

Zhiqiang Lin

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,125
citations

430874

18
h-index

395702

33
g-index

35
all docs

35
docs citations

35
times ranked

2053
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel thermo-sensitive hydrogel system with paclitaxel nanocrystals: High drug-loading, sustained drug release and extended local retention guaranteeing better efficacy and lower toxicity. <i>Journal of Controlled Release</i> , 2014, 174, 161-170.	9.9	173
2	A transistor-like pH nanoprobe for tumour detection and image-guided surgery. <i>Nature Biomedical Engineering</i> , 2017, 1, .	22.5	163
3	Molecular basis of cooperativity in pH-triggered supramolecular self-assembly. <i>Nature Communications</i> , 2016, 7, 13214.	12.8	98
4	The deubiquitinase OTUD1 enhances iron transport and potentiates host antitumor immunity. <i>EMBO Reports</i> , 2021, 22, e51162.	4.5	72
5	A novel localized co-delivery system with lapatinib microparticles and paclitaxel nanoparticles in a peritumorally injectable in situ hydrogel. <i>Journal of Controlled Release</i> , 2015, 220, 189-200.	9.9	59
6	A folate modified pH sensitive targeted polymeric micelle alleviated systemic toxicity of doxorubicin (DOX) in multi-drug resistant tumor bearing mice. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 76, 95-101.	4.0	51
7	The use of $\hat{1}\pm$ -conotoxin Iml to actualize the targeted delivery of paclitaxel micelles to $\hat{1}\pm 7$ nAChR-overexpressing breast cancer. <i>Biomaterials</i> , 2015, 42, 52-65.	11.4	44
8	Platelet membrane-cloaked paclitaxel-nanocrystals augment postoperative chemotherapeutical efficacy. <i>Journal of Controlled Release</i> , 2020, 324, 341-353.	9.9	41
9	The impact of a chlorotoxin-modified liposome system on receptor MMP-2 and the receptor-associated protein CIC-3. <i>Biomaterials</i> , 2014, 35, 5908-5920.	11.4	40
10	Manganese nanodepot augments host immune response against coronavirus. <i>Nano Research</i> , 2021, 14, 1260-1272.	10.4	37
11	Advances in pH-responsive drug delivery systems. <i>OpenNano</i> , 2021, 5, 100031.	4.8	35
12	A comparative study of thermo-sensitive hydrogels with water-insoluble paclitaxel in molecule, nanocrystal and microcrystal dispersions. <i>Nanoscale</i> , 2015, 7, 14838-14847.	5.6	34
13	Discovery of 2,4-diarylaminopyrimidine derivatives bearing dithiocarbamate moiety as novel FAK inhibitors with antitumor and anti-angiogenesis activities. <i>European Journal of Medicinal Chemistry</i> , 2019, 177, 32-46.	5.5	31
14	Manganese-based multifunctional nanoplatform for dual-modal imaging and synergistic therapy of breast cancer. <i>Acta Biomaterialia</i> , 2022, 141, 429-439.	8.3	24
15	Actively priming autophagic cell death with novel transferrin receptor-targeted nanomedicine for synergistic chemotherapy against breast cancer. <i>Acta Pharmaceutica Sinica B</i> , 2019, 9, 1061-1077.	12.0	23
16	A multi-functionalized nanocomposite constructed by gold nanorod core with triple-layer coating to combat multidrug resistant colorectal cancer. <i>Materials Science and Engineering C</i> , 2020, 107, 110224.	7.3	23
17	A comparative investigation between paclitaxel nanoparticle- and nanocrystal-loaded thermosensitive PECT hydrogels for peri-tumoural administration. <i>Nanoscale</i> , 2016, 8, 18782-18791.	5.6	22
18	PTEN $\hat{1}\pm$ functions as an immune suppressor and promotes immune resistance in PTEN-mutant cancer. <i>Nature Communications</i> , 2021, 12, 5147.	12.8	20

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19	A personalized and long-acting local therapeutic platform combining photothermal therapy and chemotherapy for the treatment of multidrug-resistant colon tumor. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 8411-8427.	6.7	19
20	The co-delivery of a low-dose P-glycoprotein inhibitor with doxorubicin sterically stabilized liposomes against breast cancer with low P-glycoprotein expression. <i>International Journal of Nanomedicine</i> , 2014, 9, 3425.	6.7	17
21	Erythrocyte-mimicking paclitaxel nanoparticles for improving biodistributions of hydrophobic drugs to enhance antitumor efficacy. <i>Drug Delivery</i> , 2020, 27, 387-399.	5.7	16
22	Discovery and structure-activity relationship of novel 4-hydroxy-thiazolidine-2-thione derivatives as tumor cell specific pyruvate kinase M2 activators. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 48-65.	5.5	15
23	The use of electronic-neutral penetrating peptides cyclosporin A to deliver pro-apoptotic peptide: A possibly better choice than positively charged TAT. <i>Journal of Controlled Release</i> , 2017, 261, 174-186.	9.9	13
24	Design, synthesis and biological evaluation of novel dithiocarbamate-substituted diphenylaminopyrimidine derivatives as BTK inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 4124-4142.	3.0	10
25	Preparation, characterization and in vitro/in vivo evaluation of bortezomib supermolecular aggregation nanovehicles. <i>Journal of Nanobiotechnology</i> , 2020, 18, 57.	9.1	10
26	Fabrication and Characterization of Calcium-Phosphate Lipid System for Potential Dental Application. <i>Frontiers in Chemistry</i> , 2020, 8, 161.	3.6	8
27	New mouse xenograft model modulated by tumor-associated fibroblasts for human multi-drug resistance in cancer. <i>Oncology Reports</i> , 2015, 34, 2699-2705.	2.6	7
28	Glutathione-Priming Nanoreactors Enable Fluorophore Core/Shell Transition for Precision Cancer Imaging. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 33667-33675.	8.0	5
29	The Use of a Hydrophobic Binding Peptide Modified Lipid Nanocarrier Improving Tumor Distribution and Antitumor Efficacy. <i>Journal of Biomedical Nanotechnology</i> , 2016, 12, 1183-1198.	1.1	4
30	Off-on fluorescence imaging-guided cancer diagnosis and multi-modal therapy. <i>Biomaterials Science</i> , 2020, 8, 1442-1454.	5.4	3
31	Synthesis of novel sulfonamide derivatives containing pyridin-3-ylmethyl 4-(benzoyl)piperazine-1-carbodithioate moiety as potent PKM2 activators. <i>Bioorganic Chemistry</i> , 2021, 108, 104653.	4.1	3
32	A Gradient pH-Sensitive Polymer-Based Antiviral Strategy via Viroporin-Induced Membrane Acidification. <i>Advanced Materials</i> , 2022, 34, e2109580.	21.0	3
33	A Gradient pH-Sensitive Polymer-Based Antiviral Strategy via Viroporin-Induced Membrane Acidification (<i>Adv. Mater.</i> 18/2022). <i>Advanced Materials</i> , 2022, 34, .	21.0	1