

Zhiping Zhang

List of Publications by Year in descending order

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94
papers

7,834
citations

53751

45
h-index

49868

87
g-index

98
all docs

98
docs citations

98
times ranked

9920
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent progress in drug delivery. <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 1145-1162.	5.7	529
2	Vitamin E TPGS as a molecular biomaterial for drug delivery. <i>Biomaterials</i> , 2012, 33, 4889-4906.	5.7	493
3	The applications of Vitamin E TPGS in drug delivery. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 49, 175-186.	1.9	444
4	The drug encapsulation efficiency, in vitro drug release, cellular uptake and cytotoxicity of paclitaxel-loaded poly(lactide)- α -tocopheryl polyethylene glycol succinate nanoparticles. <i>Biomaterials</i> , 2006, 27, 4025-4033.	5.7	363
5	Cell or Cell Membrane-Based Drug Delivery Systems. <i>Theranostics</i> , 2015, 5, 863-881.	4.6	363
6	Erythrocyte Membrane-Enveloped Polymeric Nanoparticles as Nanovaccine for Induction of Antitumor Immunity against Melanoma. <i>ACS Nano</i> , 2015, 9, 6918-6933.	7.3	327
7	Pharmaceutical nanotechnology for oral delivery of anticancer drugs. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 880-890.	6.6	308
8	Recent Advances in the Application of Vitamin E TPGS for Drug Delivery. <i>Theranostics</i> , 2018, 8, 464-485.	4.6	283
9	Folate-decorated poly(lactide-co-glycolide)-vitamin E TPGS nanoparticles for targeted drug delivery. <i>Biomaterials</i> , 2007, 28, 1889-1899.	5.7	231
10	Nanoparticles of poly(lactide)/vitamin E TPGS copolymer for cancer chemotherapy: Synthesis, formulation, characterization and in vitro drug release. <i>Biomaterials</i> , 2006, 27, 262-270.	5.7	215
11	Induction of anti-tumor cytotoxic T cell responses through PLGA-nanoparticle mediated antigen delivery. <i>Biomaterials</i> , 2011, 32, 3666-3678.	5.7	208
12	Tumor Microenvironment Responsive Nanogel for the Combinatorial Antitumor Effect of Chemotherapy and Immunotherapy. <i>Nano Letters</i> , 2017, 17, 6366-6375.	4.5	202
13	TPGS-stabilized NaYbF ₄ :Er upconversion nanoparticles for dual-modal fluorescent/CT imaging and anticancer drug delivery to overcome multi-drug resistance. <i>Biomaterials</i> , 2015, 40, 107-116.	5.7	172
14	Intracellularly Generated Immunological Gold Nanoparticles for Combinatorial Photothermal Therapy and Immunotherapy against Tumor. <i>Nano Letters</i> , 2019, 19, 6635-6646.	4.5	159
15	Biodegradable Hollow Mesoporous Silica Nanoparticles for Regulating Tumor Microenvironment and Enhancing Antitumor Efficiency. <i>Theranostics</i> , 2017, 7, 3276-3292.	4.6	146
16	Paclitaxel drug delivery systems. <i>Expert Opinion on Drug Delivery</i> , 2013, 10, 325-340.	2.4	141
17	Chitosan- <i>g</i> -TPGS Nanoparticles for Anticancer Drug Delivery and Overcoming Multidrug Resistance. <i>Molecular Pharmaceutics</i> , 2014, 11, 59-70.	2.3	135
18	A safe, simple and efficient doxorubicin prodrug hybrid micelle for overcoming tumor multidrug resistance and targeting delivery. <i>Journal of Controlled Release</i> , 2016, 235, 182-194.	4.8	129

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19	α -Tocopherol Polyethylene Glycol Succinate-Based Redox-Sensitive Paclitaxel Prodrug for Overcoming Multidrug Resistance in Cancer Cells. <i>Molecular Pharmaceutics</i> , 2014, 11, 3196-3209.	2.3	127
20	In Vitro and In Vivo Investigation on PLA-TPGS Nanoparticles for Controlled and Sustained Small Molecule Chemotherapy. <i>Pharmaceutical Research</i> , 2008, 25, 1925-1935.	1.7	111
21	Lipid-enveloped hybrid nanoparticles for drug delivery. <i>Nanoscale</i> , 2013, 5, 860.	2.8	109
22	Nanoparticles of poly(lactide)-tocopheryl polyethylene glycol succinate (PLA-TPGS) copolymers for protein drug delivery. <i>Biomaterials</i> , 2007, 28, 2041-2050.	5.7	108
23	Co-delivery of Doxorubicin and Bmi1 siRNA by Folate Receptor Targeted Liposomes Exhibits Enhanced Anti-Tumor Effects <i>in vitro</i> and <i>in vivo</i> . <i>Theranostics</i> , 2014, 4, 1096-1111.	4.6	94
24	Immunogenic Hybrid Nanovesicles of Liposomes and Tumor-Derived Nanovesicles for Cancer Immunochemotherapy. <i>ACS Nano</i> , 2021, 15, 3123-3138.	7.3	90
25	Chemotherapeutic engineering: Vitamin E TPGS-emulsified nanoparticles of biodegradable polymers realized sustainable paclitaxel chemotherapy for 168h <i>in vivo</i> . <i>Chemical Engineering Science</i> , 2007, 62, 6641-6648.	1.9	87
26	Nitric Oxide Releasing α -Tocopheryl Polyethylene Glycol Succinate for Enhancing Antitumor Activity of Doxorubicin. <i>Molecular Pharmaceutics</i> , 2014, 11, 4118-4129.	2.3	86
27	Hydrophobic interaction mediating self-assembled nanoparticles of succinobucol suppress lung metastasis of breast cancer by inhibition of VCAM-1 expression. <i>Journal of Controlled Release</i> , 2015, 205, 162-171.	4.8	84
28	Reshaping Tumor Immune Microenvironment through Acidity-Responsive Nanoparticles Featured with CRISPR/Cas9-Mediated Programmed Death-Ligand 1 Attenuation and Chemotherapeutics-Induced Immunogenic Cell Death. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 16018-16030.	4.0	84
29	Extracellular vesicles based self-grown gold nanopopcorn for combinatorial chemo-photothermal therapy. <i>Biomaterials</i> , 2019, 197, 220-228.	5.7	80
30	pH-Sensitive Docetaxel-Loaded α -Tocopheryl Polyethylene Glycol Succinate-Poly(β -amino) Tj ETQq0 0 0 rgBT /Overlock 2636-2646.	2.6	79
31	A bone-targeted engineered exosome platform delivering siRNA to treat osteoporosis. <i>Bioactive Materials</i> , 2022, 10, 207-221.	8.6	79
32	In Vitro Investigation on Poly(lactide)-Tween 80 Copolymer Nanoparticles Fabricated by Dialysis Method for Chemotherapy. <i>Biomacromolecules</i> , 2006, 7, 1139-1146.	2.6	76
33	Self-assembled nanoparticles of poly(lactide)-Vitamin E TPGS copolymers for oral chemotherapy. <i>International Journal of Pharmaceutics</i> , 2006, 324, 191-198.	2.6	75
34	Nanomedicine for acute respiratory distress syndrome: The latest application, targeting strategy, and rational design. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 3060-3091.	5.7	74
35	Lipid-enveloped zinc phosphate hybrid nanoparticles for codelivery of H-2Kb and H-2Db-restricted antigenic peptides and monophosphoryl lipid A to induce antitumor immunity against melanoma. <i>Journal of Controlled Release</i> , 2016, 228, 26-37.	4.8	68
36	The application of nanotechnology in immune checkpoint blockade for cancer treatment. <i>Journal of Controlled Release</i> , 2018, 290, 28-45.	4.8	67

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37	Transformable Nanoparticle-Enabled Synergistic Elicitation and Promotion of Immunogenic Cell Death for Triple-Negative Breast Cancer Immunotherapy. <i>Advanced Functional Materials</i> , 2019, 29, 1905213.	7.8	65
38	Cdk5 knocking out mediated by CRISPR-Cas9 genome editing for PD-L1 attenuation and enhanced antitumor immunity. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 358-373.	5.7	61
39	Combination delivery of Adjuvin and Doxorubicin via integrating drug conjugation and nanocarrier approaches for the treatment of drug-resistant cancer cells. <i>Journal of Materials Chemistry B</i> , 2015, 3, 1556-1564.	2.9	55
40	Encapsulation of Hydrophilic and Hydrophobic Peptides into Hollow Mesoporous Silica Nanoparticles for Enhancement of Antitumor Immune Response. <i>Small</i> , 2017, 13, 1701741.	5.2	55
41	Vitamin E α -tocopheryl polyethylene glycol 1000 succinate-based nanomedicine. <i>Nanomedicine</i> , 2012, 7, 1645-1647.	1.7	51
42	Co-delivery of Doxorubicin and Interferon- β by Thermosensitive Nanoparticles for Cancer Immunochemotherapy. <i>Molecular Pharmaceutics</i> , 2018, 15, 4161-4172.	2.3	51
43	Nanoimmunotherapy: application of nanotechnology for sustained and targeted delivery of antigens to dendritic cells. <i>Nanomedicine</i> , 2012, 7, 1-4.	1.7	50
44	Immunochemotherapy mediated by thermosponge nanoparticles for synergistic anti-tumor effects. <i>Journal of Controlled Release</i> , 2018, 269, 322-336.	4.8	50
45	Enhanced tumor therapy via drug co-delivery and in situ vascular-promoting strategy. <i>Journal of Controlled Release</i> , 2017, 258, 108-120.	4.8	48
46	Combinational delivery of lipid-enveloped polymeric nanoparticles carrying different peptides for anti-tumor immunotherapy. <i>Nanomedicine</i> , 2014, 9, 635-647.	1.7	46
47	Nanotechnology based CRISPR/Cas9 system delivery for genome editing: Progress and prospect. <i>Nano Research</i> , 2019, 12, 2437-2450.	5.8	46
48	Nanoparticles Based on Poly (β -Amino Ester) and HPV16-Targeting CRISPR/shRNA as Potential Drugs for HPV16-Related Cervical Malignancy. <i>Molecular Therapy</i> , 2018, 26, 2443-2455.	3.7	43
49	Bone Marrow Dendritic Cells Derived Microvesicles for Combinational Immunochemotherapy against Tumor. <i>Advanced Functional Materials</i> , 2017, 27, 1703191.	7.8	42
50	Nanotechnology based therapeutic modality to boost anti-tumor immunity and collapse tumor defense. <i>Journal of Controlled Release</i> , 2017, 256, 26-45.	4.8	41
51	Cell-Derived Biogenetic Gold Nanoparticles for Sensitizing Radiotherapy and Boosting Immune Response against Cancer. <i>Small</i> , 2021, 17, e2103984.	5.2	38
52	Redox/pH dual-sensitive hybrid micelles for targeting delivery and overcoming multidrug resistance of cancer. <i>Journal of Materials Chemistry B</i> , 2017, 5, 2964-2978.	2.9	34
53	Biomimetic Nanovesicles for Enhanced Antitumor Activity of Combinational Photothermal and Chemotherapy. <i>Molecular Pharmaceutics</i> , 2018, 15, 1341-1352.	2.3	32
54	Co-Delivery of Paclitaxel and Interleukin-12 Regulating Tumor Microenvironment for Cancer Immunochemotherapy. <i>Advanced Healthcare Materials</i> , 2020, 9, e1901858.	3.9	32

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55	Combination of Chidamide-Mediated Epigenetic Modulation with Immunotherapy: Boosting Tumor Immunogenicity and Response to PD-1/PD-L1 Blockade. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 39003-39017.	4.0	31
56	d- α -Tocopheryl polyethylene glycol 1000 succinate (TPGS) modified poly(L-lactide) (PLLA) films for localized delivery of paclitaxel. <i>International Journal of Pharmaceutics</i> , 2008, 350, 166-171.	2.6	27
57	The novel platinum(IV) prodrug with self-assembly property and structure-transformable character against triple-negative breast cancer. <i>Biomaterials</i> , 2020, 232, 119751.	5.7	26
58	RGD-decorated redox-responsive d- α -tocopherol polyethylene glycol succinate-poly(lactide) nanoparticles for targeted drug delivery. <i>Journal of Materials Chemistry B</i> , 2016, 4, 2338-2350.	2.9	24
59	A facile doxorubicin-dichloroacetate conjugate nanomedicine with high drug loading for safe drug delivery. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 1281-1293.	3.3	24
60	Reinforcing the Combinational Immuno-Oncotherapy of Switching "Cold" Tumor to "Hot" by Responsive Penetrating Nanogels. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 36824-36838.	4.0	24
61	Enhancing cancer chemo-immunotherapy by biomimetic nanogel with tumor targeting capacity and rapid drug-releasing in tumor microenvironment. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 2550-2567.	5.7	22
62	Yeast Microcapsule Mediated Natural Products Delivery for Treating Ulcerative Colitis through Anti-Inflammatory and Regulation of Macrophage Polarization. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 31085-31098.	4.0	22
63	D- α -tocopherol polyethylene glycol succinate-based derivative nanoparticles as a novel carrier for paclitaxel delivery. <i>International Journal of Nanomedicine</i> , 2015, 10, 5219.	3.3	21
64	Immunogenicity and protective efficacy of DMT liposome-adjuvanted tuberculosis subunit CTT3H vaccine. <i>Human Vaccines and Immunotherapeutics</i> , 2015, 11, 1456-1464.	1.4	21
65	Star-shaped polymer of β -cyclodextrin-g-vitamin E TPGS for doxorubicin delivery and multidrug resistance inhibition. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 169, 10-19.	2.5	20
66	Tumor Lysate-Loaded Lipid Hybrid Nanovaccine Collaborated with an Immune Checkpoint Antagonist for Combination Immunotherapy. <i>Advanced Healthcare Materials</i> , 2019, 8, e1800837.	3.9	20
67	Bioinspired Nanovesicles Convert the Skeletal Endothelium-Associated Secretory Phenotype to Treat Osteoporosis. <i>ACS Nano</i> , 2022, 16, 11076-11091.	7.3	20
68	Antitumor activity of docetaxel-loaded polymeric nanoparticles fabricated by Shirasu porous glass membrane-emulsification technique. <i>International Journal of Nanomedicine</i> , 2013, 8, 2641.	3.3	19
69	Preventive effects of turmeric on the high-fat diet-induced hyperlipidaemia in mice associated with a targeted metabolomic approach for the analysis of serum lysophosphatidylcholine using LC-MS/MS. <i>Journal of Functional Foods</i> , 2014, 11, 130-141.	1.6	19
70	A sequentially responsive and structure-transformable nanoparticle with a comprehensively improved "CAPIR cascade" for enhanced antitumor effect. <i>Nanoscale</i> , 2019, 11, 1177-1194.	2.8	19
71	Micelle System Based on Molecular Economy Principle for Overcoming Multidrug Resistance and Inhibiting Metastasis. <i>Molecular Pharmaceutics</i> , 2018, 15, 1005-1016.	2.3	18
72	Selective self-induced stimulus amplification prodrug platform for inhibiting multidrug resistance and lung metastasis. <i>Journal of Controlled Release</i> , 2018, 284, 224-239.	4.8	18

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73	Improving tumor hypoxia and radiotherapy resistance via in situ nitric oxide release strategy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 150, 96-107.	2.0	17
74	Immunostimulatory cytokine and doxorubicin co-loaded nanovesicles for cancer immunochemotherapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 18, 66-77.	1.7	16
75	Injectable Liquid Crystal Formation System for Reshaping Tumor Immunosuppressive Microenvironment to Boost Antitumor Immunity: Postoperative Chemoimmunotherapy. <i>Small</i> , 2020, 16, e2004905.	5.2	16
76	Green tea extract-assembled nanoclusters for combinational photothermal and chemotherapy. <i>Journal of Materials Chemistry B</i> , 2019, 7, 5972-5982.	2.9	15
77	Copolymer technology for advanced nanomedicine. <i>Nanomedicine</i> , 2011, 6, 583-587.	1.7	13
78	Metal ions-mediated self-assembly of nanomedicine for combinational therapy against triple-negative breast cancer. <i>Chemical Engineering Journal</i> , 2021, 425, 131420.	6.6	13
79	All-in-one approaches for triple-negative breast cancer therapy: metal-phenolic nanoplatform for MR imaging-guided combinational therapy. <i>Journal of Nanobiotechnology</i> , 2022, 20, 226.	4.2	11
80	Progress and Prospects of Regulatory Functions Mediated by Nitric Oxide on Immunity and Immunotherapy. <i>Advanced Therapeutics</i> , 2021, 4, 2100032.	1.6	10
81	Bioreactor: Intelligent platform for drug delivery. <i>Nano Today</i> , 2022, 44, 101481.	6.2	10
82	Magnetic nanoparticle clusters radiosensitise human nasopharyngeal and lung cancer cells after alternating magnetic field treatment. <i>International Journal of Hyperthermia</i> , 2015, 31, 800-812.	1.1	9
83	pH-sensitive micelles with charge-reversible property for tumor growth inhibition and anti-metastasis. <i>Journal of Materials Chemistry B</i> , 2018, 6, 458-468.	2.9	9
84	Microplastics interact with SARS-CoV-2 and facilitate host cell infection. <i>Environmental Science: Nano</i> , 2022, 9, 2653-2664.	2.2	9
85	Radiosensitization of TPGS-emulsified docetaxel-loaded poly(lactic-co-glycolic acid) nanoparticles in CNE-1 and A549 cells. <i>Journal of Biomaterials Applications</i> , 2016, 30, 1127-1141.	1.2	7
86	Synthesis of polymer-inorganic patchy microcapsules with tunable patches. <i>European Polymer Journal</i> , 2013, 49, 3691-3701.	2.6	6
87	L-EGCG-Mn nanoparticles as a pH-sensitive MRI contrast agent. <i>Drug Delivery</i> , 2021, 28, 126-135.	2.5	4
88	Applications of Magnetite Nanoparticles in Cancer Immunotherapies: Present Hallmarks and Future Perspectives. <i>Frontiers in Immunology</i> , 2021, 12, 701485.	2.2	3
89	A magnetic resonance nanoprobe with STING activation character collaborates with platinum-based drug for enhanced tumor immunochemotherapy. <i>Journal of Nanobiotechnology</i> , 2021, 19, 415.	4.2	3
90	Genomic profiling by machine learning. , 2011, , .		1

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91	Novel redox-sensitive mixed micelle with enhanced antitumor activity. Journal of Controlled Release, 2015, 213, e148-e149.	4.8	1
92	Vitamin E TPGS as a Molecular Biomaterial for Drug Delivery. , 2014, , 939-981.		0
93	Copolymer Technology for Advanced Nanomedicine. , 2014, , 339-346.		0
94	In vitro and in vivo Investigation on PLA-TPGS Nanoparticles for Controlled and Sustained Small Molecule Chemotherapy. , 2014, , 157-178.		0