

# Zhengwei Mao

## List of Publications by Year in descending order

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128  
papers

6,975  
citations

44069

48  
h-index

69250

77  
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131  
all docs

131  
docs citations

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times ranked

8693  
citing authors

#	ARTICLE	IF	CITATIONS
1	ROS-responsive 18 $\beta$ -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.	15.6	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.	21.0	79
3	Macrophage membrane-functionalized nanofibrous mats and their immunomodulatory effects on macrophage polarization. <i>Acta Biomaterialia</i> , 2022, 141, 24-38.	8.3	22
4	The Construction of Cucurbit[7]uril-Based Supramolecular Nanomedicine for Glioma Therapy. <i>Frontiers in Chemistry</i> , 2022, 10, 867815.	3.6	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.	21.0	52
6	A Hybrid Supramolecular Polymeric Nanomedicine for Cascade-Amplified Synergetic Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	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.	4.1	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.	12.0	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.	9.4	9
10	Proton-Driven Transformable $\text{O}_2$ -Nanotrap for Dark and Hypoxia Tolerant Photodynamic Therapy. <i>Advanced Science</i> , 2022, 9, e2200128.	11.2	33
11	Implantable Thermal Therapeutic Device with Precise Temperature Control Enabled by Foldable Electronics and Heat-Insulating Pads. <i>Research</i> , 2022, 2022, .	5.7	1
12	Adaptable hydrogel with reversible linkages for regenerative medicine: Dynamic mechanical microenvironment for cells. <i>Bioactive Materials</i> , 2021, 6, 1375-1387.	15.6	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.	10.0	30
14	Nanodefensin-encased hydrogel with dual bactericidal and pro-regenerative functions for advanced wound therapy. <i>Theranostics</i> , 2021, 11, 3642-3660.	10.0	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.	2.7	6
16	Sustained and targeted delivery of checkpoint inhibitors by metal-organic frameworks for cancer immunotherapy. <i>Science Advances</i> , 2021, 7, .	10.3	58
17	Infection microenvironment-responsive multifunctional peptide coated gold nanorods for bimodal antibacterial applications. <i>Colloids and Interface Science Communications</i> , 2021, 41, 100379.	4.1	9
18	Dimethyl Itaconate-Loaded Nanofibers Rewrite Macrophage Polarization, Reduce Inflammation, and Enhance Repair of Myocardial Infarction. <i>Small</i> , 2021, 17, e2006992.	10.0	33

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19	Self-crosslinked poly-L-lysine and poly-L-arginine networks: Synthesis, characterization, pH-responsibility, biocompatibility, and AIE functionality. Journal of Applied Polymer Science, 2021, 138, 50802.	2.6	4
20	A multifunctional hydrogel containing gold nanorods and methylene blue for synergistic cancer phototherapy. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 614, 126154.	4.7	20
21	Nanomaterials for cascade promoted catalytic cancer therapy. View, 2021, 2, 20200133.	5.3	42
22	Erythrocyte Membrane-Camouflaged PCN-224 Nanocarriers Integrated with Platinum Nanoparticles and Glucose Oxidase for Enhanced Tumor Sonodynamic Therapy and Synergistic Starvation Therapy. ACS Applied Materials & Interfaces, 2021, 13, 24532-24542.	8.0	64
23	Mesenchymal Stem Cells Engineered by Nonviral Vectors: A Powerful Tool in Cancer Gene Therapy. Pharmaceutics, 2021, 13, 913.	4.5	9
24	Conotoxin loaded dextran microgel particles alleviate effects of spinal cord injury by inhibiting neuronal excitotoxicity. Applied Materials Today, 2021, 23, 101064.	4.3	9
25	Plasmon-Driven Catalytic Chemotherapy Augments Cancer Immunotherapy through Induction of Immunogenic Cell Death and Blockage of IDO Pathway. Advanced Materials, 2021, 33, e2102188.	21.0	59
26	Construction of heparin-based hydrogel incorporated with Cu5.4O ultrasmall nanozymes for wound healing and inflammation inhibition. Bioactive Materials, 2021, 6, 3109-3124.	15.6	106
27	3DICE coding matrix multidirectional macro-architecture modulates cell organization, shape, and co-cultures endothelialization network. Biomaterials, 2021, 277, 121112.	11.4	2
28	Cathepsin B-responsive multifunctional peptide conjugated gold nanorods for mitochondrial targeting and precise photothermal cancer therapy. Journal of Colloid and Interface Science, 2021, 601, 714-726.	9.4	24
29	A hydrogen evolution system based on hybrid nanogel films with capabilities of spontaneous moisture collection and high light harvesting. Green Chemistry, 2021, 23, 8969-8978.	9.0	13
30	A Mitochondria-Targeted AIEgen Labelled with <sup>18</sup> F for Breast Cancer Cell Imaging and Therapy. Chemistry - an Asian Journal, 2021, 16, 3963-3969.	3.3	9
31	Cell-derived extracellular vesicles and membranes for tissue repair. Journal of Nanobiotechnology, 2021, 19, 368.	9.1	10
32	ROS-responsive polyurethane fibrous patches loaded with methylprednisolone (MP) for restoring structures and functions of infarcted myocardium in vivo. Biomaterials, 2020, 232, 119726.	11.4	87
33	A Metal-Polyphenol-Coordinated Nanomedicine for Synergistic Cascade Cancer Chemotherapy and Chemodynamic Therapy. Advanced Materials, 2020, 32, e1906024.	21.0	300
34	Enhancement of tumour penetration by nanomedicines through strategies based on transport processes and barriers. Journal of Controlled Release, 2020, 328, 28-44.	9.9	43
35	Integration of antimicrobial peptides and gold nanorods for bimodal antibacterial applications. Biomaterials Science, 2020, 8, 4447-4457.	5.4	26
36	Dual-Emissive Platinum(II) Metallacage with a Sensitive Oxygen Response for Imaging of Hypoxia and Imaging-Guided Chemotherapy. Angewandte Chemie - International Edition, 2020, 59, 20208-20214.	13.8	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.	2.0	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.	10.0	88
39	Targeted pathological collagen delivery of sustained-release rapamycin to prevent heterotopic ossification. <i>Science Advances</i> , 2020, 6, eaay9526.	10.3	55
40	Ultrasmall copper-based nanoparticles for reactive oxygen species scavenging and alleviation of inflammation related diseases. <i>Nature Communications</i> , 2020, 11, 2788.	12.8	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.	4.7	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.	11.2	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.	5.2	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.	5.8	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.	5.8	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.	9.9	77
47	Recent advances of designing dynamic surfaces to regulate cell adhesion. <i>Colloids and Interface Science Communications</i> , 2020, 35, 100249.	4.1	36
48	Surface-Anchored Graphene Oxide Nanosheets on Cell-Scale Micropatterned Poly( $\epsilon$ -CL, $\epsilon$ -Lactide-co- $\epsilon$ -caprolactone) Conduits Promote Peripheral Nerve Regeneration. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 7915-7930.	8.0	63
49	Self-Assembly of Porphyrin-Containing Metalla-Assemblies and Cancer Photodynamic Therapy. <i>Inorganic Chemistry</i> , 2020, 59, 7380-7388.	4.0	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.	7.6	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.	9.4	47
52	Tumor microenvironment-responsive multifunctional peptide coated ultrasmall gold nanoparticles and their application in cancer radiotherapy. <i>Theranostics</i> , 2020, 10, 5195-5208.	10.0	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.	8.3	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.	8.0	45

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55	Combinatorial photochemotherapy on liver cancer stem cells with organoplatinum( $\text{Pt}^{\text{II}}$ ) metallacage-based nanoparticles. <i>Journal of Materials Chemistry B</i> , 2019, 7, 6476-6487.	5.8	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.	13.7	133
57	Supramolecular peptide constructed by molecular Lego allowing programmable self-assembly for photodynamic therapy. <i>Nature Communications</i> , 2019, 10, 2412.	12.8	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.	5.4	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.	8.3	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.	11.4	64
62	Polyrotaxane-based supramolecular theranostics. <i>Nature Communications</i> , 2018, 9, 766.	12.8	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.	12.2	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.	8.0	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.	3.9	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.	8.3	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.	5.8	26
68	Artificial Molecular Machines in Nanotheranostics. <i>ACS Nano</i> , 2018, 12, 7-12.	14.6	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.	8.3	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.	8.3	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.	6.7	85
72	A discrete organoplatinum(II) metallacage as a multimodality theranostic platform for cancer photochemotherapy. <i>Nature Communications</i> , 2018, 9, 4335.	12.8	197

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73	Recent review of the effect of nanomaterials on stem cells. RSC Advances, 2018, 8, 17656-17676.	3.6	37
74	Pillararene-based host-guest recognition facilitated magnetic separation and enrichment of cell membrane proteins. Materials Chemistry Frontiers, 2018, 2, 1475-1480.	5.9	27
75	Doxorubicin-conjugated pH-responsive gold nanorods for combined photothermal therapy and chemotherapy of cancer. Bioactive Materials, 2018, 3, 347-354.	15.6	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.	11.4	44
77	Supramolecular Polymer-Based Nanomedicine: High Therapeutic Performance and Negligible Long-Term Immunotoxicity. Journal of the American Chemical Society, 2018, 140, 8005-8019.	13.7	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.	3.7	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.	9.4	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.	13.7	203
81	Pillar[5]arene-based chiral 3D polymer network for heterogeneous asymmetric catalysis. Polymer Chemistry, 2017, 8, 7108-7112.	3.9	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.	9.4	17
83	Suppressing the cytotoxicity of CuO nanoparticles by uptake of curcumin/BSA particles. Nanoscale, 2016, 8, 9572-9582.	5.6	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.	3.6	20
86	Encapsulation of indocyanine green into cell membrane capsules for photothermal cancer therapy. Acta Biomaterialia, 2016, 43, 251-261.	8.3	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.	8.0	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.	9.4	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.	8.3	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.	14.9	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.	5.8	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.	5.8	26
93	Phosgene-free synthesis of non-ionic hydrophilic polyserine. <i>Polymer Chemistry</i> , 2016, 7, 519-522.	3.9	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.	1.9	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.	9.4	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.	11.4	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.	3.6	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.	8.3	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.	3.7	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.	1.6	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.	5.0	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.	4.9	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.	5.6	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.	9.4	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.	9.4	7
106	Influence of structure and properties of colloidal biomaterials on cellular uptake and cell functions. <i>Biomaterials Science</i> , 2013, 1, 896.	5.4	67
107	Study of the Selective Uptake Progress of Aptamer-Modified PLGA Particles by Liver Cells. <i>Macromolecular Bioscience</i> , 2013, 13, 1413-1421.	4.1	19
108	Aminolysis-based surface modification of polyesters for biomedical applications. <i>RSC Advances</i> , 2013, 3, 2509-2519.	3.6	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.	5.0	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.	5.4	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.	2.1	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.	5.4	53
113	Uptake of hydrogel particles with different stiffness and its influence on HepG2 cell functions. <i>Soft Matter</i> , 2012, 8, 9235.	2.7	104
114	In-depth study on aminolysis of poly( $\epsilon$ -caprolactone): Back to the fundamentals. <i>Science China Chemistry</i> , 2012, 55, 2419-2427.	8.2	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.	2.4	22
117	Cells as Factories for Humanized Encapsulation. <i>Nano Letters</i> , 2011, 11, 2152-2156.	9.1	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	11.4	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.	5.0	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.	8.3	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.	2.6	49
123	N,N,N-Trimethylchitosan Chloride as a Gene Vector: Synthesis and Application. <i>Macromolecular Bioscience</i> , 2007, 7, 855-863.	4.1	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.	3.3	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.	11.4	107
126	Preformed microcapsules for loading and sustained release of ciprofloxacin hydrochloride. <i>Journal of Controlled Release</i> , 2005, 104, 193-202.	9.9	115



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127	Collagen/chitosan-silicone membrane bilayer scaffold as a dermal equivalent. Polymers for Advanced Technologies, 2005, 16, 789-794.	3.2	36
128	Bioactive Thin Film of Acidic Fibroblast Growth Factor Fabricated by Layer-by-Layer Assembly. Bioconjugate Chemistry, 2005, 16, 1316-1322.	3.6	69