

# Tianjiao Ji

## List of Publications by Year in descending order

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54  
papers

4,787  
citations

159358

30  
h-index

161609

54  
g-index

55  
all docs

55  
docs citations

55  
times ranked

7787  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ferritin nanocages for early theranostics of tumors via inflammation-enhanced active targeting. <i>Science China Life Sciences</i> , 2022, 65, 328-340.	2.3	16
2	Using scaffolds as drug delivery systems to treat bone tumor. <i>Nanotechnology</i> , 2022, 33, 212002.	1.3	7
3	Doxorubicin and CpG loaded liposomal spherical nucleic acid for enhanced Cancer treatment. <i>Journal of Nanobiotechnology</i> , 2022, 20, 140.	4.2	10
4	Nanotechnological strategies for prostate cancer imaging and diagnosis. <i>Science China Chemistry</i> , 2022, 65, 1498-1514.	4.2	8
5	Biodegradable magnesium implants: a potential scaffold for bone tumor patients. <i>Science China Materials</i> , 2021, 64, 1007-1020.	3.5	28
6	Enhanced Antitumor Immune Responses via a Self-Assembled Carrier-Free Nanovaccine. <i>Nano Letters</i> , 2021, 21, 3965-3973.	4.5	20
7	Trends in the biological functions and medical applications of extracellular vesicles and analogues. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 2114-2135.	5.7	30
8	Modular ketal-linked prodrugs and biomaterials enabled by organocatalytic transisopropenylation of alcohols. <i>Nature Communications</i> , 2021, 12, 5532.	5.8	15
9	Delivery of local anaesthetics by a self-assembled supramolecular system mimicking their interactions with a sodium channel. <i>Nature Biomedical Engineering</i> , 2021, 5, 1099-1109.	11.6	30
10	Tumor Microenvironment-Responsive Peptide-Based Supramolecular Drug Delivery System. <i>Frontiers in Chemistry</i> , 2020, 8, 549.	1.8	23
11	NF- $\kappa$ 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. <i>Journal of Neuroinflammation</i> , 2020, 17, 225.	3.1	36
12	Light-triggered release of conventional local anesthetics from a macromolecular prodrug for on-demand local anesthesia. <i>Nature Communications</i> , 2020, 11, 2323.	5.8	40
13	Dually Enzyme- and Acid-Triggered Self-Immolative Ketal Glycoside Nanoparticles for Effective Cancer Prodrug Monotherapy. <i>Nano Letters</i> , 2020, 20, 5465-5472.	4.5	37
14	Functionalized Multiarmed Polycaprolactones as Biocompatible Tissue Adhesives. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 17314-17320.	4.0	19
15	Functional peptide-based drug delivery systems. <i>Journal of Materials Chemistry B</i> , 2020, 8, 6517-6529.	2.9	42
16	Editorial: Supramolecular Assembly Based Functional Nanostructures for Biomedical Applications. <i>Frontiers in Chemistry</i> , 2020, 8, 637926.	1.8	1
17	Enhanced Natural Killer Cell Immunotherapy by Rationally Assembling Fc Fragments of Antibodies onto Tumor Membranes. <i>Advanced Materials</i> , 2019, 31, e1804395.	11.1	62
18	The Duration of Nerve Block from Local Anesthetic Formulations in Male and Female Rats. <i>Pharmaceutical Research</i> , 2019, 36, 179.	1.7	4

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19	Nanoscale systems for local drug delivery. <i>Nano Today</i> , 2019, 28, 100765.	6.2	46
20	Reshaping Prostate Tumor Microenvironment To Suppress Metastasis <i>via</i> Cancer-Associated Fibroblast Inactivation with Peptide-Assembly-Based Nanosystem. <i>ACS Nano</i> , 2019, 13, 12357-12371.	7.3	107
21	Tumor-Specific Silencing of Tissue Factor Suppresses Metastasis and Prevents Cancer-Associated Hypercoagulability. <i>Nano Letters</i> , 2019, 19, 4721-4730.	4.5	48
22	Polymer-tetrodotoxin conjugates to induce prolonged duration local anesthesia with minimal toxicity. <i>Nature Communications</i> , 2019, 10, 2566.	5.8	47
23	Intravenous treatment of choroidal neovascularization by photo-targeted nanoparticles. <i>Nature Communications</i> , 2019, 10, 804.	5.8	67
24	Nanoscale Bupivacaine Formulations To Enhance the Duration and Safety of Intravenous Regional Anesthesia. <i>ACS Nano</i> , 2019, 13, 18-25.	7.3	25
25	Sequentially Responsive Therapeutic Peptide Assembling Nanoparticles for Dual-Targeted Cancer Immunotherapy. <i>Nano Letters</i> , 2018, 18, 3250-3258.	4.5	255
26	Chaperonin-GroEL as a Smart Hydrophobic Drug Delivery and Tumor Targeting Molecular Machine for Tumor Therapy. <i>Nano Letters</i> , 2018, 18, 921-928.	4.5	44
27	Suppression of Tumor Energy Supply by Liposomal Nanoparticle-Mediated Inhibition of Aerobic Glycolysis. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 2347-2353.	4.0	35
28	Multi-functionalized chitosan nanoparticles for enhanced chemotherapy in lung cancer. <i>Carbohydrate Polymers</i> , 2018, 195, 311-320.	5.1	68
29	BaTiO <sub>3</sub> -core Au-shell nanoparticles for photothermal therapy and bimodal imaging. <i>Acta Biomaterialia</i> , 2018, 72, 287-294.	4.1	22
30	Hollow Silica Nanoparticles Penetrate the Peripheral Nerve and Enhance the Nerve Blockade from Tetrodotoxin. <i>Nano Letters</i> , 2018, 18, 32-37.	4.5	29
31	Predicting the tissue depth for remote triggering of drug delivery systems. <i>Journal of Controlled Release</i> , 2018, 286, 55-63.	4.8	8
32	Enhanced Triggering of Local Anesthetic Particles by Photosensitization and Photothermal Effect Using a Common Wavelength. <i>Nano Letters</i> , 2017, 17, 7138-7145.	4.5	22
33	Photothermal Effect Enhanced Cascade-Targeting Strategy for Improved Pancreatic Cancer Therapy by Gold Nanoshell@Mesoporous Silica Nanorod. <i>ACS Nano</i> , 2017, 11, 8103-8113.	7.3	135
34	Nanoparticle-mediated local depletion of tumour-associated platelets disrupts vascular barriers and augments drug accumulation in tumours. <i>Nature Biomedical Engineering</i> , 2017, 1, 667-679.	11.6	132
35	Designing Liposomes To Suppress Extracellular Matrix Expression To Enhance Drug Penetration and Pancreatic Tumor Therapy. <i>ACS Nano</i> , 2017, 11, 8668-8678.	7.3	175
36	Transformable Peptide Nanocarriers for Expeditious Drug Release and Effective Cancer Therapy via Cancer-Associated Fibroblast Activation. <i>Angewandte Chemie</i> , 2016, 128, 1062-1067.	1.6	22

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37	Transformable Peptide Nanocarriers for Expeditious Drug Release and Effective Cancer Therapy via Cancer-Associated Fibroblast Activation. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1050-1055.	7.2	153
38	Inducing enhanced immunogenic cell death with nanocarrier-based drug delivery systems for pancreatic cancer therapy. <i>Biomaterials</i> , 2016, 102, 187-197.	5.7	208
39	An MMP-2 Responsive Liposome Integrating Antifibrosis and Chemotherapeutic Drugs for Enhanced Drug Perfusion and Efficacy in Pancreatic Cancer. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 3438-3445.	4.0	119
40	Improvement of the in vitro safety profile and cytoprotective efficacy of amifostine against chemotherapy by PEGylation strategy. <i>Biochemical Pharmacology</i> , 2016, 108, 11-21.	2.0	14
41	pHLIP-mediated targeting of truncated tissue factor to tumor vessels causes vascular occlusion and impairs tumor growth. <i>Oncotarget</i> , 2015, 6, 23523-23532.	0.8	29
42	Peptide Assembly Integration of Fibroblast-Targeting and Cell-Penetration Features for Enhanced Antitumor Drug Delivery. <i>Advanced Materials</i> , 2015, 27, 1865-1873.	11.1	158
43	Fine-Tuned H-Ferritin Nanocage with Multiple Gold Clusters as Near-Infrared Kidney Specific Targeting Nanoprobe. <i>Bioconjugate Chemistry</i> , 2015, 26, 193-196.	1.8	30
44	“Triple-Punch” Strategy for Triple Negative Breast Cancer Therapy with Minimized Drug Dosage and Improved Antitumor Efficacy. <i>ACS Nano</i> , 2015, 9, 1367-1378.	7.3	125
45	Deciphering the underlying mechanisms of oxidation-state dependent cytotoxicity of graphene oxide on mammalian cells. <i>Toxicology Letters</i> , 2015, 237, 61-71.	0.4	100
46	Improvement of Stability and Efficacy of C16Y Therapeutic Peptide via Molecular Self-Assembly into Tumor-Responsive Nanoformulation. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 2390-2400.	1.9	26
47	Multiple Layer-by-Layer Lipid-Polymer Hybrid Nanoparticles for Improved FOLFIRINOX Chemotherapy in Pancreatic Tumor Models. <i>Advanced Functional Materials</i> , 2015, 25, 788-798.	7.8	96
48	Self-assembled peptide nanoparticles as tumor microenvironment activatable probes for tumor targeting and imaging. <i>Journal of Controlled Release</i> , 2014, 177, 11-19.	4.8	62
49	A doxorubicin delivery platform using engineered natural membrane vesicle exosomes for targeted tumor therapy. <i>Biomaterials</i> , 2014, 35, 2383-2390.	5.7	1,352
50	Localized Electric Field of Plasmonic Nanoplatfrom Enhanced Photodynamic Tumor Therapy. <i>ACS Nano</i> , 2014, 8, 11529-11542.	7.3	220
51	Dopamine coating as a general and facile route to biofunctionalization of superparamagnetic Fe <sub>3</sub> O <sub>4</sub> nanoparticles for magnetic separation of proteins. <i>RSC Advances</i> , 2014, 4, 6657.	1.7	26
52	Neuropilin-1-Targeted Gold Nanoparticles Enhance Therapeutic Efficacy of Platinum(IV) Drug for Prostate Cancer Treatment. <i>ACS Nano</i> , 2014, 8, 4205-4220.	7.3	146
53	Using Functional Nanomaterials to Target and Regulate the Tumor Microenvironment: Diagnostic and Therapeutic Applications. <i>Advanced Materials</i> , 2013, 25, 3508-3525.	11.1	154
54	Tumor Fibroblast Specific Activation of a Hybrid Ferritin Nanocage-Based Optical Probe for Tumor Microenvironment Imaging. <i>Small</i> , 2013, 9, 2427-2431.	5.2	45