Tianjiao Ji

List of Publications by Year in descending order

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54 papers	4,787 citations	159525 30 h-index	161767 54 g-index
55 all docs	55 docs citations	55 times ranked	7787 citing authors

#	Article	IF	Citations
1	A doxorubicin delivery platform using engineered natural membrane vesicle exosomes for targeted tumor therapy. Biomaterials, 2014, 35, 2383-2390.	5.7	1,352
2	Sequentially Responsive Therapeutic Peptide Assembling Nanoparticles for Dual-Targeted Cancer Immunotherapy. Nano Letters, 2018, 18, 3250-3258.	4.5	255
3	Localized Electric Field of Plasmonic Nanoplatform Enhanced Photodynamic Tumor Therapy. ACS Nano, 2014, 8, 11529-11542.	7.3	220
4	Inducing enhanced immunogenic cell death with nanocarrier-based drug delivery systems for pancreatic cancer therapy. Biomaterials, 2016, 102, 187-197.	5.7	208
5	Designing Liposomes To Suppress Extracellular Matrix Expression To Enhance Drug Penetration and Pancreatic Tumor Therapy. ACS Nano, 2017, 11, 8668-8678.	7.3	175
6	Peptide Assembly Integration of Fibroblastâ€Targeting and Cellâ€Penetration Features for Enhanced Antitumor Drug Delivery. Advanced Materials, 2015, 27, 1865-1873.	11.1	158
7	Using Functional Nanomaterials to Target and Regulate the Tumor Microenvironment: Diagnostic and Therapeutic Applications. Advanced Materials, 2013, 25, 3508-3525.	11.1	154
8	Transformable Peptide Nanocarriers for Expeditious Drug Release and Effective Cancer Therapy via Cancerâ€Associated Fibroblast Activation. Angewandte Chemie - International Edition, 2016, 55, 1050-1055.	7.2	153
9	Neuropilin-1-Targeted Gold Nanoparticles Enhance Therapeutic Efficacy of Platinum(IV) Drug for Prostate Cancer Treatment. ACS Nano, 2014, 8, 4205-4220.	7.3	146
10	Photothermal Effect Enhanced Cascade-Targeting Strategy for Improved Pancreatic Cancer Therapy by Gold Nanoshell@Mesoporous Silica Nanorod. ACS Nano, 2017, 11, 8103-8113.	7.3	135
11	Nanoparticle-mediated local depletion of tumour-associated platelets disrupts vascular barriers and augments drug accumulation in tumours. Nature Biomedical Engineering, 2017, 1, 667-679.	11.6	132
12	â€œTriple-Punchâ€•Strategy for Triple Negative Breast Cancer Therapy with Minimized Drug Dosage and Improved Antitumor Efficacy. ACS Nano, 2015, 9, 1367-1378.	7.3	125
13	An MMP-2 Responsive Liposome Integrating Antifibrosis and Chemotherapeutic Drugs for Enhanced Drug Perfusion and Efficacy in Pancreatic Cancer. ACS Applied Materials & Interfaces, 2016, 8, 3438-3445.	4.0	119
14	Reshaping Prostate Tumor Microenvironment To Suppress Metastasis via Cancer-Associated Fibroblast Inactivation with Peptide-Assembly-Based Nanosystem. ACS Nano, 2019, 13, 12357-12371.	7.3	107
15	Deciphering the underlying mechanisms of oxidation-state dependent cytotoxicity of graphene oxide on mammalian cells. Toxicology Letters, 2015, 237, 61-71.	0.4	100
16	Multiple Layerâ€byâ€Layer Lipidâ€Polymer Hybrid Nanoparticles for Improved FOLFIRINOX Chemotherapy in Pancreatic Tumor Models. Advanced Functional Materials, 2015, 25, 788-798.	7.8	96
17	Multi-functionalized chitosan nanoparticles for enhanced chemotherapy in lung cancer. Carbohydrate Polymers, 2018, 195, 311-320.	5.1	68
18	Intravenous treatment of choroidal neovascularization by photo-targeted nanoparticles. Nature Communications, 2019, 10, 804.	5.8	67

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19	Self-assembled peptide nanoparticles as tumor microenvironment activatable probes for tumor targeting and imaging. Journal of Controlled Release, 2014, 177, 11-19.	4.8	62
20	Enhanced Natural Killer Cell Immunotherapy by Rationally Assembling Fc Fragments of Antibodies onto Tumor Membranes. Advanced Materials, 2019, 31, e1804395.	11.1	62
21	Tumor-Specific Silencing of Tissue Factor Suppresses Metastasis and Prevents Cancer-Associated Hypercoagulability. Nano Letters, 2019, 19, 4721-4730.	4.5	48
22	Polymer-tetrodotoxin conjugates to induce prolonged duration local anesthesia with minimal toxicity. Nature Communications, 2019, 10, 2566.	5.8	47
23	Nanoscale systems for local drug delivery. Nano Today, 2019, 28, 100765.	6.2	46
24	Tumor Fibroblast Specific Activation of a Hybrid Ferritin Nanocageâ€Based Optical Probe for Tumor Microenvironment Imaging. Small, 2013, 9, 2427-2431.	5.2	45
25	Chaperonin-GroEL as a Smart Hydrophobic Drug Delivery and Tumor Targeting Molecular Machine for Tumor Therapy. Nano Letters, 2018, 18, 921-928.	4.5	44
26	Functional peptide-based drug delivery systems. Journal of Materials Chemistry B, 2020, 8, 6517-6529.	2.9	42
27	Light-triggered release of conventional local anesthetics from a macromolecular prodrug for on-demand local anesthesia. Nature Communications, 2020, 11, 2323.	5.8	40
28	Dually Enzyme- and Acid-Triggered Self-Immolative Ketal Glycoside Nanoparticles for Effective Cancer Prodrug Monotherapy. Nano Letters, 2020, 20, 5465-5472.	4.5	37
29	NF-Î°B p65-dependent transcriptional regulation of histone deacetylase 2 contributes to the chronic constriction injury-induced neuropathic pain via the microRNA-183/TXNIP/NLRP3 axis. Journal of Neuroinflammation, 2020, 17, 225.	3.1	36
30	Suppression of Tumor Energy Supply by Liposomal Nanoparticle-Mediated Inhibition of Aerobic Glycolysis. ACS Applied Materials & Interfaces, 2018, 10, 2347-2353.	4.0	35
31	Fine-Tuned H-Ferritin Nanocage with Multiple Gold Clusters as Near-Infrared Kidney Specific Targeting Nanoprobe. Bioconjugate Chemistry, 2015, 26, 193-196.	1.8	30
32	Trends in the biological functions and medical applications of extracellular vesicles and analogues. Acta Pharmaceutica Sinica B, 2021, 11, 2114-2135.	5.7	30
33	Delivery of local anaesthetics by a self-assembled supramolecular system mimicking their interactions with a sodium channel. Nature Biomedical Engineering, 2021, 5, 1099-1109.	11.6	30
34	pHLIP-mediated targeting of truncated tissue factor to tumor vessels causes vascular occlusion and impairs tumor growth. Oncotarget, 2015, 6, 23523-23532.	0.8	29
35	Hollow Silica Nanoparticles Penetrate the Peripheral Nerve and Enhance the Nerve Blockade from Tetrodotoxin. Nano Letters, 2018, 18, 32-37.	4.5	29
36	Biodegradable magnesium implants: a potential scaffold for bone tumor patients. Science China Materials, 2021, 64, 1007-1020.	3.5	28

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37	Dopamine coating as a general and facile route to biofunctionalization of superparamagnetic Fe3O4 nanoparticles for magnetic separation of proteins. RSC Advances, 2014, 4, 6657.	1.7	26
38	Improvement of Stability and Efficacy of C16Y Therapeutic Peptide via Molecular Self-Assembly into Tumor-Responsive Nanoformulation. Molecular Cancer Therapeutics, 2015, 14, 2390-2400.	1.9	26
39	Nanoscale Bupivacaine Formulations To Enhance the Duration and Safety of Intravenous Regional Anesthesia. ACS Nano, 2019, 13, 18-25.	7.3	25
40	Tumor Microenvironmentâ€“Responsive Peptide-Based Supramolecular Drug Delivery System. Frontiers in Chemistry, 2020, 8, 549.	1.8	23
41	Transformable Peptide Nanocarriers for Expeditious Drug Release and Effective Cancer Therapy via Cancerâ€Associated Fibroblast Activation. Angewandte Chemie, 2016, 128, 1062-1067.	1.6	22
42	Enhanced Triggering of Local Anesthetic Particles by Photosensitization and Photothermal Effect Using a Common Wavelength. Nano Letters, 2017, 17, 7138-7145.	4.5	22
43	BaTiO3-core Au-shell nanoparticles for photothermal therapy and bimodal imaging. Acta Biomaterialia, 2018, 72, 287-294.	4.1	22
44	Enhanced Antitumor Immune Responses via a Self-Assembled Carrier-Free Nanovaccine. Nano Letters, 2021, 21, 3965-3973.	4.5	20
45	Functionalized Multiarmed Polycaprolactones as Biocompatible Tissue Adhesives. ACS Applied Materials & Interfaces, 2020, 12, 17314-17320.	4.0	19
46	Ferritin nanocages for early theranostics of tumors via inflammation-enhanced active targeting. Science China Life Sciences, 2022, 65, 328-340.	2.3	16
47	Modular ketal-linked prodrugs and biomaterials enabled by organocatalytic transisopropenylation of alcohols. Nature Communications, 2021, 12, 5532.	5.8	15
48	Improvement of the in vitro safety profile and cytoprotective efficacy of amifostine against chemotherapy by PEGylation strategy. Biochemical Pharmacology, 2016, 108, 11-21.	2.0	14
49	Doxorubicin and CpG loaded liposomal spherical nucleic acid for enhanced Cancer treatment. Journal of Nanobiotechnology, 2022, 20, 140.	4.2	10
50	Predicting the tissue depth for remote triggering of drug delivery systems. Journal of Controlled Release, 2018, 286, 55-63.	4.8	8
51	Nanotechnological strategies for prostate cancer imaging and diagnosis. Science China Chemistry, 2022, 65, 1498-1514.	4.2	8
52	Using scaffolds as drug delivery systems to treat bone tumor. Nanotechnology, 2022, 33, 212002.	1.3	7
53	The Duration of Nerve Block from Local Anesthetic Formulations in Male and Female Rats. Pharmaceutical Research, 2019, 36, 179.	1.7	4
54	Editorial: Supramolecular Assembly Based Functional Nanostructures for Biomedical Applications. Frontiers in Chemistry, 2020, 8, 637926.	1.8	1