Xin-Yu Wang

List of Publications by Year
in descending order

46 papers	3,049 citations	249298 26 h-index	263392 45 g-index
50 all docs	50 docs citations	50 times ranked	5377 citing authors

#	Article	IF	Citations
1	Optimizing the performance of ⁶⁸Ga labeled FSHR ligand in prostate cancer model by co-administration of aprotinin. International Journal of Radiation Biology, 2022, 98, 1571-1580.	1.0	0
2	Engineering polyphenol-based polymeric nanoparticles for drug delivery and bioimaging. Chemical Engineering Journal, 2022, 439, 135661.	6.6	48
3	Feasibility study of 68Ga-labeled CARÂT cells for in vivo tracking using micro-positron emission tomography imaging. Acta Pharmacologica Sinica, 2021, 42, 824-831.	2.8	18
4	ROSâ€Responsive Boronateâ€Stabilized Polyphenolâ€“Poloxamer 188 Assembled Dexamethasone Nanodrug for Macrophage Repolarization in Osteoarthritis Treatment. Advanced Healthcare Materials, 2021, 10, e2100883.	3.9	40
5	Pharmacokinetic and pharmacodynamic studies of CD19 CAR T cell in human leukaemic xenograft models with dualâ€modality imaging. Journal of Cellular and Molecular Medicine, 2021, 25, 7451-7461.	1.6	5
6	Quantitative radio-thin-layer chromatography and positron emission tomography studies for measuring streptavidin transduced chimeric antigen receptor T cells. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2021, 1182, 122944.	1.2	4
7	Cationic poly(amide-imide)-conjugated camptothecin prodrug with variable nanomorphology for efficient reductive-responsive drug delivery. European Polymer Journal, 2020, 123, 109462.	2.6	6
8	Transcription factor Kruppel-like factor 5 positively regulates the expression of AarF domain containing kinase 4. Molecular Biology Reports, 2020, 47, 8419-8427.	1.0	3
9	In Vivo Tracking of Fluorinated Polypeptide Gene Carriers by Positron Emission Tomography Imaging. ACS Applied Materials & Interfaces, 2020, 12, 45763-45771.	4.0	21
10	Oral delivery of anti-TNF antibody shielded by natural polyphenol-mediated supramolecular assembly for inflammatory bowel disease therapy. Theranostics, 2020, 10, 10808-10822.	4.6	54
11	In vivo SPECT imaging of an 131I-labeled PM 2.5 mimic substitute. Nuclear Science and Techniques/Hewuli, 2020, 31, 1.	1.3	4
12	An elastic gel consisting of natural polyphenol and pluronic for simultaneous dura sealing and treatment of spinal cord injury. Journal of Controlled Release, 2020, 323, 613-623.	4.8	25
13	Synthesis of a novel 89Zr-labeled HER2 affibody and its application study in tumor PET imaging. EJNMMI Research, 2020, 10, 58.	1.1	11
14	PET imaging of a ⁶⁸Ga labeled modified HER2 affibody in breast cancers: from xenografts to patients. British Journal of Radiology, 2019, 92, 20190425.	1.0	17
15	Doxorubicin loaded ferritin nanoparticles for ferroptosis enhanced targeted killing of cancer cells. RSC Advances, 2019, 9, 28548-28553.	1.7	33
16	Nanoparticle ferritin-bound erastin and rapamycin: a nanodrug combining autophagy and ferroptosis for anticancer therapy. Biomaterials Science, 2019, 7, 3779-3787.	2.6	65
17	Combinatory effects of vaccinia virus VG9 and the STAT3 inhibitor Stattic on cancer therapy. Archives of Virology, 2019, 164, 1805-1814.	0.9	5
18	Self-Assembling Nonconjugated Poly(amide-imide) into Thermoresponsive Nanovesicles with Unexpected Red Fluorescence for Bioimaging. Biomacromolecules, 2019, 20, 1455-1463.	2.6	16

#	Article	IF	Citations
19	Melanin-based nanoparticles in biomedical applications: From molecular imaging to treatment of diseases. Chinese Chemical Letters, 2019, 30, 533-540.	4.8	41
20	Theranostic radioiodine-labelled melanin nanoparticles inspired by clinical brachytherapy seeds. Journal of Materials Chemistry B, 2018, 6, 8163-8169.	2.9	16
21	Foe to Friend: Supramolecular Nanomedicines Consisting of Natural Polyphenols and Bortezomib. Nano Letters, 2018, 18, 7045-7051.	4.5	109
22	Rational Design of Polyphenol-Poloxamer Nanovesicles for Targeting Inflammatory Bowel Disease Therapy. Chemistry of Materials, 2018, 30, 4073-4080.	3.2	87
23	Polyphenolâ€“Poloxamer Selfâ€Assembled Supramolecular Nanoparticles for Tumor NIRF/PET Imaging. Advanced Healthcare Materials, 2018, 7, e1701505.	3.9	61
24	Age-related change of GLP-1R expression in rats can be detected by [18F]AlF-NOTA-MAL-Cys39-exendin-4. Brain Research, 2018, 1698, 213-219.	1.1	10
25	A smart aminoglycoside hydrogel with tunable gel degradation, on-demand drug release, and high antibacterial activity. Journal of Controlled Release, 2017, 247, 145-152.	4.8	148
26	A Polydopamine Nanoparticle-Knotted Poly(ethylene glycol) Hydrogel for On-Demand Drug Delivery and Chemo-photothermal Therapy. Chemistry of Materials, 2017, 29, 1370-1376.	3.2	182
27	Dynamic Modulation of Enzyme Activity by Nearâ€Infrared Light. Angewandte Chemie - International Edition, 2017, 56, 6767-6772.	7.2	86
28	Dynamic Modulation of Enzyme Activity by Nearâ€Infrared Light. Angewandte Chemie, 2017, 129, 6871-6876.	1.6	28
29	Oneâ€pot synthesis of soluble and fluorescent aliphatic hyperbranched poly(amideâ€imide) with solventâ€dependent emission. Journal of Polymer Science Part A, 2017, 55, 2053-2060.	2.5	12
30	Osteotropic peptide-mediated bone targeting for photothermal treatment of bone tumors. Biomaterials, 2017, 114, 97-105.	5.7	57
31	PET Imaging of FSHR Expression in Tumors with ⁶⁸Ga-Labeled FSH1 Peptide. Contrast Media and Molecular Imaging, 2017, 2017, 1-8.	0.4	4
32	PET of HER2 Expression with a Novel ¹⁸FAl Labeled Affibody. Journal of Cancer, 2017, 8, 1170-1178.	1.2	24
33	Screening of efficient siRNA carriers in a library of surface-engineered dendrimers. Scientific Reports, 2016, 6, 25069.	1.6	37
34	Injectable and responsively degradable hydrogel for personalized photothermal therapy. Biomaterials, 2016, 104, 129-137.	5.7	87
35	Bone and metal targeted polymeric nanoparticles (US20150125391 A1): a patent evaluation. Expert Opinion on Therapeutic Patents, 2016, 26, 987-991.	2.4	1
36	A Facile Strategy to Prepare Dendrimer-stabilized Gold Nanorods with Sub-10-nm Size for Efficient Photothermal Cancer Therapy. Scientific Reports, 2016, 6, 22764.	1.6	29

#	Article	IF	Citations
37	Multi-responsive photothermal-chemotherapy with drug-loaded melanin-like nanoparticles for synergetic tumor ablation. Biomaterials, 2016, 81, 114-124.	5.7	362
38	Near infrared light-responsive and injectable supramolecular hydrogels for on-demand drug delivery. Chemical Communications, 2016, 52, 978-981.	2.2	134
39	Trifolium-like Platinum Nanoparticle-Mediated Photothermal Therapy Inhibits Tumor Growth and Osteolysis in a Bone Metastasis Model. Small, 2015, 11, 2080-2086.	5.2	87
40	Triggered release of anticancer drugs from PEGylated polydopamine nanospheres by near-infrared light. Journal of Controlled Release, 2015, 213, e122.	4.8	5
41	Mitochondrial targeting dendrimer allows efficient and safe gene delivery. Journal of Materials Chemistry B, 2014, 2, 2546-2553.	2.9	50
42	Surface-Engineered Dendrimers with a Diaminododecane Core Achieve Efficient Gene Transfection and Low Cytotoxicity. Bioconjugate Chemistry, 2014, 25, 342-350.	1.8	44
43	Generation 9 Polyamidoamine Dendrimer Encapsulated Platinum Nanoparticle Mimics Catalase Size, Shape, and Catalytic Activity. Langmuir, 2013, 29, 5262-5270.	1.6	74
44	Glutathione-Triggered â€œOffâ€“Onâ€•Release of Anticancer Drugs from Dendrimer-Encapsulated Gold Nanoparticles. Journal of the American Chemical Society, 2013, 135, 9805-9810.	6.6	198
45	Anti-PEG IgM elicited by injection of liposomes is involved in the enhanced blood clearance of a subsequent dose of PEGylated liposomes. Journal of Controlled Release, 2007, 119, 236-244.	4.8	368
46	PEGylated liposomes elicit an anti-PEG IgM response in a T cell-independent manner. Journal of Controlled Release, 2007, 122, 349-355.	4.8	333