Xiuli Hu

List of Publications by Year
in descending order

56 papers	4,348 citations	136950 32 h-index	149698 56 g-index
57 all docs	57 docs citations	57 times ranked	6909 citing authors

#	Article	IF	Citations
1	Redox-activity of polydopamine for ultrafast preparation of self-healing and adhesive hydrogels. Colloids and Surfaces B: Biointerfaces, 2022, 214, 112469.	5.0	12
2	Microneedle Array Patches Integrated with Nanoparticles for Therapy and Diagnosis. Small Structures, 2021, 2, 2000097.	12.0	37
3	Cascaded amplification of intracellular oxidative stress and reversion of multidrug resistance by nitric oxide prodrug based-supramolecular hydrogel for synergistic cancer chemotherapy. Bioactive Materials, 2021, 6, 3300-3313.	15.6	7
4	Redox responsive paclitaxel dimer for programmed drug release and selectively killing cancer cells. Journal of Colloid and Interface Science, 2020, 580, 785-793.	9.4	24
5	A Paclitaxel Prodrug Activatable by Irradiation in a Hypoxic Microenvironment. Angewandte Chemie, 2020, 132, 23398-23405.	2.0	10
6	A Paclitaxel Prodrug Activatable by Irradiation in a Hypoxic Microenvironment. Angewandte Chemie - International Edition, 2020, 59, 23198-23205.	13.8	94
7	Mitochondria-Targeting Organic Nanoparticles for Enhanced Photodynamic/Photothermal Therapy. ACS Applied Materials & Interfaces, 2020, 12, 30077-30084.	8.0	66
8	Comparison of Redox Responsiveness and Antitumor Capability of Paclitaxel Dimeric Nanoparticles with Different Linkers. Chemistry of Materials, 2020, 32, 10719-10727.	6.7	28
9	Rational Design of BODIPY-Diketopyrrolopyrrole Conjugated Polymers for Photothermal Tumor Ablation. ACS Applied Materials & Interfaces, 2019, 11, 32720-32728.	8.0	28
10	Engineering pH-Responsive BODIPY Nanoparticles for Tumor Selective Multimodal Imaging and Phototherapy. ACS Applied Materials & Interfaces, 2019, 11, 43928-43935.	8.0	43
11	Photothermal-Controlled Generation of Alkyl Radical from Organic Nanoparticles for Tumor Treatment. ACS Applied Materials & Interfaces, 2019, 11, 5782-5790.	8.0	37
12	BODIPY derivatives as light-induced free radical generators for hypoxic cancer treatment. Journal of Materials Chemistry B, 2019, 7, 3976-3981.	5.8	19
13	Albumin-bound paclitaxel dimeric prodrug nanoparticles with tumor redox heterogeneity-triggered drug release for synergistic photothermal/chemotherapy. Nano Research, 2019, 12, 877-887.	10.4	38
14	In situ formed reactive oxygen speciesâ€“responsive scaffold with gemcitabine and checkpoint inhibitor for combination therapy. Science Translational Medicine, 2018, 10, .	12.4	439
15	Self-assembled organic nanorods for dual chemo-photodynamic therapies. RSC Advances, 2018, 8, 5493-5499.	3.6	6
16	Light-Activatable Red Blood Cell Membrane-Camouflaged Dimeric Prodrug Nanoparticles for Synergistic Photodynamic/Chemotherapy. ACS Nano, 2018, 12, 1630-1641.	14.6	300
17	Anaerobeâ€Inspired Anticancer Nanovesicles. Angewandte Chemie - International Edition, 2017, 56, 2588-2593.	13.8	124
18	Anaerobeâ€Inspired Anticancer Nanovesicles. Angewandte Chemie, 2017, 129, 2632-2637.	2.0	20

#	Article	IF	Citations
19	Innentitelbild: Anaerobeâ€Inspired Anticancer Nanovesicles (Angew. Chem. 10/2017). Angewandte Chemie, 2017, 129, 2558-2558.	2.0	3
20	Stimuli-Responsive Polymersomes for Biomedical Applications. Biomacromolecules, 2017, 18, 649-673.	5.4	316
21	Glutathione-responsive paclitaxel dimer nanovesicles with high drug content. Biomaterials Science, 2017, 5, 1517-1521.	5.4	34
22	Paclitaxel dimers assembling nanomedicines for treatment of cervix carcinoma. Journal of Controlled Release, 2017, 254, 23-33.	9.9	101
23	H₂O₂-Responsive Vesicles Integrated with Transcutaneous Patches for Glucose-Mediated Insulin Delivery. ACS Nano, 2017, 11, 613-620.	14.6	255
24	Cyclodextrin/Paclitaxel Dimer Assembling Vesicles: Reversible Morphology Transition and Cargo Delivery. ACS Applied Materials & Interfaces, 2017, 9, 26740-26748.	8.0	35
25	Cyanine-Curcumin Assembling Nanoparticles for Near-Infrared Imaging and Photothermal Therapy. ACS Biomaterials Science and Engineering, 2016, 2, 1942-1950.	5.2	40
26	Redox-Hypersensitive Organic Nanoparticles for Selective Treatment of Cancer Cells. Chemistry of Materials, 2016, 28, 4440-4446.	6.7	101
27	Hypoxia-Sensitive Materials for Biomedical Applications. Annals of Biomedical Engineering, 2016, 44, 1931-1945.	2.5	37
28	Cyclic RGD targeting cisplatin micelles for near-infrared imaging-guided chemotherapy. RSC Advances, 2016, 6, 1151-1157.	3.6	13
29	EGFPâ€Based Protein Nanoparticles with Cellâ€Penetrating Peptide for Efficient siRNA Delivery. Macromolecular Bioscience, 2015, 15, 1484-1489.	4.1	9
30	cRGD targeted and charge conversion-controlled release micelles for doxorubicin delivery. RSC Advances, 2015, 5, 22957-22964.	3.6	15
31	Anti-tumor activity of folate targeted biodegradable polymerâ€“paclitaxel conjugate micelles on EMT-6 breast cancer model. Materials Science and Engineering C, 2015, 53, 68-75.	7.3	25
32	Small molecular nanomedicines made from a camptothecin dimer containing a disulfide bond. RSC Advances, 2015, 5, 81499-81501.	3.6	40
33	Cyclic RGD targeting nanoparticles with pH sensitive polymerâ€“drug conjugates for effective treatment of melanoma. RSC Advances, 2014, 4, 55187-55194.	3.6	19
34	Complex of cisplatin with biocompatible poly(ethylene glycol) with pendant carboxyl groups for the effective treatment of liver cancer. Journal of Applied Polymer Science, 2014, 131, n/a-n/a.	2.6	7
35	Electrospinning of polymeric nanofibers for drug delivery applications. Journal of Controlled Release, 2014, 185, 12-21.	9.9	995
36	Hybrid polymer micelles capable of cRGD targeting and pH-triggered surface charge conversion for tumor selective accumulation and promoted uptake. Chemical Communications, 2014, 50, 9188-9191.	4.1	46

#	Article	IF	Citations
37	Studies on the biological character of a new pH-sensitive doxorubicin prodrug with tumor targeting using a LC-MS/MS method. Analytical Methods, 2014, 6, 3159.	2.7	4
38	Paclitaxel prodrug nanoparticles combining chemical conjugation and physical entrapment for enhanced antitumor efficacy. RSC Advances, 2014, 4, 38405-38411.	3.6	24
39	Y-shaped block copolymer (methoxy-poly(ethylene glycol))2-b-poly(l-glutamic acid): preparation, self-assembly, and use as drug carriers. RSC Advances, 2014, 4, 41588-41596.	3.6	7
40	Application of microwaveâ€assisted click chemistry in the preparation of functionalized copolymers for drug conjugation. Journal of Applied Polymer Science, 2013, 127, 3365-3373.	2.6	20
41	Targeting and anti-tumor effect of folic acid-labeled polymerâ€“Doxorubicin conjugates with pH-sensitive hydrazone linker. Journal of Materials Chemistry, 2012, 22, 13303.	6.7	51
42	Co-delivery of all-trans-retinoic-acid and cisplatin(iv) prodrug based on polymerâ€“drug conjugates for enhanced efficacy and safety. Journal of Materials Chemistry, 2012, 22, 25453.	6.7	15
43	Photo-cross-linked mPEG-poly(Î³-cinnamyl-l-glutamate) micelles as stable drug carriers. Polymer Chemistry, 2012, 3, 1300.	3.9	60
44	Guanidinated amphiphilic cationic copolymer with enhanced gene delivery efficiency. Journal of Materials Chemistry, 2012, 22, 18915.	6.7	19
45	Biodegradable Block Copolymer-Doxorubicin Conjugates via Different Linkages: Preparation, Characterization, and In Vitro Evaluation. Biomacromolecules, 2010, 11, 2094-2102.	5.4	148
46	A Novel Biodegradable and Lightâ€Breakable Diblock Copolymer Micelle for Drug Delivery. Advanced Engineering Materials, 2009, 11, B7.	3.5	16
47	Core Crosslinking of Biodegradable Block Copolymer Micelles Based on Poly(ester carbonate). Macromolecular Bioscience, 2009, 9, 456-463.	4.1	47
48	Cinnamateâ€functionalized poly(esterâ€carbonate): Synthesis and its UV irradiationâ€induced photoâ€crosslinking. Journal of Polymer Science Part A, 2009, 47, 161-169.	2.3	36
49	Biodegradable amphiphilic polymerâ€“drug conjugate micelles. Expert Opinion on Drug Delivery, 2009, 6, 1079-1090.	5.0	123
50	Novel aliphatic poly(esterâ€carbonate) with pendant allyl ester groups and its folic acid functionalization. Journal of Polymer Science Part A, 2008, 46, 1852-1861.	2.3	49
51	Aliphatic poly(esterâ€carbonate)s bearing amino groups and its RGD peptide grafting. Journal of Polymer Science Part A, 2008, 46, 7022-7032.	2.3	47
52	A biodegradable diblcok copolymer poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (glycol)â€blockâ€poly(<scp>L</s Docetaxel and RGD conjugation. Journal of Applied Polymer Science, 2008, 110, 2961-2970.	2.6	25
53	Biodegradable Amphiphilic Block Copolymers Bearing Protected Hydroxyl Groups: Synthesis and Characterization. Biomacromolecules, 2008, 9, 553-560.	5.4	73
54	Synthesis and characterization of novel poly(ester carbonate)s based on pentaerythritol. Journal of Polymer Science Part A, 2007, 45, 1737-1745.	2.3	35

#	Article	IF	Citations
55	Sugars-grafted aliphatic biodegradable poly(L-lactide-co-carbonate)s by click reaction and their specific interaction with lectin molecules. Journal of Polymer Science Part A, 2007, 45, 3204-3217.	2.3	69
56	Synthesis and characterization of amphiphilic block copolymers with allyl sideâ€groups. Journal of Polymer Science Part A, 2007, 45, 5518-5528.	2.3	57