

# Zhengwei Mao

## List of Publications by Year in descending order

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128  
papers

6,975  
citations

50566

48  
h-index

78623

77  
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131  
all docs

131  
docs citations

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times ranked

9666  
citing authors

#	ARTICLE	IF	CITATIONS
1	ROS-responsive 18 <sup>2</sup> -glycyrrhetic acid-conjugated polymeric nanoparticles mediate neuroprotection in ischemic stroke through HMGB1 inhibition and microglia polarization regulation. <i>Bioactive Materials</i> , 2023, 19, 38-49.	8.6	23
2	An NIR Discrete Metallacycle Constructed from Perylene Bisimide and Tetraphenylethylene Fluorophores for Imaging-Guided Cancer Radio-Chemotherapy. <i>Advanced Materials</i> , 2022, 34, e2106388.	11.1	79
3	Macrophage membrane-functionalized nanofibrous mats and their immunomodulatory effects on macrophage polarization. <i>Acta Biomaterialia</i> , 2022, 141, 24-38.	4.1	22
4	The Construction of Cucurbit[7]uril-Based Supramolecular Nanomedicine for Glioma Therapy. <i>Frontiers in Chemistry</i> , 2022, 10, 867815.	1.8	3
5	Sensitive Activatable Nanoprobes for Real-Time Ratiometric Magnetic Resonance Imaging of Reactive Oxygen Species and Ameliorating Inflammation In Vivo. <i>Advanced Materials</i> , 2022, 34, e2109004.	11.1	52
6	A Hybrid Supramolecular Polymeric Nanomedicine for Cascade-Amplified Synergetic Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	42
7	Dual functional electrospun nanofiber membrane with ROS scavenging and revascularization ability for diabetic wound healing. <i>Colloids and Interface Science Communications</i> , 2022, 48, 100620.	2.0	17
8	Supramolecular hydrogel-loaded Prussian blue nanoparticles with photothermal and ROS scavenging ability for tumor postoperative treatments. <i>Composites Part B: Engineering</i> , 2022, 237, 109872.	5.9	22
9	Thin film nanoarchitectonics of layer-by-layer assembly with reduced graphene oxide on intraocular lens for photothermal therapy of posterior capsular opacification. <i>Journal of Colloid and Interface Science</i> , 2022, 619, 348-358.	5.0	9
10	Proton-Driven Transformable <sup>1</sup> O <sub>2</sub> -Nanotrap for Dark and Hypoxia Tolerant Photodynamic Therapy. <i>Advanced Science</i> , 2022, 9, e2200128.	5.6	33
11	Implantable Thermal Therapeutic Device with Precise Temperature Control Enabled by Foldable Electronics and Heat-Insulating Pads. <i>Research</i> , 2022, 2022, .	2.8	1
12	Adaptable hydrogel with reversible linkages for regenerative medicine: Dynamic mechanical microenvironment for cells. <i>Bioactive Materials</i> , 2021, 6, 1375-1387.	8.6	90
13	A thermosensitive, reactive oxygen species-responsive, MR409-encapsulated hydrogel ameliorates disc degeneration in rats by inhibiting the secretory autophagy pathway. <i>Theranostics</i> , 2021, 11, 147-163.	4.6	30
14	Nanodefensin-encased hydrogel with dual bactericidal and pro-regenerative functions for advanced wound therapy. <i>Theranostics</i> , 2021, 11, 3642-3660.	4.6	17
15	Abnormal fast dehydration and rehydration of light- and thermo-dual-responsive copolymer films triggered by UV radiation. <i>Soft Matter</i> , 2021, 17, 2603-2613.	1.2	6
16	Sustained and targeted delivery of checkpoint inhibitors by metal-organic frameworks for cancer immunotherapy. <i>Science Advances</i> , 2021, 7, .	4.7	58
17	Infection microenvironment-responsive multifunctional peptide coated gold nanorods for bimodal antibacterial applications. <i>Colloids and Interface Science Communications</i> , 2021, 41, 100379.	2.0	9
18	Dimethyl Itaconate-Loaded Nanofibers Rewrite Macrophage Polarization, Reduce Inflammation, and Enhance Repair of Myocardial Infarction. <i>Small</i> , 2021, 17, e2006992.	5.2	33

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19	Self-crosslinked poly-L-lysine and poly-L-arginine networks: Synthesis, characterization, pH responsibility, biocompatibility, and AIE functionality. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50802.	1.3	4
20	A multifunctional hydrogel containing gold nanorods and methylene blue for synergistic cancer phototherapy. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 614, 126154.	2.3	20
21	Nanomaterials for cascade promoted catalytic cancer therapy. <i>View</i> , 2021, 2, 20200133.	2.7	42
22	Erythrocyte Membrane-Camouflaged PCN-224 Nanocarriers Integrated with Platinum Nanoparticles and Glucose Oxidase for Enhanced Tumor Sonodynamic Therapy and Synergistic Starvation Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 24532-24542.	4.0	64
23	Mesenchymal Stem Cells Engineered by Nonviral Vectors: A Powerful Tool in Cancer Gene Therapy. <i>Pharmaceutics</i> , 2021, 13, 913.	2.0	9
24	Conotoxin loaded dextran microgel particles alleviate effects of spinal cord injury by inhibiting neuronal excitotoxicity. <i>Applied Materials Today</i> , 2021, 23, 101064.	2.3	9
25	Plasmon-Driven Catalytic Chemotherapy Augments Cancer Immunotherapy through Induction of Immunogenic Cell Death and Blockage of IDO Pathway. <i>Advanced Materials</i> , 2021, 33, e2102188.	11.1	59
26	Construction of heparin-based hydrogel incorporated with Cu <sub>5.40</sub> ultrasmall nanozymes for wound healing and inflammation inhibition. <i>Bioactive Materials</i> , 2021, 6, 3109-3124.	8.6	106
27	3DICE coding matrix multidirectional macro-architecture modulates cell organization, shape, and co-cultures endothelialization network. <i>Biomaterials</i> , 2021, 277, 121112.	5.7	2
28	Cathepsin B-responsive multifunctional peptide conjugated gold nanorods for mitochondrial targeting and precise photothermal cancer therapy. <i>Journal of Colloid and Interface Science</i> , 2021, 601, 714-726.	5.0	24
29	A hydrogen evolution system based on hybrid nanogel films with capabilities of spontaneous moisture collection and high light harvesting. <i>Green Chemistry</i> , 2021, 23, 8969-8978.	4.6	13
30	A Mitochondria-targeted AIEgen Labelled with <sup>18</sup> F for Breast Cancer Cell Imaging and Therapy. <i>Chemistry - an Asian Journal</i> , 2021, 16, 3963-3969.	1.7	9
31	Cell-derived extracellular vesicles and membranes for tissue repair. <i>Journal of Nanobiotechnology</i> , 2021, 19, 368.	4.2	10
32	ROS-responsive polyurethane fibrous patches loaded with methylprednisolone (MP) for restoring structures and functions of infarcted myocardium in vivo. <i>Biomaterials</i> , 2020, 232, 119726.	5.7	87
33	A Metal-Polyphenol-Coordinated Nanomedicine for Synergistic Cascade Cancer Chemotherapy and Chemodynamic Therapy. <i>Advanced Materials</i> , 2020, 32, e1906024.	11.1	300
34	Enhancement of tumour penetration by nanomedicines through strategies based on transport processes and barriers. <i>Journal of Controlled Release</i> , 2020, 328, 28-44.	4.8	43
35	Integration of antimicrobial peptides and gold nanorods for bimodal antibacterial applications. <i>Biomaterials Science</i> , 2020, 8, 4447-4457.	2.6	26
36	Dual-Emissive Platinum(II) Metallacage with a Sensitive Oxygen Response for Imaging of Hypoxia and Imaging-Guided Chemotherapy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20208-20214.	7.2	85

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37	Dual-Emissive Platinum(II) Metallacage with a Sensitive Oxygen Response for Imaging of Hypoxia and Imaging-Guided Chemotherapy. <i>Angewandte Chemie</i> , 2020, 132, 20383-20389.	1.6	10
38	A Reactive Oxygen Species Scavenging and O <sub>2</sub> Generating Injectable Hydrogel for Myocardial Infarction Treatment In vivo. <i>Small</i> , 2020, 16, e2005038.	5.2	88
39	Targeted pathological collagen delivery of sustained-release rapamycin to prevent heterotopic ossification. <i>Science Advances</i> , 2020, 6, eaay9526.	4.7	55
40	Ultrasmall copper-based nanoparticles for reactive oxygen species scavenging and alleviation of inflammation related diseases. <i>Nature Communications</i> , 2020, 11, 2788.	5.8	406
41	Construction and characterization of magnetic cascade metal-organic framework/enzyme hybrid nanoreactors with enhanced effect on killing cancer cells. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 601, 124990.	2.3	11
42	A Nanomedicine Fabricated from Gold Nanoparticles-Decorated Metal-Organic Framework for Cascade Chemo/Chemodynamic Cancer Therapy. <i>Advanced Science</i> , 2020, 7, 2001060.	5.6	150
43	Tumor-Targeting Polycaprolactone Nanoparticles with Codelivery of Paclitaxel and IR780 for Combinational Therapy of Drug-Resistant Ovarian Cancer. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 2175-2185.	2.6	44
44	Cancer cell membrane-coated gold nanorods for photothermal therapy and radiotherapy on oral squamous cancer. <i>Journal of Materials Chemistry B</i> , 2020, 8, 7253-7263.	2.9	67
45	Finely tuned Prussian blue-based nanoparticles and their application in disease treatment. <i>Journal of Materials Chemistry B</i> , 2020, 8, 7121-7134.	2.9	22
46	Inflammation-targeting polymeric nanoparticles deliver sparfloxacin and tacrolimus for combating acute lung sepsis. <i>Journal of Controlled Release</i> , 2020, 321, 463-474.	4.8	77
47	Recent advances of designing dynamic surfaces to regulate cell adhesion. <i>Colloids and Interface Science Communications</i> , 2020, 35, 100249.	2.0	36
48	Surface-Anchored Graphene Oxide Nanosheets on Cell-Scale Micropatterned Poly( <i>ε</i> -caprolactone)-lactide-co-caprolactone) Conduits Promote Peripheral Nerve Regeneration. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 7915-7930.	4.0	63
49	Self-Assembly of Porphyrin-Containing Metalla-Assemblies and Cancer Photodynamic Therapy. <i>Inorganic Chemistry</i> , 2020, 59, 7380-7388.	1.9	48
50	Advanced Biomaterials and Processing Methods for Liver Regeneration: State-of-the-Art and Future Trends. <i>Advanced Healthcare Materials</i> , 2020, 9, e1901435.	3.9	36
51	The impact of size and surface ligand of gold nanorods on liver cancer accumulation and photothermal therapy in the second near-infrared window. <i>Journal of Colloid and Interface Science</i> , 2020, 565, 186-196.	5.0	47
52	Tumor microenvironment-responsive multifunctional peptide coated ultrasmall gold nanoparticles and their application in cancer radiotherapy. <i>Theranostics</i> , 2020, 10, 5195-5208.	4.6	75
53	Co-immobilization of CD133 antibodies, vascular endothelial growth factors, and REDV peptide promotes capture, proliferation, and differentiation of endothelial progenitor cells. <i>Acta Biomaterialia</i> , 2019, 96, 137-148.	4.1	40
54	Near-Infrared-Triggered Dynamic Surface Topography for Sequential Modulation of Macrophage Phenotypes. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 43689-43697.	4.0	45

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55	Combinatorial photochemotherapy on liver cancer stem cells with organoplatinum( $\text{Pt}(\text{P}(\text{C}_6\text{H}_4)_2)_2$ ) metallacage-based nanoparticles. <i>Journal of Materials Chemistry B</i> , 2019, 7, 6476-6487.	2.9	27
56	Impact of Antifouling PEG Layer on the Performance of Functional Peptides in Regulating Cell Behaviors. <i>Journal of the American Chemical Society</i> , 2019, 141, 16772-16780.	6.6	133
57	Supramolecular peptide constructed by molecular Lego allowing programmable self-assembly for photodynamic therapy. <i>Nature Communications</i> , 2019, 10, 2412.	5.8	147
58	Nanodiamonds of Different Surface Chemistry Influence the Toxicity and Differentiation of Rat Bone Mesenchymal Stem Cells In Vitro. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 5426-5434.	0.9	9
59	ROS-Responsive Nanoparticles for Suppressing the Cytotoxicity and Immunogenicity Caused by PM2.5 Particulates. <i>Biomacromolecules</i> , 2019, 20, 1777-1788.	2.6	24
60	Enzyme-responsive multifunctional peptide coating of gold nanorods improves tumor targeting and photothermal therapy efficacy. <i>Acta Biomaterialia</i> , 2019, 86, 363-372.	4.1	62
61	Untangling the response of bone tumor cells and bone forming cells to matrix stiffness and adhesion ligand density by means of hydrogels. <i>Biomaterials</i> , 2019, 188, 130-143.	5.7	64
62	Polyrotaxane-based supramolecular theranostics. <i>Nature Communications</i> , 2018, 9, 766.	5.8	191
63	A supramolecular hybrid material constructed from graphene oxide and a pillar[6]arene-based host-guest complex as an ultrasound and photoacoustic signal nanoamplifier. <i>Materials Horizons</i> , 2018, 5, 429-435.	6.4	59
64	Surface Modified with a Host Defense Peptide-Mimicking $\beta$ -Peptide Polymer Kills Bacteria on Contact with High Efficacy. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 15395-15400.	4.0	117
65	Near-infrared light triggered photothermal and photodynamic therapy with an oxygen-shuttle endoperoxide of anthracene against tumor hypoxia. <i>Polymer Chemistry</i> , 2018, 9, 2124-2133.	1.9	38
66	A density gradient of VAPG peptides on a cell-resisting surface achieves selective adhesion and directional migration of smooth muscle cells over fibroblasts. <i>Acta Biomaterialia</i> , 2018, 72, 70-81.	4.1	21
67	Near-infrared light triggered photothermal therapy and enhanced photodynamic therapy with a tumor-targeting hydrogen peroxide shuttle. <i>Journal of Materials Chemistry B</i> , 2018, 6, 3145-3155.	2.9	26
68	Artificial Molecular Machines in Nanotheranostics. <i>ACS Nano</i> , 2018, 12, 7-12.	7.3	73
69	Folic acid modified cell membrane capsules encapsulating doxorubicin and indocyanine green for highly effective combinational therapy in vivo. <i>Acta Biomaterialia</i> , 2018, 74, 374-384.	4.1	40
70	Stromal cell-derived factor-1 $\alpha$ -encapsulated albumin/heparin nanoparticles for induced stem cell migration and intervertebral disc regeneration in vivo. <i>Acta Biomaterialia</i> , 2018, 72, 217-227.	4.1	50
71	Realizing a Record Photothermal Conversion Efficiency of Spiky Gold Nanoparticles in the Second Near-Infrared Window by Structure-Based Rational Design. <i>Chemistry of Materials</i> , 2018, 30, 2709-2718.	3.2	85
72	A discrete organoplatinum(II) metallacage as a multimodality theranostic platform for cancer photochemotherapy. <i>Nature Communications</i> , 2018, 9, 4335.	5.8	197

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73	Recent review of the effect of nanomaterials on stem cells. RSC Advances, 2018, 8, 17656-17676.	1.7	37
74	Pillararene-based host-guest recognition facilitated magnetic separation and enrichment of cell membrane proteins. Materials Chemistry Frontiers, 2018, 2, 1475-1480.	3.2	27
75	Doxorubicin-conjugated pH-responsive gold nanorods for combined photothermal therapy and chemotherapy of cancer. Bioactive Materials, 2018, 3, 347-354.	8.6	66
76	Mediating the invasion of smooth muscle cells into a cell-responsive hydrogel under the existence of immune cells. Biomaterials, 2018, 180, 193-205.	5.7	44
77	Supramolecular Polymer-Based Nanomedicine: High Therapeutic Performance and Negligible Long-Term Immunotoxicity. Journal of the American Chemical Society, 2018, 140, 8005-8019.	6.6	227
78	Dual Responsive Surfaces Based on Host-Guest Interaction for Dynamic Mediation of Cell-Substrate Interaction and Cell Migration. Advanced Materials Interfaces, 2017, 4, 1500865.	1.9	18
79	Application of melatonin-loaded poly(N-isopropylacrylamide) hydrogel particles to reduce the toxicity of airborne pollutants to RAW264.7 cells. Journal of Colloid and Interface Science, 2017, 490, 181-189.	5.0	17
80	Antitumor Activity of a Unique Polymer That Incorporates a Fluorescent Self-Assembled Metallacycle. Journal of the American Chemical Society, 2017, 139, 15940-15949.	6.6	203
81	Pillar[5]arene-based chiral 3D polymer network for heterogeneous asymmetric catalysis. Polymer Chemistry, 2017, 8, 7108-7112.	1.9	38
82	Cellular uptake of poly(allylamine hydrochloride) microcapsules with different deformability and its influence on cell functions. Journal of Colloid and Interface Science, 2016, 465, 149-157.	5.0	17
83	Suppressing the cytotoxicity of CuO nanoparticles by uptake of curcumin/BSA particles. Nanoscale, 2016, 8, 9572-9582.	2.8	32
84	Genotoxicity of Copper Oxide Nanoparticles with Different Surface Chemistry on Rat Bone Marrow Mesenchymal Stem Cells. Journal of Nanoscience and Nanotechnology, 2016, 16, 5489-5497.	0.9	11
85	Encapsulation of a photosensitizer into cell membrane capsules for photodynamic therapy. RSC Advances, 2016, 6, 37212-37220.	1.7	20
86	Encapsulation of indocyanine green into cell membrane capsules for photothermal cancer therapy. Acta Biomaterialia, 2016, 43, 251-261.	4.1	49
87	Preparation of an Arg-Glu-Asp-Val Peptide Density Gradient on Hyaluronic Acid-Coated Poly(L-lactide) Film and Its Influence on the Selective Adhesion and Directional Migration of Endothelial Cells. ACS Applied Materials & Interfaces, 2016, 8, 29280-29288.	4.0	60
88	Gold nanoparticles coated with polysarcosine brushes to enhance their colloidal stability and circulation time in vivo. Journal of Colloid and Interface Science, 2016, 483, 201-210.	5.0	45
89	Fe <sub>3</sub> O <sub>4</sub> /BSA particles induce osteogenic differentiation of mesenchymal stem cells under static magnetic field. Acta Biomaterialia, 2016, 46, 141-150.	4.1	67
90	Fabrication of a Targeted Drug Delivery System from a Pillar[5]arene-Based Supramolecular Diblock Copolymeric Amphiphile for Effective Cancer Therapy. Advanced Functional Materials, 2016, 26, 8999-9008.	7.8	115

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91	Influence of titanium dioxide nanorods with different surface chemistry on the differentiation of rat bone marrow mesenchymal stem cells. <i>Journal of Materials Chemistry B</i> , 2016, 4, 6955-6966.	2.9	17
92	Citrate-capped iron oxide nanoparticles impair the osteogenic differentiation potential of rat mesenchymal stem cells. <i>Journal of Materials Chemistry B</i> , 2016, 4, 245-256.	2.9	26
93	Phosgene-free synthesis of non-ionic hydrophilic polyserine. <i>Polymer Chemistry</i> , 2016, 7, 519-522.	1.9	13
94	Uptake of cerium oxide nanoparticles and its influence on functions of mouse leukemic monocyte macrophages. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	0.8	8
95	Preparation of gelatin density gradient on poly( $\epsilon$ -caprolactone) membrane and its influence on adhesion and migration of endothelial cells. <i>Journal of Colloid and Interface Science</i> , 2015, 451, 177-183.	5.0	23
96	A complementary density gradient of zwitterionic polymer brushes and NCAM peptides for selectively controlling directional migration of Schwann cells. <i>Biomaterials</i> , 2015, 56, 58-67.	5.7	62
97	Influence of bovine serum albumin coated poly(lactic-co-glycolic acid) particles on differentiation of mesenchymal stem cells. <i>RSC Advances</i> , 2015, 5, 40924-40931.	1.7	28
98	Combinational effect of matrix elasticity and alendronate density on differentiation of rat mesenchymal stem cells. <i>Acta Biomaterialia</i> , 2015, 19, 76-84.	4.1	57
99	Adsorption of plasma proteins and fibronectin on poly(hydroxyethyl methacrylate) brushes of different thickness and their relationship with adhesion and migration of vascular smooth muscle cells. <i>International Journal of Energy Production and Management</i> , 2014, 1, 17-25.	1.9	27
100	Influence of surface coatings of poly( $\epsilon$ -caprolactone-co-glycolide) particles on HepG2 cell behavior and particle fate. <i>Biointerphases</i> , 2014, 9, 031015.	0.6	1
101	A density gradient of basic fibroblast growth factor guides directional migration of vascular smooth muscle cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 117, 290-295.	2.5	17
102	Polyelectrolyte Multilayer Patterns Created by Capillary Force and Their Impact on Cell Migration. <i>Chinese Journal of Chemistry</i> , 2014, 32, 66-72.	2.6	10
103	A quantitative study of the intracellular concentration of graphene/noble metal nanoparticle composites and their cytotoxicity. <i>Nanoscale</i> , 2014, 6, 8535-8542.	2.8	66
104	Preparation of TAT peptide-modified poly(N-isopropylacrylamide) microgel particles and their cellular uptake, intracellular distribution, and influence on cytotoxicity in response to temperature change. <i>Journal of Colloid and Interface Science</i> , 2014, 434, 122-129.	5.0	25
105	Fabrication of biconcave discoidal silica capsules and their uptake behavior by smooth muscle cells. <i>Journal of Colloid and Interface Science</i> , 2014, 426, 124-130.	5.0	7
106	Influence of structure and properties of colloidal biomaterials on cellular uptake and cell functions. <i>Biomaterials Science</i> , 2013, 1, 896.	2.6	67
107	Study of the Selective Uptake Progress of Aptamer-Modified PLGA Particles by Liver Cells. <i>Macromolecular Bioscience</i> , 2013, 13, 1413-1421.	2.1	19
108	Aminolysis-based surface modification of polyesters for biomedical applications. <i>RSC Advances</i> , 2013, 3, 2509-2519.	1.7	119



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109	Unidirectional migration of single smooth muscle cells under the synergetic effects of gradient swelling cue and parallel groove patterns. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 111, 1-6.	2.5	23
110	Control over the Gradient Differentiation of Rat BMSCs on a PCL Membrane with Surface-Immobilized Alendronate Gradient. <i>Biomacromolecules</i> , 2013, 14, 342-349.	2.6	43
111	Directional migration of vascular smooth muscle cells guided by synergetic surface gradient and chemical pattern of poly(ethylene glycol) brushes. <i>Journal of Bioactive and Compatible Polymers</i> , 2013, 28, 605-620.	0.8	12
112	Influence of Surface Coating of PLGA Particles on the Internalization and Functions of Human Endothelial Cells. <i>Biomacromolecules</i> , 2012, 13, 3272-3282.	2.6	53
113	Uptake of hydrogel particles with different stiffness and its influence on HepG2 cell functions. <i>Soft Matter</i> , 2012, 8, 9235.	1.2	104
114	In-depth study on aminolysis of poly( $\epsilon$ -caprolactone): Back to the fundamentals. <i>Science China Chemistry</i> , 2012, 55, 2419-2427.	4.2	40
115	Preparation and cellular uptake of PLGA particles loaded with lamivudine. <i>Science Bulletin</i> , 2012, 57, 3985-3993.	1.7	22
116	Polycaprolactone scaffold modified with galactosylated chitosan for hepatocyte culture. <i>Macromolecular Research</i> , 2012, 20, 283-291.	1.0	22
117	Cells as Factories for Humanized Encapsulation. <i>Nano Letters</i> , 2011, 11, 2152-2156.	4.5	64
118	Controlling the migration behaviors of vascular smooth muscle cells by methoxy poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	5.7	74
119	Tat peptide mediated cellular uptake of SiO <sub>2</sub> submicron particles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 75, 432-440.	2.5	31
120	Enhanced angiogenesis of porous collagen scaffolds by incorporation of TMC/DNA complexes encoding vascular endothelial growth factor. <i>Acta Biomaterialia</i> , 2009, 5, 2983-2994.	4.1	76
121	Colloidal particles for cellular uptake and delivery. <i>Journal of Materials Chemistry</i> , 2009, 19, 3108.	6.7	123
122	Chitosan nanoparticles for loading of toothpaste actives and adhesion on tooth analogs. <i>Journal of Applied Polymer Science</i> , 2007, 106, 4248-4256.	1.3	49
123	N,N,N-Trimethylchitosan Chloride as a Gene Vector: Synthesis and Application. <i>Macromolecular Bioscience</i> , 2007, 7, 855-863.	2.1	58
124	The influence of polycaprolactone coating on the internalization and cytotoxicity of gold nanoparticles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2007, 3, 215-223.	1.7	26
125	The gene transfection efficiency of thermoresponsive N,N,N-trimethyl chitosan chloride-g-poly(N-isopropylacrylamide) copolymer. <i>Biomaterials</i> , 2007, 28, 4488-4500.	5.7	107
126	Preformed microcapsules for loading and sustained release of ciprofloxacin hydrochloride. <i>Journal of Controlled Release</i> , 2005, 104, 193-202.	4.8	115



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127	Collagen/chitosan-silicone membrane bilayer scaffold as a dermal equivalent. <i>Polymers for Advanced Technologies</i> , 2005, 16, 789-794.	1.6	36
128	Bioactive Thin Film of Acidic Fibroblast Growth Factor Fabricated by Layer-by-Layer Assembly. <i>Bioconjugate Chemistry</i> , 2005, 16, 1316-1322.	1.8	69