

# Zhirong Zhang

## List of Publications by Year in descending order

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287  
papers

13,003  
citations

19657

61  
h-index

39675

94  
g-index

301  
all docs

301  
docs citations

301  
times ranked

14458  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dopamine-loaded blood exosomes targeted to brain for better treatment of Parkinson's disease. <i>Journal of Controlled Release</i> , 2018, 287, 156-166.	9.9	329
2	Overcoming the Diffusion Barrier of Mucus and Absorption Barrier of Epithelium by Self-Assembled Nanoparticles for Oral Delivery of Insulin. <i>ACS Nano</i> , 2015, 9, 2345-2356.	14.6	318
3	Preformed albumin corona, a protective coating for nanoparticles based drug delivery system. <i>Biomaterials</i> , 2013, 34, 8521-8530.	11.4	293
4	Goblet cell-targeting nanoparticles for oral insulin delivery and the influence of mucus on insulin transport. <i>Biomaterials</i> , 2012, 33, 1573-1582.	11.4	270
5	Bacteria-Driven Hypoxia Targeting for Combined Biotherapy and Photothermal Therapy. <i>ACS Nano</i> , 2018, 12, 5995-6005.	14.6	253
6	Cationic nanocarriers induce cell necrosis through impairment of Na <sup>+</sup> /K <sup>+</sup> -ATPase and cause subsequent inflammatory response. <i>Cell Research</i> , 2015, 25, 237-253.	12.0	218
7	Paclitaxel loaded liposomes decorated with a multifunctional tandem peptide for glioma targeting. <i>Biomaterials</i> , 2014, 35, 4835-4847.	11.4	210
8	Efficient mucus permeation and tight junction opening by dissociable "mucus-inert" agent coated trimethyl chitosan nanoparticles for oral insulin delivery. <i>Journal of Controlled Release</i> , 2016, 222, 67-77.	9.9	210
9	Targeted delivery of low-dose dexamethasone using PCL-PEG micelles for effective treatment of rheumatoid arthritis. <i>Journal of Controlled Release</i> , 2016, 230, 64-72.	9.9	171
10	Independent effect of polymeric nanoparticle zeta potential/surface charge, on their cytotoxicity and affinity to cells. <i>Cell Proliferation</i> , 2015, 48, 465-474.	5.3	161
11	Targeting NF- $\kappa$ B signaling with polymeric hybrid micelles that co-deliver siRNA and dexamethasone for arthritis therapy. <i>Biomaterials</i> , 2017, 122, 10-22.	11.4	161
12	The pore size of mesoporous silica nanoparticles regulates their antigen delivery efficiency. <i>Science Advances</i> , 2020, 6, eaaz4462.	10.3	147
13	Enhanced intranasal delivery of mRNA vaccine by overcoming the nasal epithelial barrier via intra- and paracellular pathways. <i>Journal of Controlled Release</i> , 2016, 228, 9-19.	9.9	142
14	Targeted delivery of celastrol to mesangial cells is effective against mesangioproliferative glomerulonephritis. <i>Nature Communications</i> , 2017, 8, 878.	12.8	142
15	Therapeutic strategies for the costimulatory molecule OX40 in T-cell-mediated immunity. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 414-433.	12.0	139
16	Dual drugs (microRNA-34a and paclitaxel)-loaded functional solid lipid nanoparticles for synergistic cancer cell suppression. <i>Journal of Controlled Release</i> , 2014, 194, 228-237.	9.9	135
17	A rapid-acting, long-acting insulin formulation based on a phospholipid complex loaded PHBHHx nanoparticles. <i>Biomaterials</i> , 2012, 33, 1583-1588.	11.4	129
18	Cationic Bovine Serum Albumin Based Self-Assembled Nanoparticles as siRNA Delivery Vector for Treating Lung Metastatic Cancer. <i>Small</i> , 2014, 10, 524-535.	10.0	129

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19	Remodeling tumor immune microenvironment via targeted blockade of PI3K- $\hat{1}$ <sup>3</sup> and CSF-1/CSF-1R pathways in tumor associated macrophages for pancreatic cancer therapy. <i>Journal of Controlled Release</i> , 2020, 321, 23-35.	9.9	123
20	Engineering nanomaterials to overcome the mucosal barrier by modulating surface properties. <i>Advanced Drug Delivery Reviews</i> , 2018, 124, 150-163.	13.7	120
21	Multistage Nanovehicle Delivery System Based on Stepwise Size Reduction and Charge Reversal for Programmed Nuclear Targeting of Systemically Administered Anticancer Drugs. <i>Advanced Functional Materials</i> , 2015, 25, 4101-4113.	14.9	118
22	Coating Solid Lipid Nanoparticles with Hyaluronic Acid Enhances Antitumor Activity against Melanoma Stem-like Cells. <i>Theranostics</i> , 2015, 5, 755-771.	10.0	118
23	Combining photothermal therapy and immunotherapy against melanoma by polydopamine-coated Al <sub>2</sub> O <sub>3</sub> nanoparticles. <i>Theranostics</i> , 2018, 8, 2229-2241.	10.0	116
24	pH-sensitive polymeric micelles for targeted delivery to inflamed joints. <i>Journal of Controlled Release</i> , 2017, 246, 133-141.	9.9	114
25	Biomimetic Viruslike and Charge Reversible Nanoparticles to Sequentially Overcome Mucus and Epithelial Barriers for Oral Insulin Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 9916-9928.	8.0	113
26	Targeted apoptosis of macrophages and osteoclasts in arthritic joints is effective against advanced inflammatory arthritis. <i>Nature Communications</i> , 2021, 12, 2174.	12.8	113
27	Tumors and Their Microenvironment Dual-Targeting Chemotherapy with Local Immune Adjuvant Therapy for Effective Antitumor Immunity against Breast Cancer. <i>Advanced Science</i> , 2019, 6, 1801868.	11.2	111
28	Tailoring polymeric hybrid micelles with lymph node targeting ability to improve the potency of cancer vaccines. <i>Biomaterials</i> , 2017, 122, 105-113.	11.4	107
29	Chondroitin Sulfate-Linked Prodrug Nanoparticles Target the Golgi Apparatus for Cancer Metastasis Treatment. <i>ACS Nano</i> , 2019, 13, 9386-9396.	14.6	107
30	Insight into the Interaction of Graphene Oxide with Serum Proteins and the Impact of the Degree of Reduction and Concentration. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 13367-13374.	8.0	106
31	Neutrophil-mimicking therapeutic nanoparticles for targeted chemotherapy of pancreatic carcinoma. <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 575-589.	12.0	100
32	Efficient Delivery of Payload into Tumor Cells in a Controlled Manner by TAT and Thiolytic Cleavable PEG Co-Modified Liposomes. <i>Molecular Pharmaceutics</i> , 2010, 7, 1816-1826.	4.6	99
33	Induction of HIV-1 gag specific immune responses by cationic micelles mediated delivery of gag mRNA. <i>Drug Delivery</i> , 2016, 23, 2596-2607.	5.7	96
34	A pH-responsive cell-penetrating peptide-modified liposomes with active recognizing of integrin $\hat{1}$ <sup>23</sup> for the treatment of melanoma. <i>Journal of Controlled Release</i> , 2015, 217, 138-150.	9.9	95
35	Novel Solid Lipid Nanoparticle with Endosomal Escape Function for Oral Delivery of Insulin. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 9315-9324.	8.0	93
36	Turning the Old Adjuvant from Gel to Nanoparticles to Amplify CD8 <sup>+</sup> T Cell Responses. <i>Advanced Science</i> , 2018, 5, 1700426.	11.2	93

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37	Systemic Delivery of microRNA-34a for Cancer Stem Cell Therapy. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 3901-3905.	13.8	92
38	Increased tumor targeted delivery using a multistage liposome system functionalized with RGD, TAT and cleavable PEG. <i>International Journal of Pharmaceutics</i> , 2014, 468, 26-38.	5.2	91
39	Dual Receptor Recognizing Cell Penetrating Peptide for Selective Targeting, Efficient Intratumoral Diffusion and Synthesized Anti-Glioma Therapy. <i>Theranostics</i> , 2016, 6, 177-191.	10.0	91
40	The targeting of 14-succinate triptolide-lysozyme conjugate to proximal renal tubular epithelial cells. <i>Biomaterials</i> , 2009, 30, 1372-1381.	11.4	87
41	Kidney-targeted drug delivery systems. <i>Acta Pharmaceutica Sinica B</i> , 2014, 4, 37-42.	12.0	87
42	Knockdown of hypoxia-inducible factor-1 alpha by tumor targeted delivery of CRISPR/Cas9 system suppressed the metastasis of pancreatic cancer. <i>Journal of Controlled Release</i> , 2019, 304, 204-215.	9.9	87
43	Golgi Apparatus-Targeted Chondroitin-Modified Nanomicelles Suppress Hepatic Stellate Cell Activation for the Management of Liver Fibrosis. <i>ACS Nano</i> , 2019, 13, 3910-3923.	14.6	86
44	A smart polymeric platform for multistage nucleus-targeted anticancer drug delivery. <i>Biomaterials</i> , 2015, 65, 43-55.	11.4	85
45	Cationic micelle delivery of Trp2 peptide for efficient lymphatic draining and enhanced cytotoxic T-lymphocyte responses. <i>Journal of Controlled Release</i> , 2015, 200, 1-12.	9.9	84
46	Hyaluronic acid ion-pairing nanoparticles for targeted tumor therapy. <i>Journal of Controlled Release</i> , 2016, 225, 170-182.	9.9	84
47	A brain targeting functionalized liposomes of the dopamine derivative N -3,4-bis(pivaloyloxy)-dopamine for treatment of Parkinson's disease. <i>Journal of Controlled Release</i> , 2018, 277, 173-182.	9.9	83
48	Development of a multi-target peptide for potentiating chemotherapy by modulating tumor microenvironment. <i>Biomaterials</i> , 2016, 108, 44-56.	11.4	77
49	Polystyrene Nanoparticles Reduced ROS and Inhibited Ferroptosis by Triggering Lysosome Stress and TFEB Nucleus Translocation in a Size-Dependent Manner. <i>Nano Letters</i> , 2019, 19, 7781-7792.	9.1	75
50	Combination of Bacterial Photothermal Therapy with an Anti-PD-1 Peptide Depot for Enhanced Immunity against Advanced Cancer. <i>Advanced Functional Materials</i> , 2020, 30, 1906623.	14.9	74
51	Co-delivery of Pirarubicin and Paclitaxel by Human Serum Albumin Nanoparticles to Enhance Antitumor Effect and Reduce Systemic Toxicity in Breast Cancers. <i>Molecular Pharmaceutics</i> , 2015, 12, 4085-4098.	4.6	70
52	Targeting cancer-associated fibroblasts by dual-responsive lipid-albumin nanoparticles to enhance drug perfusion for pancreatic tumor therapy. <i>Journal of Controlled Release</i> , 2020, 321, 564-575.	9.9	69
53	Targeted Delivery of Cargoes into a Murine Solid Tumor by a Cell-Penetrating Peptide and Cleavable Poly(ethylene glycol) Comodified Liposomal Delivery System via Systemic Administration. <i>Molecular Pharmaceutics</i> , 2011, 8, 2151-2161.	4.6	68
54	Simultaneous delivery of therapeutic antagomirs with paclitaxel for the management of metastatic tumors by a pH-responsive anti-microbial peptide-mediated liposomal delivery system. <i>Journal of Controlled Release</i> , 2015, 197, 208-218.	9.9	67

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55	Rational design of Polymeric Hybrid Micelles to Overcome Lymphatic and Intracellular Delivery Barriers in Cancer Immunotherapy. <i>Theranostics</i> , 2017, 7, 4383-4398.	10.0	67
56	A novel dexamethasone-loaded liposome alleviates rheumatoid arthritis in rats. <i>International Journal of Pharmaceutics</i> , 2018, 540, 57-64.	5.2	67
57	Antitumor and Antimetastasis Activities of Heparin-based Micelle Served As Both Carrier and Drug. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 9577-9589.	8.0	66
58	Co-delivery of doxorubicin and P-gp inhibitor by a reduction-sensitive liposome to overcome multidrug resistance, enhance anti-tumor efficiency and reduce toxicity. <i>Drug Delivery</i> , 2016, 23, 1130-1143.	5.7	66
59	Coencapsulated Doxorubicin and Bromotetrandrine Lipid Nanoemulsions in Reversing Multidrug Resistance in Breast Cancer <i>in Vitro</i> and <i>in Vivo</i> . <i>Molecular Pharmaceutics</i> , 2015, 12, 274-286.	4.6	65
60	Tumor-Associated Fibroblast-Targeted Regulation and Deep Tumor Delivery of Chemotherapeutic Drugs with a Multifunctional Size-Switchable Nanoparticle. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 39545-39559.	8.0	65
61	Multifunctional Tandem Peptide Modified Paclitaxel-Loaded Liposomes for the Treatment of Vasculogenic Mimicry and Cancer Stem Cells in Malignant Glioma. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 16792-16801.	8.0	64
62	Soluplus micelles for improving the oral bioavailability of scopoletin and their hypouricemic effect in vivo. <i>Acta Pharmacologica Sinica</i> , 2017, 38, 424-433.	6.1	64
63	Coadministration of Oligomeric Hyaluronic Acid-Modified Liposomes with Tumor-Penetrating Peptide-iRGD Enhances the Antitumor Efficacy of Doxorubicin against Melanoma. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 1280-1292.	8.0	64
64	Enhanced rifampicin delivery to alveolar macrophages by solid lipid nanoparticles. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	63
65	On-Demand Autophagy Cascade Amplification Nanoparticles Precisely Enhanced Oxaliplatin-Induced Cancer Immunotherapy. <i>Advanced Materials</i> , 2020, 32, e2002160.	21.0	63
66	Significantly enhanced tumor cellular and lysosomal hydroxychloroquine delivery by smart liposomes for optimal autophagy inhibition and improved antitumor efficiency with liposomal doxorubicin. <i>Autophagy</i> , 2016, 12, 949-962.	9.1	62
67	Enhanced antitumor and anti-metastasis efficacy against aggressive breast cancer with a fibronectin-targeting liposomal doxorubicin. <i>Journal of Controlled Release</i> , 2018, 271, 21-30.	9.9	61
68	Exosome-like nanoplatfrom modified with targeting ligand improves anti-cancer and anti-inflammation effects of imperialine. <i>Journal of Controlled Release</i> , 2019, 311-312, 104-116.	9.9	61
69	Targeted delivery of hyaluronic acid nanomicelles to hepatic stellate cells in hepatic fibrosis rats. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 693-710.	12.0	60
70	Targeting self-assembly peptide for inhibiting breast tumor progression and metastasis. <i>Biomaterials</i> , 2020, 249, 120055.	11.4	60
71	Orally delivered salmon calcitonin-loaded solid lipid nanoparticles prepared by micelle "double emulsion method via the combined use of different solid lipids. <i>Nanomedicine</i> , 2013, 8, 1085-1100.	3.3	59
72	Self-Delivery Micellar Nanoparticles Prevent Premetastatic Niche Formation by Interfering with the Early Recruitment and Vascular Destruction of Granulocytic Myeloid-Derived Suppressor Cells. <i>Nano Letters</i> , 2020, 20, 2219-2229.	9.1	59

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73	Liposomes Combined an Integrin $\alpha$ <sup>v</sup> $\beta$ <sup>3</sup> -Specific Vector with pH-Responsible Cell-Penetrating Property for Highly Effective Antiglioma Therapy through the Blood-Brain Barrier. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 21442-21454.	8.0	58
74	Engineering intranasal mRNA vaccines to enhance lymph node trafficking and immune responses. <i>Acta Biomaterialia</i> , 2017, 64, 237-248.	8.3	58
75	Bioinspired butyrate-functionalized nanovehicles for targeted oral delivery of biomacromolecular drugs. <i>Journal of Controlled Release</i> , 2017, 262, 273-283.	9.9	58
76	A size switchable nanoplatform for targeting the tumor microenvironment and deep tumor penetration. <i>Nanoscale</i> , 2018, 10, 9935-9948.	5.6	58
77	Target delivering paclitaxel by ferritin heavy chain nanocages for glioma treatment. <i>Journal of Controlled Release</i> , 2020, 323, 191-202.	9.9	57
78	Enhanced gene delivery efficiency of cationic liposomes coated with PEGylated hyaluronic acid for anti P-glycoprotein siRNA: A potential candidate for overcoming multi-drug resistance. <i>International Journal of Pharmaceutics</i> , 2014, 477, 590-600.	5.2	55
79	In Vivo Detection of Cerebral Amyloid Fibrils with Smart Dicyanomethylene-4H-Pyran-Based Fluorescence Probe. <i>Analytical Chemistry</i> , 2015, 87, 4781-4787.	6.5	54
80	Repeated Administration of Hyaluronic Acid Coated Liposomes with Improved Pharmacokinetics and Reduced Immune Response. <i>Molecular Pharmaceutics</i> , 2016, 13, 1800-1808.	4.6	54
81	Nanoemulsion loaded with lycobetaine&ndash;oleic acid ionic complex: physicochemical characteristics, in vitro, in vivo evaluation, and antitumor activity. <i>International Journal of Nanomedicine</i> , 2013, 8, 1959.	6.7	53
82	Inflammation-Targeted Delivery of Celastrol via Neutrophil Membrane-Coated Nanoparticles in the Management of Acute Pancreatitis. <i>Molecular Pharmaceutics</i> , 2019, 16, 1397-1405.	4.6	53
83	pH-sensitive folic acid and dNP2 peptide dual-modified liposome for enhanced targeted chemotherapy of glioma. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 124, 240-248.	4.0	52
84	Palmitic acid-modified bovine serum albumin nanoparticles target scavenger receptor-A on activated macrophages to treat rheumatoid arthritis. <i>Biomaterials</i> , 2020, 258, 120296.	11.4	52
85	Multifunctional Shell-Core Nanoparticles for Treatment of Multidrug Resistance Hepatocellular Carcinoma. <i>Advanced Functional Materials</i> , 2018, 28, 1706124.	14.9	51
86	Mild hyperthermia promotes immune checkpoint blockade-based immunotherapy against metastatic pancreatic cancer using size-adjustable nanoparticles. <i>Acta Biomaterialia</i> , 2021, 133, 244-256.	8.3	49
87	Multifunctional Nanoparticles Enable Efficient Oral Delivery of Biomacromolecules via Improving Payload Stability and Regulating the Transcytosis Pathway. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 34039-34049.	8.0	47
88	A high-efficiency, low-toxicity, phospholipids-based phase separation gel for long-term delivery of peptides. <i>Biomaterials</i> , 2015, 45, 1-9.	11.4	46
89	Dual receptor recognizing liposomes containing paclitaxel and hydroxychloroquine for primary and metastatic melanoma treatment via autophagy-dependent and independent pathways. <i>Journal of Controlled Release</i> , 2018, 288, 148-160.	9.9	46
90	Low Molecular Weight Heparin-Coated and Dendrimer-Based Core-Shell Nanoplatform with Enhanced Immune Activation and Multiple Anti-Metastatic Effects for Melanoma Treatment. <i>Theranostics</i> , 2019, 9, 337-354.	10.0	46

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91	Aloe-emodin suppresses hypoxia-induced retinal angiogenesis via inhibition of HIF-1 $\alpha$ /VEGF pathway. <i>International Journal of Biological Sciences</i> , 2016, 12, 1363-1371.	6.4	45
92	Effective treatment of the primary tumor and lymph node metastasis by polymeric micelles with variable particle sizes. <i>Journal of Controlled Release</i> , 2018, 292, 67-77.	9.9	45
93	A fast-dissolving microneedle array loaded with chitosan nanoparticles to evoke systemic immune responses in mice. <i>Journal of Materials Chemistry B</i> , 2020, 8, 216-225.	5.8	45
94	pH/ATP cascade-responsive nano-courier with efficient tumor targeting and siRNA unloading for photothermal-immunotherapy. <i>Nano Today</i> , 2021, 37, 101083.	11.9	44
95	Multifunctional polymeric micelle-based chemo-immunotherapy with immune checkpoint blockade for efficient treatment of orthotopic and metastatic breast cancer. <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 819-831.	12.0	43
96	Enhanced antitumor and anti-metastasis efficiency via combined treatment with CXCR4 antagonist and liposomal doxorubicin. <i>Journal of Controlled Release</i> , 2014, 196, 324-331.	9.9	42
97	A size-shrinkable nanoparticle-based combined anti-tumor and anti-inflammatory strategy for enhanced cancer therapy. <i>Nanoscale</i> , 2018, 10, 9957-9970.	5.6	42
98	Erythrocyte Membrane Camouflaged Nanoplatfor for Intravenous Glucose Responsive Insulin Delivery. <i>Advanced Functional Materials</i> , 2018, 28, 1802250.	14.9	42
99	Formononetin, an active compound of <i>Astragalus membranaceus</i> (Fisch) Bunge, inhibits hypoxia-induced retinal neovascularization via the HIF-1 $\alpha$ /VEGF signaling pathway. <i>Drug Design, Development and Therapy</i> , 2016, Volume 10, 3071-3081.	4.3	41
100	Enhanced chemo-immunotherapy against melanoma by inhibition of cholesterol esterification in CD8+ T cells. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 2541-2550.	3.3	40
101	Co-delivery of p38 $\beta$ MAPK and p65 siRNA by novel liposomal glomerulus-targeting nano carriers for effective immunoglobulin a nephropathy treatment. <i>Journal of Controlled Release</i> , 2020, 320, 457-468.	9.9	40
102	Advances in photosensitizer-related design for photodynamic therapy. <i>Asian Journal of Pharmaceutical Sciences</i> , 2021, 16, 668-686.	9.1	40
103	Rational Design of Polymeric Hybrid Micelles with Highly Tunable Properties to Co-Deliver MicroRNA-34a and Vismodegib for Melanoma Therapy. <i>Advanced Functional Materials</i> , 2015, 25, 7457-7469.	14.9	39
104	Enhanced Melanoma Targeted Therapy by Fru-Blocked Phenyboronic Acid Modified Multiphase Antimetastatic Micellar Nanoparticles. <i>Advanced Science</i> , 2018, 5, 1800229.	11.2	39
105	Improved melanoma suppression with target-delivered TRAIL and Paclitaxel by a multifunctional nanocarrier. <i>Journal of Controlled Release</i> , 2020, 325, 10-24.	9.9	39
106	Inhibition of Hypoxia-Induced Retinal Angiogenesis by Specnuezhenide, an Effective Constituent of <i>Ligustrum lucidum</i> Ait., through Suppression of the HIF-1 $\alpha$ /VEGF Signaling Pathway. <i>Molecules</i> , 2016, 21, 1756.	3.8	38
107	Synergistic cytotoxicity and co-autophagy inhibition in pancreatic tumor cells and cancer-associated fibroblasts by dual functional peptide-modified liposomes. <i>Acta Biomaterialia</i> , 2019, 99, 339-349.	8.3	38
108	A pH-responsive sequential-disassembly nanohybrid for mitochondrial targeting. <i>Nanoscale</i> , 2017, 9, 314-325.	5.6	37

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109	Novel oral administrated paclitaxel micelles with enhanced bioavailability and antitumor efficacy for resistant breast cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 150, 89-97.	5.0	37
110	Rationally Designed Self-Assembling Nanoparticles to Overcome Mucus and Epithelium Transport Barriers for Oral Vaccines against <i>Helicobacter pylori</i> . <i>Advanced Functional Materials</i> , 2018, 28, 1802675.	14.9	37
111	Enhanced Tumor Retention Effect by Click Chemistry for Improved Cancer Immunotherapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 17582-17593.	8.0	37
112	G3-C12 Peptide Reverses Galectin-3 from Foe to Friend for Active Targeting Cancer Treatment. <i>Molecular Pharmaceutics</i> , 2015, 12, 4124-4136.	4.6	36
113	An injectable, low-toxicity phospholipid-based phase separation gel that induces strong and persistent immune responses in mice. <i>Biomaterials</i> , 2016, 105, 185-194.	11.4	35
114	Polymer-Drug Nanoparticles Combine Doxorubicin Carrier and Heparin Bioactivity Functionalities for Primary and Metastatic Cancer Treatment. <i>Molecular Pharmaceutics</i> , 2017, 14, 513-522.	4.6	35
115	Milk-derived exosomes exhibit versatile effects for improved oral drug delivery. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 2029-2042.	12.0	35
116	Live Macrophage-Delivered Doxorubicin-Loaded Liposomes Effectively Treat Triple-Negative Breast Cancer. <i>ACS Nano</i> , 2022, 16, 9799-9809.	14.6	34
117	A New Concept of Enhancing Immuno-Chemotherapeutic Effects Against B16F10 Tumor via Systemic Administration by Taking Advantages of the Limitation of EPR Effect. <i>Theranostics</i> , 2016, 6, 2141-2160.	10.0	33
118	A comparison study between lycobetaine-loaded nanoemulsion and liposome using nRGD as therapeutic adjuvant for lung cancer therapy. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 111, 293-302.	4.0	33
119	Two birds, one stone: dual targeting of the cancer cell surface and subcellular mitochondria by the galectin-3-binding peptide G3-C12. <i>Acta Pharmacologica Sinica</i> , 2017, 38, 806-822.	6.1	32
120	Enhanced glioma therapy by synergistic inhibition of autophagy and tyrosine kinase activity. <i>International Journal of Pharmaceutics</i> , 2018, 536, 1-10.	5.2	32
121	Efficient siRNA transfer to knockdown a placenta specific lncRNA using RGD-modified nano-liposome: A new preeclampsia-like mouse model. <i>International Journal of Pharmaceutics</i> , 2018, 546, 115-124.	5.2	32
122	Hyaluronic acid modified doxorubicin loaded Fe <sub>3</sub> O <sub>4</sub> nanoparticles effectively inhibit breast cancer metastasis. <i>Journal of Materials Chemistry B</i> , 2019, 7, 5861-5872.	5.8	32
123	Size-adjustable micelles co-loaded with a chemotherapeutic agent and an autophagy inhibitor for enhancing cancer treatment via increased tumor retention. <i>Acta Biomaterialia</i> , 2019, 89, 300-312.	8.3	32
124	Encapsulation of teniposide into albumin nanoparticles with greatly lowered toxicity and enhanced antitumor activity. <i>International Journal of Pharmaceutics</i> , 2015, 487, 250-259.	5.2	31
125	Time-staggered delivery of docetaxel and H1-S6A,F8A peptide for sequential dual-strike chemotherapy through tumor priming and nuclear targeting. <i>Journal of Controlled Release</i> , 2016, 232, 62-74.	9.9	31
126	Paclitaxel loaded phospholipid-based gel as a drug delivery system for local treatment of glioma. <i>International Journal of Pharmaceutics</i> , 2017, 528, 127-132.	5.2	31



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127	Synergistic tumor microenvironment targeting and blood-brain barrier penetration via a pH-responsive dual-ligand strategy for enhanced breast cancer and brain metastasis therapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 1833-1843.	3.3	31
128	A novel $\beta$ -enolase-targeted drug delivery system for high efficacy prostate cancer therapy. <i>Nanoscale</i> , 2018, 10, 13673-13683.	5.6	31
129	Design and evaluation of glomerulus mesangium-targeted PEG-PLGA nanoparticles loaded with dexamethasone acetate. <i>Acta Pharmacologica Sinica</i> , 2019, 40, 143-150.	6.1	31
130	Hierarchical assembly of hyaluronan coated albumin nanoparticles for pancreatic cancer chemoimmunotherapy. <i>Nanoscale</i> , 2019, 11, 16476-16487.	5.6	31
131	PEGylated Cationic Vectors Containing a Protease-Sensitive Peptide as a miRNA Delivery System for Treating Breast Cancer. <i>Molecular Pharmaceutics</i> , 2017, 14, 81-92.	4.6	30
132	Evaluation of blood compatibility of MeO-PEG-poly (D,L-lactic-co-glycolic acid)-PEG-OMe triblock copolymer. <i>Journal of Applied Polymer Science</i> , 2006, 100, 1019-1023.	2.6	29
133	Validated LC-MS/MS Method for the Determination of Scopoletin in Rat Plasma and Its Application to Pharmacokinetic Studies. <i>Molecules</i> , 2015, 20, 18988-19001.	3.8	29
134	Combined delivery of a TGF- $\beta$ 2 inhibitor and an adenoviral vector expressing interleukin-12 potentiates cancer immunotherapy. <i>Acta Biomaterialia</i> , 2017, 61, 114-123.	8.3	29
135	A novel antitumour strategy using bidirectional autophagic vesicles accumulation via initiative induction and the terminal restraint of autophagic flux. <i>Journal of Controlled Release</i> , 2015, 199, 17-28.	9.9	28
136	Intranasal Vaccination against HIV-1 with Adenoviral Vector-Based Nanocomplex Using Synthetic TLR-4 Agonist Peptide as Adjuvant. <i>Molecular Pharmaceutics</i> , 2016, 13, 885-894.	4.6	28
137	Bio-inspired polymer envelopes around adenoviral vectors to reduce immunogenicity and improve in vivo kinetics. <i>Acta Biomaterialia</i> , 2016, 30, 94-105.	8.3	28
138	Inducing Optimal Antitumor Immune Response through Coadministering iRGD with Pirarubicin Loaded Nanostructured Lipid Carriers for Breast Cancer Therapy. <i>Molecular Pharmaceutics</i> , 2017, 14, 296-309.	4.6	28
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