACS Nano</i> , 2018, 12, 5615-5625.	7.3	221
94	Tissue repair and regeneration with endogenous stem cells. <i>Nature Reviews Materials</i> , 2018, 3, 174-193.	23.8	168
95	Chemotactic Guidance of Synthetic Organic/Inorganic Payloads Functionalized Sperm Micromotors. <i>Advanced Biology</i> , 2018, 2, 1700160.	3.0	98
96	Micromotors Spontaneously Neutralize Gastric Acid for pH-Responsive Payload Release. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2156-2161.	7.2	175
97	Micromotors Spontaneously Neutralize Gastric Acid for pH-Responsive Payload Release. <i>Angewandte Chemie</i> , 2017, 129, 2188-2193.	1.6	18
98	Erythrocyte membrane-coated nanogel for combinatorial antivirulence and responsive antimicrobial delivery against <i>Staphylococcus aureus</i> infection. <i>Journal of Controlled Release</i> , 2017, 263, 185-191.	4.8	136
99	Cell membrane-derived nanomaterials for biomedical applications. <i>Biomaterials</i> , 2017, 128, 69-83.	5.7	343
100	Micro/nanorobots for biomedicine: Delivery, surgery, sensing, and detoxification. <i>Science Robotics</i> , 2017, 2, .	9.9	1,018
101	Erythrocyte-Platelet Hybrid Membrane Coating for Enhanced Nanoparticle Functionalization. <i>Advanced Materials</i> , 2017, 29, 1606209.	11.1	507
102	Nanofibre optic force transducers with sub-piconewton resolution via near-field plasmon-dielectric interactions. <i>Nature Photonics</i> , 2017, 11, 352-355.	15.6	31
103	Nanomotor-Enabled pH-Responsive Intracellular Delivery of Caspase-3: Toward Rapid Cell Apoptosis. <i>ACS Nano</i> , 2017, 11, 5367-5374.	7.3	159
104	Ultrasound-propelled nanowire motors enhance asparaginase enzymatic activity against cancer cells. <i>Nanoscale</i> , 2017, 9, 18423-18429.	2.8	65
105	Nanoparticulate Delivery of Cancer Cell Membrane Elicits Multiantigenic Antitumor Immunity. <i>Advanced Materials</i> , 2017, 29, 1703969.	11.1	392
106	Remote Loading of Small-Molecule Therapeutics into Cholesterol-Enriched Cell Membrane-Derived Vesicles. <i>Angewandte Chemie</i> , 2017, 129, 14263-14267.	1.6	2
107	Macrophage-like nanoparticles concurrently absorbing endotoxins and proinflammatory cytokines for sepsis management. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 11488-11493.	3.3	364
108	A facile approach to functionalizing cell membrane-coated nanoparticles with neurotoxin-derived peptide for brain-targeted drug delivery. <i>Journal of Controlled Release</i> , 2017, 264, 102-111.	4.8	168

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109	Remote Loading of Small-Molecule Therapeutics into Cholesterol-Enriched Cell-Membrane-Derived Vesicles. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14075-14079.	7.2	86
110	Fabrication and characterization of a 3D bioprinted nanoparticle-hydrogel hybrid device for biomimetic detoxification. <i>Nanoscale</i> , 2017, 9, 14506-14511.	2.8	21
111	Biomimetic Virulomics for Capture and Identification of Cell-Type Specific Effector Proteins. <i>ACS Nano</i> , 2017, 11, 11831-11838.	7.3	27
112	Micromotor-enabled active drug delivery for in vivo treatment of stomach infection. <i>Nature Communications</i> , 2017, 8, 272.	5.8	424
113	Preparation of Particulate Polymeric Therapeutics for Medical Applications. <i>Small Methods</i> , 2017, 1, 1700147.	4.6	27
114	Self-Assembled Colloidal Gel Using Cell Membrane-Coated Nanosponges as Building Blocks. <i>ACS Nano</i> , 2017, 11, 11923-11930.	7.3	59
115	In Situ Capture of Bacterial Toxins for Antivirulence Vaccination. <i>Advanced Materials</i> , 2017, 29, 1701644.	11.1	94
116	Biointerfacing and Applications of Cell Membrane-Coated Nanoparticles. <i>Bioconjugate Chemistry</i> , 2017, 28, 23-32.	1.8	267
117	A Novel Biomimetic Nanosponge Protects the Retina from the <i>Enterococcus faecalis</i> Cytolysin. <i>MSphere</i> , 2017, 2, .	1.3	31
118	A Red Blood Cell Membrane-Camouflaged Nanoparticle Counteracts Streptolysin O-Mediated Virulence Phenotypes of Invasive Group A <i>Streptococcus</i> . <i>Frontiers in Pharmacology</i> , 2017, 8, 477.	1.6	57
119	Safe and Immunocompatible Nanocarriers Cloaked in RBC Membranes for Drug Delivery to Treat Solid Tumors. <i>Theranostics</i> , 2016, 6, 1004-1011.	4.6	185
120	DNA Nanotechnology for Precise Control over Drug Delivery and Gene Therapy. <i>Small</i> , 2016, 12, 1117-1132.	5.2	110
121	Ultra-small lipid-polymer hybrid nanoparticles for tumor-penetrating drug delivery. <i>Nanoscale</i> , 2016, 8, 14411-14419.	2.8	100
122	Coating nanofiber scaffolds with beta cell membrane to promote cell proliferation and function. <i>Nanoscale</i> , 2016, 8, 10364-10370.	2.8	63
123	Nanoparticle-Based Modulation of the Immune System. <i>Annual Review of Chemical and Biomolecular Engineering</i> , 2016, 7, 305-326.	3.3	75
124	Nanoparticles camouflaged in platelet membrane coating as an antibody decoy for the treatment of immune thrombocytopenia. <i>Biomaterials</i> , 2016, 111, 116-123.	5.7	151
125	Biomimetic strategies for targeted nanoparticle delivery. <i>Bioengineering and Translational Medicine</i> , 2016, 1, 30-46.	3.9	122
126	Enteric Micromotor Can Selectively Position and Spontaneously Propel in the Gastrointestinal Tract. <i>ACS Nano</i> , 2016, 10, 9536-9542.	7.3	211

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127	Nanoparticle-Based Antivirulence Vaccine for the Management of Methicillin-Resistant <i>Staphylococcus aureus</i> Skin Infection. <i>Advanced Functional Materials</i> , 2016, 26, 1628-1635.	7.8	91
128	Auranofin inactivates <i>Trichomonas vaginalis</i> thioredoxin reductase and is effective against trichomonads in vitro and in vivo. <i>International Journal of Antimicrobial Agents</i> , 2016, 48, 690-694.	1.1	32
129	A Bioadhesive Nanoparticle-Hydrogel Hybrid System for Localized Antimicrobial Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 18367-18374.	4.0	110
130	Nanoparticle-Hydrogel: A Hybrid Biomaterial System for Localized Drug Delivery. <i>Annals of Biomedical Engineering</i> , 2016, 44, 2049-2061.	1.3	183
131	Water-Powered Cell-Mimicking Janus Micromotor. <i>Advanced Functional Materials</i> , 2015, 25, 7497-7501.	7.8	147
132	Synthesis of Nanogels via Cell Membrane-Templated Polymerization. <i>Small</i> , 2015, 11, 4309-4313.	5.2	63
133	Nanoparticle-Based Manipulation of Antigen-Presenting Cells for Cancer Immunotherapy. <i>Small</i> , 2015, 11, 5483-5496.	5.2	103
134	Cell Membrane-Coated Nanoparticles As an Emerging Antibacterial Vaccine Platform. <i>Vaccines</i> , 2015, 3, 814-828.	2.1	52
135	Single Cell Real-Time miRNAs Sensing Based on Nanomotors. <i>ACS Nano</i> , 2015, 9, 6756-6764.	7.3	267
136	Detoxification of Organophosphate Poisoning Using Nanoparticle Bioscavengers. <i>ACS Nano</i> , 2015, 9, 6450-6458.	7.3	134
137	Cell-Membrane-Coated Synthetic Nanomotors for Effective Biodetoxification. <i>Advanced Functional Materials</i> , 2015, 25, 3881-3887.	7.8	212
138	Engineering red blood cell-membrane-coated nanoparticles for broad biomedical applications. <i>AIChE Journal</i> , 2015, 61, 738-746.	1.8	80
139	Enhanced anti-tumor immune responses and delay of tumor development in human epidermal growth factor receptor 2 mice immunized with an immunostimulatory peptide in poly(D,L-lactic-co-glycolic) acid nanoparticles. <i>Breast Cancer Research</i> , 2015, 17, 48.	2.2	17
140	HDL-Mimetic PLGA Nanoparticle To Target Atherosclerosis Plaque Macrophages. <i>Bioconjugate Chemistry</i> , 2015, 26, 443-451.	1.8	127
141	Modulating Antibacterial Immunity via Bacterial Membrane-Coated Nanoparticles. <i>Nano Letters</i> , 2015, 15, 1403-1409.	4.5	382
142	Artificial Micromotors in the Mouse's Stomach: A Step toward <i>in Vivo</i> Use of Synthetic Motors. <i>ACS Nano</i> , 2015, 9, 117-123.	7.3	435
143	RBC micromotors carrying multiple cargos towards potential theranostic applications. <i>Nanoscale</i> , 2015, 7, 13680-13686.	2.8	149
144	Hydrogel Retaining Toxin-Absorbing Nanosponges for Local Treatment of Methicillin-Resistant <i>Staphylococcus aureus</i> Infection. <i>Advanced Materials</i> , 2015, 27, 3437-3443.	11.1	114

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145	Engineered nanoparticles mimicking cell membranes for toxin neutralization. <i>Advanced Drug Delivery Reviews</i> , 2015, 90, 69-80.	6.6	109
146	Cell membrane-camouflaged nanoparticles for drug delivery. <i>Journal of Controlled Release</i> , 2015, 220, 600-607.	4.8	423
147	Coating nanoparticles with cell membranes for targeted drug delivery. <i>Journal of Drug Targeting</i> , 2015, 23, 619-626.	2.1	100
148	Current and forthcoming approaches for systemic detoxification. <i>Advanced Drug Delivery Reviews</i> , 2015, 90, 1-2.	6.6	13
149	Nanoparticle biointerfacing by platelet membrane cloaking. <i>Nature</i> , 2015, 526, 118-121.	13.7	1,270
150	Turning Erythrocytes into Functional Micromotors. <i>ACS Nano</i> , 2014, 8, 12041-12048.	7.3	247
151	In vivo treatment of <i>Helicobacter pylori</i> infection with liposomal linolenic acid reduces colonization and ameliorates inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 17600-17605.	3.3	98
152	Combinatorial Nanotherapeutics: Rewiring, Then Killing, Cancer Cells. <i>Science Signaling</i> , 2014, 7, pe13.	1.6	10
153	Hydrogel Containing Nanoparticle-Stabilized Liposomes for Topical Antimicrobial Delivery. <i>ACS Nano</i> , 2014, 8, 2900-2907.	7.3	186
154	Effect of drug release kinetics on nanoparticle therapeutic efficacy and toxicity. <i>Nanoscale</i> , 2014, 6, 2321-2327.	2.8	69
155	Polymeric nanotherapeutics: clinical development and advances in stealth functionalization strategies. <i>Nanoscale</i> , 2014, 6, 65-75.	2.8	167
156	Interfacial interactions between natural RBC membranes and synthetic polymeric nanoparticles. <i>Nanoscale</i> , 2014, 6, 2730-2737.	2.8	291
157	Nanotoxoid vaccines. <i>Nano Today</i> , 2014, 9, 401-404.	6.2	30
158	Cancer Cell Membrane-Coated Nanoparticles for Anticancer Vaccination and Drug Delivery. <i>Nano Letters</i> , 2014, 14, 2181-2188.	4.5	1,091
159	Clearance of pathological antibodies using biomimetic nanoparticles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 13481-13486.	3.3	231
160	Nanoparticle approaches against bacterial infections. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2014, 6, 532-547.	3.3	225
161	Nanoparticle-detained toxins for safe and effective vaccination. <i>Nature Nanotechnology</i> , 2013, 8, 933-938.	15.6	287
162	Lipid-insertion enables targeting functionalization of erythrocyte membrane-cloaked nanoparticles. <i>Nanoscale</i> , 2013, 5, 8884.	2.8	231

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163	â€œMarker-of-selfâ€™ functionalization of nanoscale particles through a top-down cellular membrane coating approach. <i>Nanoscale</i> , 2013, 5, 2664.	2.8	253
164	A biomimetic nanosponge that absorbs pore-forming toxins. <i>Nature Nanotechnology</i> , 2013, 8, 336-340.	15.6	608
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