Tao Liu

List of Publications by Year
in descending order

22 papers	476 citations	840119 11 h-index	713013 21 g-index
22 all docs	22 docs citations	22 times ranked	875 citing authors

#	Article	IF	Citations
1	Star-shaped cyclodextrin-poly(l-lysine) derivative co-delivering docetaxel and MMP-9 siRNA plasmid in cancer therapy. Biomaterials, 2014, 35, 3865-3872.	5.7	106
2	Injectable supramolecular hydrogel formed from Î±-cyclodextrin and PEGylated arginine-functionalized poly(l-lysine) dendron for sustained MMP-9 shRNA plasmid delivery. Acta Biomaterialia, 2017, 49, 456-471.	4.1	70
3	Expression of folate receptors in nasopharyngeal and laryngeal carcinoma and folate receptor-mediated endocytosis by molecular targeted nanomedicine. International Journal of Nanomedicine, 2013, 8, 2443.	3.3	47
4	Long noncoding RNA FOXD2-AS1 enhances chemotherapeutic resistance of laryngeal squamous cell carcinoma via STAT3 activation. Cell Death and Disease, 2020, 11, 41.	2.7	33
5	Preparation, Characterization, and Release Behavior of Doxorubicin hydrochloride from Dual Cross-Linked Chitosan/Alginate Hydrogel Beads. ACS Applied Bio Materials, 2020, 3, 3057-3065.	2.3	27
6	Transferrin-targeting redox hyperbranched poly(amido amine)-functionalized graphene oxide for sensitized chemotherapy combined with gene therapy to nasopharyngeal carcinoma. Drug Delivery, 2019, 26, 744-755.	2.5	22
7	A soft metal-polyphenol capsule-based ultrasensitive immunoassay for electrochemical detection of Epstein-Barr (EB) virus infection. Biosensors and Bioelectronics, 2020, 164, 112310.	5.3	20
8	F-127-PEI co-delivering docetaxel and TFPI-2 plasmid for nasopharyngeal cancer therapy. Materials Science and Engineering C, 2016, 61, 269-277.	3.8	19
9	Transferrin-functionalized chitosan-graft-poly(l-lysine) dendrons as a high-efficiency gene delivery carrier for nasopharyngeal carcinoma therapy. Journal of Materials Chemistry B, 2018, 6, 4314-4325.	2.9	19
10	MWNT-hybrided supramolecular hydrogel for hydrophobic camptothecin delivery. Materials Science and Engineering C, 2015, 50, 294-299.	3.8	18
11	Folate-targeted star-shaped cationic copolymer co-delivering docetaxel and MMP-9 siRNA for nasopharyngeal carcinoma therapy. Oncotarget, 0, 7, 42017-42030.	0.8	18
12	Heparin-modified graphene oxide loading anti-cancer drug and growth factor with heat stability, long-term release property and lower cytotoxicity. RSC Advances, 2015, 5, 84334-84342.	1.7	13
13	Multifunctional magnetic co-delivery system coated with polymer mPEG-PLL-FA for nasopharyngeal cancer targeted therapy and MR imaging. Journal of Biomaterials Applications, 2017, 31, 1169-1181.	1.2	12
14	Dual-responsive TPGS crosslinked nanocarriers to overcome multidrug resistance. Journal of Materials Chemistry B, 2020, 8, 8383-8394.	2.9	11
15	A cationic polymeric prodrug with chemotherapeutic self-sensibilization co-delivering MMP-9 shRNA plasmid for a combined therapy to nasopharyngeal carcinoma. Drug Delivery, 2019, 26, 1280-1291.	2.5	7
16	Serum- and glucocorticoid-inducible kinase 3 is a potential oncogene in nasopharyngeal carcinoma. Brazilian Journal of Otorhinolaryngology, 2019, 85, 705-715.	0.4	6
17	PMAA nanogel controllably releases anti-IL-1Î² IgY for treating allergic rhinitis. Journal of Polymer Research, 2019, 26, 1.	1.2	6
18	Folate-Targeted pH and Redox Dual Stimulation-Responsive Nanocarrier for Codelivering of Docetaxel and TFPI-2 for Nasopharyngeal Carcinoma Therapy. ACS Applied Bio Materials, 2019, 2, 1830-1841.	2.3	6

#	Article	IF	Citations
19	Î’-Cyclodextrin-graft-poly(amidoamine) dendrons as the nitric oxide deliver system for the chronic rhinosinusitis therapy. Drug Delivery, 2021, 28, 306-318.	2.5	6
20	A zeta potential-based homogeneous assay for amplified detection of telomerase in cancer cells. Sensors and Actuators B: Chemical, 2022, 350, 130881.	4.0	5
21	A highly sensitive, dual-readout assay based on self-assembly of two functional nanoparticles for homogeneous detection of protein biomarkers. Sensors and Actuators B: Chemical, 2021, 348, 130710.	4.0	4
22	Functional drug carriers formed by RGD-modified Î²-CD-HPG for the delivery of docetaxel for targeted inhibition of nasopharyngeal carcinoma cells. RSC Advances, 2022, 12, 18004-18011.	1.7	1