Zhiyong Qian

List of Publications by Year
in descending order

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188	11,475	23500 58	35952 97
papers	citations	h-index	g-index

196	196	196	15046
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A vaccine targeting the RBD of the S protein of SARS-CoV-2 induces protective immunity. Nature, 2020, 586, 572-577.	13.7	630
2	A biodegradable hydrogel system containing curcumin encapsulated in micelles for cutaneous wound healing. Biomaterials, 2013, 34, 6377-6387.	5.7	451
3	Biodegradable poly(É›-caprolactone)â€“poly(ethylene glycol) copolymers as drug delivery system. International Journal of Pharmaceutics, 2009, 381, 1-18.	2.6	322
4	Synthesis and characterization of PEG-PCL-PEG thermosensitive hydrogel. International Journal of Pharmaceutics, 2009, 365, 89-99.	2.6	319
5	Photosensitizer Micelles Together with IDO Inhibitor Enhance Cancer Photothermal Therapy and Immunotherapy. Advanced Science, 2018, 5, 1700891.	5.6	259
6	Injectable and thermo-sensitive PEG-PCL-PEG copolymer/collagen/n-HA hydrogel composite for guided bone regeneration. Biomaterials, 2012, 33, 4801-4809.	5.7	232
7	Cationic nanocarriers induce cell necrosis through impairment of Na+/K+-ATPase and cause subsequent inflammatory response. Cell Research, 2015, 25, 237-253.	5.7	218
8	Mild photothermal therapy/photodynamic therapy/chemotherapy of breast cancer by Lyp-1 modified Docetaxel/IR820 Co-loaded micelles. Biomaterials, 2016, 106, 119-133.	5.7	209
9	Noninvasive in vivo 3D bioprinting. Science Advances, 2020, 6, eaba7406.	4.7	186
10	Oxygen-generating Hybrid Polymeric Nanoparticles with Encapsulated Doxorubicin and Chlorin e6 for Trimodal Imaging-Guided Combined Chemo-Photodynamic Therapy. Theranostics, 2018, 8, 1558-1574.	4.6	175
11	Combined Cancer Photothermal-Chemotherapy Based on Doxorubicin/Gold Nanorod-Loaded Polymersomes. Theranostics, 2015, 5, 345-356.	4.6	172
12	Microneedles-Based Transdermal Drug Delivery Systems: A Review. Journal of Biomedical Nanotechnology, 2017, 13, 1581-1597.	0.5	169
13	NIRâ€Responsive Onâ€Demand Release of CO from Metal Carbonylâ€Caged Graphene Oxide Nanomedicine. Advanced Materials, 2015, 27, 6741-6746.	11.1	168
14	Aggregable Nanoparticles-Enabled Chemotherapy and Autophagy Inhibition Combined with Anti-PD-L1 Antibody for Improved Glioma Treatment. Nano Letters, 2019, 19, 8318-8332.	4.5	142
15	Thermoreversible gelâ€“sol behavior of biodegradable PCL-PEG-PCL triblock copolymer in aqueous solutions. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2008, 84B, 165-175.	1.6	138
16	Polymeric Nanoparticles with ROSâ€Responsive Prodrug and Platinum Nanozyme for Enhanced Chemophotodynamic Therapy of Colon Cancer. Advanced Science, 2020, 7, 2001853.	5.6	138
17	PEGâ€“PCL based micelle hydrogels as oral docetaxel delivery systems for breast cancer therapy. Biomaterials, 2014, 35, 6972-6985.	5.7	134
18	Biodegradable CSMA/PECA/Graphene Porous Hybrid Scaffold for Cartilage Tissue Engineering. Scientific Reports, 2015, 5, 9879.	1.6	133

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19	Redox/pH dual-stimuli responsive camptothecin prodrug nanogels for â€œon-demandâ€•drug delivery. Journal of Controlled Release, 2019, 296, 93-106.	4.8	128
20	Perfluorocarbonâ€Loaded and Redoxâ€Activatable Photosensitizing Agent with Oxygen Supply for Enhancement of Fluorescence/Photoacoustic Imaging Guided Tumor Photodynamic Therapy. Advanced Functional Materials, 2019, 29, 1806199.	7.8	127
21	Multifunctional Nanoparticle Loaded Injectable Thermoresponsive Hydrogel as NIR Controlled Release Platform for Local Photothermal Immunotherapy to Prevent Breast Cancer Postoperative Recurrence and Metastases. Advanced Functional Materials, 2020, 30, 2001059.	7.8	126
22	Review of a new bone tumor therapy strategy based on bifunctional biomaterials. Bone Research, 2021, 9, 18.	5.4	125
23	MRI-guided and ultrasound-triggered release of NO by advanced nanomedicine. Nanoscale, 2017, 9, 3637-3645.	2.8	124
24	Near-infrared responsive 5-fluorouracil and indocyanine green loaded MPEG-PCL nanoparticle integrated with dissolvable microneedle for skin cancer therapy. Bioactive Materials, 2020, 5, 542-552.	8.6	118
25	Development of individualized anti-metastasis strategies by engineering nanomedicines. Chemical Society Reviews, 2015, 44, 6258-6286.	18.7	115
26	Recent progress in targeted delivery vectors based on biomimetic nanoparticles. Signal Transduction and Targeted Therapy, 2021, 6, 225.	7.1	115
27	A biodegradable thermo-responsive hybrid hydrogel: therapeutic applications in preventing the post-operative recurrence of breast cancer. NPG Asia Materials, 2015, 7, e207-e207.	3.8	113
28	Tumor Microenvironment Responsive Drugâ€Dyeâ€Peptide Nanoassembly for Enhanced Tumorâ€Targeting, Penetration, and Photoâ€Chemoâ€Immunotherapy. Advanced Functional Materials, 2019, 29, 1900004.	7.8	112
29	Intratumoral H₂O₂-triggered release of CO from a metal carbonyl-based nanomedicine for efficient CO therapy. Chemical Communications, 2017, 53, 5557-5560.	2.2	110
30	Controlled release of cisplatin from pH-thermal dual responsive nanogels. Biomaterials, 2013, 34, 8726-8740.	5.7	109
31	Gold nanorods together with HSP inhibitor-VER-155008 micelles for colon cancer mild-temperature photothermal therapy. Acta Pharmaceutica Sinica B, 2018, 8, 587-601.	5.7	109
32	Poly(É›-caprolactone)â€“poly(ethylene glycol)â€“poly(É›-caprolactone) (PCLâ€“PEGâ€“PCL) nanoparticles for honokiol delivery in vitro. International Journal of Pharmaceutics, 2009, 375, 170-176.	2.6	108
33	Porous Au@Pt Nanoparticles: Therapeutic Platform for Tumor Chemo-Photothermal Co-Therapy and Alleviating Doxorubicin-Induced Oxidative Damage. ACS Applied Materials & Interfaces, 2018, 10, 150-164.	4.0	106
34	Erythrocyte-Membrane-Coated Prussian Blue/Manganese Dioxide Nanoparticles as H₂O₂-Responsive Oxygen Generators To Enhance Cancer Chemotherapy/Photothermal Therapy. ACS Applied Materials & Interfaces, 2017, 9, 44410-44422.	4.0	105
35	Mesoporous Magnetic Gold â€œNanoclustersâ€•as Theranostic Carrier for Chemo-Photothermal Co-therapy of Breast Cancer. Theranostics, 2014, 4, 678-692.	4.6	103
36	Novel Approach of Using Near-Infrared Responsive PEGylated Gold Nanorod Coated Poly(<scp>l</scp>-lactide) Microneedles to Enhance the Antitumor Efficiency of Docetaxel-Loaded MPEG-PDLLA Micelles for Treating an A431 Tumor. ACS Applied Materials & Interfaces, 2017, 9, 15317-15327.	4.0	100

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37	Engineering Nanoparticles for Targeted Delivery of Nucleic Acid Therapeutics in Tumor. Molecular Therapy - Methods and Clinical Development, 2019, 12, 1-18.	1.8	100
38	Gold nanorods and nanohydroxyapatite hybrid hydrogel for preventing bone tumor recurrence via postoperative photothermal therapy and bone regeneration promotion. Bioactive Materials, 2021, 6, 2221-2230.	8.6	100
39	Fluorescence imaging guided CpG nanoparticles-loaded IR820-hydrogel for synergistic photothermal immunotherapy. Biomaterials, 2019, 209, 111-125.	5.7	99
40	ROSâ€Responsive Camptothecin Prodrug Nanoparticles for Onâ€Demand Drug Release and Combination of Chemotherapy and Photodynamic Therapy. Advanced Functional Materials, 2020, 30, 2005918.	7.8	99
41	â€œOne-for-Allâ€•Type, Biodegradable Prussian Blue/Manganese Dioxide Hybrid Nanocrystal for Trimodal Imaging-Guided Photothermal Therapy and Oxygen Regulation of Breast Cancer. ACS Applied Materials & Interfaces, 2017, 9, 13875-13886.	4.0	91
42	Polysaccharide hydrogels: Functionalization, construction and served as scaffold for tissue engineering. Carbohydrate Polymers, 2022, 278, 118952.	5.1	91
43	The use of cationic MPEG-PCL-g-PEI micelles for co-delivery ofÂMsurvivin T34A gene and doxorubicin. Biomaterials, 2014, 35, 4536-4547.	5.7	87
44	An injectable photopolymerized hydrogel with antimicrobial and biocompatible properties for infected skin regeneration. NPG Asia Materials, 2020, 12, .	3.8	83
45	Rationally designed peptide-conjugated gold/platinum nanosystem with active tumor-targeting for enhancing tumor photothermal-immunotherapy. Journal of Controlled Release, 2019, 308, 29-43.	4.8	82
46	Polymer hybrid magnetic nanocapsules encapsulating IR820 and PTX for external magnetic field-guided tumor targeting and multifunctional theranostics. Nanoscale, 2017, 9, 2479-2491.	2.8	80
47	Injectable Biodegradable Thermosensitive Hydrogel Composite for Orthopedic Tissue Engineering. 1. Preparation and Characterization of Nanohydroxyapatite/Poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 342 Td (glycol) Chemistry B, 2009, 113, 16518-16525.	1.2	79
48	Efficient Inhibition of C-26 Colon Carcinoma by VSVMP Gene Delivered by Biodegradable Cationic Nanogel Derived from Polyethyleneimine. ACS Nano, 2010, 4, 5573-5584.	7.3	79
49	Intratumoral fate of functional nanoparticles in response to microenvironment factor: Implications on cancer diagnosis and therapy. Advanced Drug Delivery Reviews, 2019, 143, 37-67.	6.6	79
50	Improving anti-tumor activity with polymeric micelles entrapping paclitaxel in pulmonary carcinoma. Nanoscale, 2012, 4, 6004.	2.8	77
51	Injectable Alginate Hydrogel Cross-Linked by Calcium Gluconate-Loaded Porous Microspheres for Cartilage Tissue Engineering. ACS Omega, 2017, 2, 443-454.	1.6	77
52	Therapeutic application of injectable thermosensitive hydrogel in preventing local breast cancer recurrence and improving incision wound healing in a mouse model. Nanoscale, 2012, 4, 5686.	2.8	73
53	Graphene-Nanoparticle-Based Self-Healing Hydrogel in Preventing Postoperative Recurrence of Breast Cancer. ACS Biomaterials Science and Engineering, 2019, 5, 768-779.	2.6	73
54	Sustained co-delivery of gemcitabine and cis-platinum via biodegradable thermo-sensitive hydrogel for synergistic combination therapy of pancreatic cancer. Nano Research, 2019, 12, 1389-1399.	5.8	69

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55	Ultrasmall CuS@BSA nanoparticles with mild photothermal conversion synergistically induce MSCs-differentiated fibroblast and improve skin regeneration. Theranostics, 2020, 10, 1500-1513.	4.6	68
56	Injectable and Thermosensitive Hydrogel and PDLLA Electrospun Nanofiber Membrane Composites for Guided Spinal Fusion. ACS Applied Materials & Interfaces, 2018, 10, 4462-4470.	4.0	65
57	Real-Time Fluorescence Tracking of Protoporphyrin Incorporated Thermosensitive Hydrogel and Its Drug Release in Vivo. ACS Applied Materials & Interfaces, 2016, 8, 5104-5113.	4.0	64
58	Injectable Thermosensitive Hydrogel Containing Erlotinibâ€Loaded Hollow Mesoporous Silica Nanoparticles as a Localized Drug Delivery System for NSCLC Therapy. Advanced Science, 2020, 7, 2001442.	5.6	64
59	Long-Acting Release Formulation of Exendin-4 Based on Biomimetic Mineralization for Type 2 Diabetes Therapy. ACS Nano, 2017, 11, 5062-5069.	7.3	60
60	Redox-Âactivatable photothermal therapy and enzyme-mediated tumor starvation for synergistic cancer therapy. Nano Today, 2021, 39, 101174.	6.2	59
61	Label-free alpha fetoprotein immunosensor established by the facile synthesis of a palladiumâ€“graphene nanocomposite. Biosensors and Bioelectronics, 2014, 61, 245-250.	5.3	57
62	Synthesis and characterization of novel dual-responsive nanogels and their application as drug delivery systems. Nanoscale, 2012, 4, 2694.	2.8	56
63	Improving the anti-ovarian cancer activity of docetaxel with biodegradable self-assembly micelles through various evaluations. Biomaterials, 2015, 53, 646-658.	5.7	55
64	A Novel MPEG-PDLLA-PLL Copolymer for Docetaxel Delivery in Breast Cancer Therapy. Theranostics, 2017, 7, 2652-2672.	4.6	55
65	A Visible Codelivery Nanovaccine of Antigen and Adjuvant with Self-Carrier for Cancer Immunotherapy. ACS Applied Materials & Interfaces, 2019, 11, 4876-4888.	4.0	55
66	Preparation and therapeutic application of docetaxel-loaded poly(<scp>d,l</scp>-lactide) nanofibers in preventing breast cancer recurrence. Drug Delivery, 2016, 23, 2677-2685.	2.5	53
67	Chlorin e6 and CRISPR-Cas9 dual-loading system with deep penetration for a synergistic tumoral photodynamic-immunotherapy. Biomaterials, 2020, 255, 120194.	5.7	53
68	Ag2S nanoparticle-mediated multiple ablations reinvigorates the immune response for enhanced cancer photo-immunotherapy. Biomaterials, 2021, 264, 120451.	5.7	53
69	Bioorthogonal Reaction-Mediated ELISA Using Peroxide Test Strip as Signal Readout for Point-of-Care Testing. Analytical Chemistry, 2017, 89, 6113-6119.	3.2	51
70	Application of nanotechnology for enhancing photodynamic therapy via ameliorating, neglecting, or exploiting tumor hypoxia. View, 2020, 1, e6.	2.7	51
71	Curcumin-Microsphere/IR820 Hybrid Bifunctional Hydrogels for In Situ Osteosarcoma Chemo-co-Thermal Therapy and Bone Reconstruction. ACS Applied Materials & Interfaces, 2021, 13, 31542-31553.	4.0	50
72	Enhanced 4T1 Breast Carcinoma Anticancer Activity by Co-Delivery of Doxorubicin and Curcumin with Coreâ€“Shell Drug-Carrier Based on Heparin Modified Poly(L-lactide) Grafted Polyethylenimine Cationic Nanoparticles. Journal of Biomedical Nanotechnology, 2014, 10, 227-237.	0.5	49

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73	A review on recent advances in hydrogen peroxide electrochemical sensors for applications in cell detection. Chinese Chemical Letters, 2022, 33, 4133-4145.	4.8	49
74	Toxicity Evaluation and Anti-Tumor Study of Docetaxel Loaded mPEG-Polyester Micelles for Breast Cancer Therapy. Journal of Biomedical Nanotechnology, 2017, 13, 393-408.	0.5	48
75	Cascade Reaction-Mediated Assembly of Magnetic/Silver Nanoparticles for Amplified Magnetic Biosensing. Analytical Chemistry, 2018, 90, 6906-6912.	3.2	48
76	Preparation of Tacrolimus loaded micelles based on poly(É›-caprolactone)â€“poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Tc	2.6	47
77	Uricase and Horseradish Peroxidase Hybrid CaHPO₄ Nanoflower Integrated with Transcutaneous Patches for Treatment of Hyperuricemia. Journal of Biomedical Nanotechnology, 2019, 15, 951-965.	0.5	46
78	Injectable Hybrid Poly(Îµ-caprolactone)-b-poly(ethylene glycol)-b-poly(Îµ-caprolactone) Porous Microspheres/Alginate Hydrogel Cross-linked by Calcium Gluconate Crystals Deposited in the Pores of Microspheres Improved Skin Wound Healing. ACS Biomaterials Science and Engineering, 2018, 4, 1029-1036.	2.6	45
79	Preparation of camptothecin-loaded PCEC microspheres for the treatment of colorectal peritoneal carcinomatosis and tumor growth in mice. Cancer Letters, 2011, 312, 189-196.	3.2	44
80	Doxorubicin-Conjugated Heparin-Coated Superparamagnetic Iron Oxide Nanoparticles for Combined Anticancer Drug Delivery and Magnetic Resonance Imaging. Journal of Biomedical Nanotechnology, 2016, 12, 1963-1974.	0.5	44
81	Mitochondrial Surface Engineering for Multidrug Resistance Reversal. Nano Letters, 2019, 19, 2905-2913.	4.5	44
82	Physicalâ€, chemicalâ€, and biologicalâ€responsive nanomedicine for cancer therapy. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2020, 12, e1581.	3.3	44
83	Effects of Cetyltrimethylammonium Bromide on the Toxicity of Gold Nanorods Both In Vitro and In Vivo: Molecular Origin of Cytotoxicity and Inflammation. Small Methods, 2020, 4, 1900799.	4.6	43
84	Preparation and Characterization of pH Sensitive Semi-interpenetrating Network Hydrogel Based on Methacrylic Acid, Bovine Serum Albumin (BSA), and PEG. Journal of Polymer Research, 2007, 13, 349-355.	1.2	42
85	Preparation of poly(ethylene glycol)/polylactide hybrid fibrous scaffolds for bone tissue engineering. International Journal of Nanomedicine, 2011, 6, 3065.	3.3	42
86	Improving long-term subcutaneous drug delivery by regulating material-bioenvironment interaction. Advanced Drug Delivery Reviews, 2018, 127, 20-34.	6.6	42
87	Nanomicelle protects the immune activation effects of Paclitaxel and sensitizes tumors to anti-PD-1 Immunotherapy. Theranostics, 2020, 10, 8382-8399.	4.6	42
88	Biodegradable self-assembled PEG-PCL-PEG micelles for hydrophobic drug delivery, part 2: in vitro and in vivo toxicity evaluation. Journal of Nanoparticle Research, 2011, 13, 721-731.	0.8	41
89	Folate-modified Chitosan Nanoparticles Containing the IP-10 Gene Enhance Melanoma-specific Cytotoxic CD8⁺CD28⁺T Lymphocyte Responses. Theranostics, 2016, 6, 752-761.	4.6	40
90	Protein corona formed in the gastrointestinal tract and its impacts on oral delivery of nanoparticles. Medicinal Research Reviews, 2021, 41, 1835-1850.	5.0	40

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91	Preparation of mannan modified anionic PCLâ€“PEGâ€“PCL nanoparticles at one-step for bFGF antigen delivery to improve humoral immunity. Colloids and Surfaces B: Biointerfaces, 2008, 64, 135-139.	2.5	39
92	Multifunctional Nucleus-targeting Nanoparticles with Ultra-high Gene Transfection Efficiency for In Vivo Gene Therapy. Theranostics, 2017, 7, 1633-1649.	4.6	39
93	Nearâ€Infrared Responsive PEGylated Gold Nanorod and Doxorubicin Loaded Dissolvable Hyaluronic Acid Microneedles for Human Epidermoid Cancer Therapy. Advanced Therapeutics, 2018, 1, 1800008.	1.6	39
94	Cancerâ€Cellâ€Biomimetic Nanoparticles for Targeted Therapy of Multiple Myeloma Based on Bone Marrow Homing. Advanced Materials, 2022, 34, e2107883.	11.1	38
95	Synthesis, characterization and drug loading property of Monomethoxy-Poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 58 34069.	1.6	37
96	A novel gene delivery composite system based on biodegradable folate-poly (ester amine) polymer and thermosensitive hydrogel for sustained gene release. Scientific Reports, 2016, 6, 21402.	1.6	36
97	Cyclophosphamide loaded thermo-responsive hydrogel system synergize with a hydrogel cancer vaccine to amplify cancer immunotherapy in a prime-boost manner. Bioactive Materials, 2021, 6, 3036-3048.	8.6	36
98	Peptide-Mediated Controllable Cross-Linking of Gold Nanoparticles for Immunoassays with Tunable Detection Range. Analytical Chemistry, 2018, 90, 8234-8240.	3.2	35
99	Advances in nanotechnology-based delivery systems for EGFR tyrosine kinases inhibitors in cancer therapy. Asian Journal of Pharmaceutical Sciences, 2020, 15, 26-41.	4.3	35
100	Mussel-inspired antimicrobial gelatin/chitosan tissue adhesive rapidly activated in situ by H2O2/ascorbic acid for infected wound closure. Carbohydrate Polymers, 2020, 247, 116692.	5.1	35
101	Targeting Therapy of Neuropilin-1 Receptors Overexpressed Breast Cancer by Paclitaxel-Loaded CK3-Conjugated Polymeric Micelles. Journal of Biomedical Nanotechnology, 2016, 12, 2097-2111.	0.5	34
102	Improving anticancer activity and reducing systemic toxicity of doxorubicin by self-assembled polymeric micelles. Nanotechnology, 2011, 22, 095102.	1.3	33
103	Tumor microenvironment-responsive Ag2S-PAsp(DOX)-cRGD nanoparticles-mediated photochemotherapy enhances the immune response to tumor therapy. Biomaterials, 2022, 281, 121328.	5.7	33
104	A Transformable Amphiphilic and Block Polymerâ^'Dendron Conjugate for Enhanced Tumor Penetration and Retention with Cellular Homeostasis Perturbation via Membrane Flow. Advanced Materials, 2022, 34, e2200048.	11.1	33
105	PEG-derivatized octacosanol as micellar carrier for paclitaxel delivery. International Journal of Pharmaceutics, 2016, 500, 345-359.	2.6	32
106	Recent Progress in Functional Micellar Carriers with Intrinsic Therapeutic Activities for Anticancer Drug Delivery. Journal of Biomedical Nanotechnology, 2017, 13, 1598-1618.	0.5	32
107	Î±-Lipoic acid stabilized DTX/IR780 micelles for photoacoustic/fluorescence imaging guided photothermal therapy/chemotherapy of breast cancer. Biomaterials Science, 2018, 6, 1201-1216.	2.6	32
108	Can nanoparticles and nanoâ€'protein interactions bring a bright future for insulin delivery?. Acta Pharmaceutica Sinica B, 2021, 11, 651-667.	5.7	31

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109	Regulation of tumor microenvironment for pancreatic cancer therapy. Biomaterials, 2021, 270, 120680.	5.7	31
110	An Injectable, Near-Infrared Light-Responsive Click Cross-Linked Azobenzene Hydrogel for Breast Cancer Chemotherapy. Journal of Biomedical Nanotechnology, 2019, 15, 1923-1936.	0.5	31
111	Magnetic iron oxide nanoparticles/10-hydroxy camptothecin co-loaded nanogel for enhanced photothermal-chemo therapy. Applied Materials Today, 2019, 14, 84-95.	2.3	30
112	Camptothecine encapsulated composite drug delivery system for colorectal peritoneal carcinomatosis therapy: Biodegradable microsphere in thermosensitive hydrogel. Colloids and Surfaces B: Biointerfaces, 2013, 106, 93-101.	2.5	29
113	Tumor-targeted/reduction-triggered composite multifunctional nanoparticles for breast cancer chemo-photothermal combinational therapy. Acta Pharmaceutica Sinica B, 2022, 12, 2710-2730.	5.7	29
114	Acute oral toxicity evaluation of biodegradable and pH-sensitive hydrogel based on polycaprolactone, poly(ethylene glycol) and methylacrylic acid (MAA). Journal of Biomedical Materials Research - Part A, 2008, 84A, 589-597.	2.1	28
115	A biodegradable thermosensitive hydrogel vaccine for cancer immunotherapy. Applied Materials Today, 2020, 19, 100608.	2.3	28
116	A Nonenzymatic Hydrogen Peroxide Electrochemical Sensing and Application in Cancer Diagnosis. Small Methods, 2021, 5, e2001212.	4.6	28
117	Facile Construction of Chloroquine Containing PLGA-Based pDNA Delivery System for Efficient Tumor and Pancreatitis Targeting in Vitro and in Vivo. Molecular Pharmaceutics, 2015, 12, 2167-2179.	2.3	27
118	From mouse to mouseâ€ear cress: Nanomaterials as vehicles in plant biotechnology. Exploration, 2021, 1, 9-20.	5.4	27
119	Cu-T₁ Sensor for Versatile Analysis. Analytical Chemistry, 2018, 90, 2833-2838.	3.2	25
120	Bone-targeting melphalan prodrug with tumor-microenvironment sensitivity: Synthesis, in vitro and in vivo evaluation. Chinese Chemical Letters, 2018, 29, 1609-1612.	4.8	25
121	Negative regulation of cationic nanoparticle-induced inflammatory toxicity through the increased production of prostaglandin E2 via mitochondrial DNA-activated Ly6C⁺ monocytes. Theranostics, 2018, 8, 3138-3152.	4.6	25
122	Preparation of anionic poly(Îµ-caprolactone)-poly(ethylene glycol)-poly(Îµ-caprolactone) copolymeric nanoparticles as basic protein antigen carrier. Growth Factors, 2007, 25, 202-208.	0.5	24
123	Mannan Loaded Biodegradable and Injectable Thermosensitive PCL-PEG-PCL Hydrogel for Vaccine Delivery. Soft Materials, 2012, 10, 472-486.	0.8	24
124	Two Novel Nanoscale Preparations of Micelle and Thermosensitive Hydrogel for Docetaxel to Treat Malignant Tumor. Journal of Biomedical Nanotechnology, 2013, 9, 357-366.	0.5	23
125	Facile Coordination-Precipitation Route to Insoluble Metal Roussinâ€™s Black Salts for NIR-Responsive Release of NO for Anti-Metastasis. ACS Applied Materials & Interfaces, 2017, 9, 36473-36477.	4.0	22
126	Fe-T₁ Sensor Based on Coordination Chemistry for Sensitive and Versatile Bioanalysis. Analytical Chemistry, 2018, 90, 9148-9155.	3.2	22

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127	Intracellular aggregation of peptide-reprogrammed small molecule nanoassemblies enhances cancer chemotherapy and combinatorial immunotherapy. Acta Pharmaceutica Sinica B, 2021, 11, 1069-1082.	5.7	22
128	Histones released by NETosis enhance the infectivity of SARS-CoV-2 by bridging the spike protein subunit 2 and sialic acid on host cells. , 2022, 19, 577-587.		22
129	Synthesis and Characterization of mPEG-PCL-g-PEI and Self-Assembled Nanoparticle Uptake in Vitro and in Vivo. Journal of Physical Chemistry C, 2010, 114, 21315-21321.	1.5	21
130	Micelles of Methoxy Poly(ethylene glycol)â€“Poly(Îµ-caprolactone) as a Novel Drug Delivery Vehicle for Tacrolimus. Journal of Biomedical Nanotechnology, 2013, 9, 147-157.	0.5	21
131	A simple method to improve the stability of docetaxel micelles. Scientific Reports, 2016, 6, 36957.	1.6	21
132	The evaluation of cellular uptake efficiency and tumor-targeting ability of MPEGâ€“PDLLA micelles: effect of particle size. RSC Advances, 2016, 6, 13698-13709.	1.7	21
133	Sustained and targeted delivery of siRNA/DP7â€C nanoparticles from injectable thermosensitive hydrogel for hepatocellular carcinoma therapy. Cancer Science, 2021, 112, 2481-2492.	1.7	21
134	Synthesis, Characterization, and Acute Oral Toxicity Evaluation of pH-Sensitive Hydrogel Based on MPEG, Poly(Îµ-caprolactone), and Itaconic Acid. BioMed Research International, 2013, 2013, 1-9.	0.9	20
135	Tumor Neovasculature-Targeted APRPG-PEG-PDLLA/MPEG-PDLLA Mixed Micelle Loading Combretastatin A-4 for Breast Cancer Therapy. ACS Biomaterials Science and Engineering, 2018, 4, 1986-1999.	2.6	20
136	Ag2S nanoparticles as an emerging single-component theranostic agent. Chinese Chemical Letters, 2020, 31, 1717-1728.	4.8	20
137	Camptothecin@HMSNs/thermosensitive hydrogel composite for applications in preventing local breast cancer recurrence. Chinese Chemical Letters, 2018, 29, 1819-1823.	4.8	19
138	Preparation and ageing-resistant properties of polyester composites modified with functional nanoscale additives. Nanoscale Research Letters, 2014, 9, 215.	3.1	18
139	Mesoporous PtPd nanoparticles for ligand-mediated and imaging-guided chemo-photothermal therapy of breast cancer. Nano Research, 2020, 13, 1739-1748.	5.8	18
140	Coâ€Đelivery of Paclitaxel and shMCLâ€1 by Folic Acidâ€Modified Nonviral Vector to Overcome Cancer Chemotherapy Resistance. Small Methods, 2021, 5, 2001132.	4.6	18
141	Macrophage Membrane-Camouflaged shRNA and Doxorubicin: A pH-Dependent Release System for Melanoma Chemo-Immunotherapy. Research, 2022, 2022, 9768687.	2.8	18
142	Synthesis, characterization, and hydrolytic degradation of biodegradable poly(ether ester)â€urethane copolymers based on Îµâ€caprolactone and poly(ethylene glycol). Journal of Applied Polymer Science, 2009, 113, 1111-1119.	1.3	17
143	Synthesis and properties of a novel biodegradable poly(ester amine) copolymer based on poly(L-lactide) and low molecular weight polyethylenimine for gene delivery. International Journal of Nanomedicine, 2011, 6, 1641.	3.3	16
144	Synthesis and characterization of pH and temperature sensitive hydrogel based on poly(N-isopropylacrylamide), poly(É›-caprolactone), methylacrylic acid, and methoxyl poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5		16

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145	Which polymer is more suitable for etoposide: A comparison between two kinds of drug loaded polymeric micelles in vitro and in vivo ?. International Journal of Pharmaceutics, 2015, 495, 265-275.	2.6	16
146	Current Status of Nonviral Vectors for Gene Therapy in China. Human Gene Therapy, 2018, 29, 110-120.	1.4	16
147	Preparation and inÂvitro characterization of dexamethasone-loaded poly(d,l-lactic acid) microspheres embedded in poly(ethylene glycol)â€“poly(É›-caprolactone)â€“poly(ethylene glycol) hydrogel for orthopedic tissue engineering. Journal of Biomaterials Applications, 2013, 28, 288-297.	1.2	15
148	Biodegradable and thermosensitive micelles inhibit ischemia-induced postoperative peritoneal adhesion. International Journal of Nanomedicine, 2014, 9, 727.	3.3	15
149	Functional Nanoparticles Activate a Decellularized Liver Scaffold for Blood Detoxification. Small, 2016, 12, 2067-2076.	5.2	15
150	Biomineralized polymer matrix composites for bone tissue repair: a review. Science China Chemistry, 2018, 61, 1553-1567.	4.2	15
151	Multifunctional Supramolecular Filament Hydrogel Boosts Antiâ€Inflammatory Efficacy In Vitro and In Vivo. Advanced Functional Materials, 2022, 32, .	7.8	15
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