

Xiuli Hu

List of Publications by Year in descending order

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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	Electrospinning of polymeric nanofibers for drug delivery applications. <i>Journal of Controlled Release</i> , 2014, 185, 12-21.	9.9	995
2	In situ formed reactive oxygen species-responsive scaffold with gemcitabine and checkpoint inhibitor for combination therapy. <i>Science Translational Medicine</i> , 2018, 10, .	12.4	439
3	Stimuli-Responsive Polymersomes for Biomedical Applications. <i>Biomacromolecules</i> , 2017, 18, 649-673.	5.4	316
4	Light-Activatable Red Blood Cell Membrane-Camouflaged Dimeric Prodrug Nanoparticles for Synergistic Photodynamic/Chemotherapy. <i>ACS Nano</i> , 2018, 12, 1630-1641.	14.6	300
5	H ₂ O ₂ -Responsive Vesicles Integrated with Transcutaneous Patches for Glucose-Mediated Insulin Delivery. <i>ACS Nano</i> , 2017, 11, 613-620.	14.6	255
6	Biodegradable Block Copolymer-Doxorubicin Conjugates via Different Linkages: Preparation, Characterization, and In Vitro Evaluation. <i>Biomacromolecules</i> , 2010, 11, 2094-2102.	5.4	148
7	Anaerobe-Inspired Anticancer Nanovesicles. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2588-2593.	13.8	124
8	Biodegradable amphiphilic polymer drug conjugate micelles. <i>Expert Opinion on Drug Delivery</i> , 2009, 6, 1079-1090.	5.0	123
9	Redox-Hypersensitive Organic Nanoparticles for Selective Treatment of Cancer Cells. <i>Chemistry of Materials</i> , 2016, 28, 4440-4446.	6.7	101
10	Paclitaxel dimers assembling nanomedicines for treatment of cervix carcinoma. <i>Journal of Controlled Release</i> , 2017, 254, 23-33.	9.9	101
11	A Paclitaxel Prodrug Activatable by Irradiation in a Hypoxic Microenvironment. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 23198-23205.	13.8	94
12	Biodegradable Amphiphilic Block Copolymers Bearing Protected Hydroxyl Groups: Synthesis and Characterization. <i>Biomacromolecules</i> , 2008, 9, 553-560.	5.4	73
13	Sugars-grafted aliphatic biodegradable poly(L-lactide-co-carbonate)s by click reaction and their specific interaction with lectin molecules. <i>Journal of Polymer Science Part A</i> , 2007, 45, 3204-3217.	2.3	69
14	Mitochondria-Targeting Organic Nanoparticles for Enhanced Photodynamic/Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 30077-30084.	8.0	66
15	Photo-cross-linked mPEG-poly(β -3-cinnamyl-L-glutamate) micelles as stable drug carriers. <i>Polymer Chemistry</i> , 2012, 3, 1300.	3.9	60
16	Synthesis and characterization of amphiphilic block copolymers with allyl side groups. <i>Journal of Polymer Science Part A</i> , 2007, 45, 5518-5528.	2.3	57
17	Targeting and anti-tumor effect of folic acid-labeled polymer drug conjugates with pH-sensitive hydrazone linker. <i>Journal of Materials Chemistry</i> , 2012, 22, 13303.	6.7	51
18	Novel aliphatic poly(ester-carbonate) with pendant allyl ester groups and its folic acid functionalization. <i>Journal of Polymer Science Part A</i> , 2008, 46, 1852-1861.	2.3	49

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19	Aliphatic poly(ester-carbonate)s bearing amino groups and its RGD peptide grafting. Journal of Polymer Science Part A, 2008, 46, 7022-7032.	2.3	47
20	Core Crosslinking of Biodegradable Block Copolymer Micelles Based on Poly(ester carbonate). Macromolecular Bioscience, 2009, 9, 456-463.	4.1	47
21	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
22	Engineering pH-Responsive BODIPY Nanoparticles for Tumor Selective Multimodal Imaging and Phototherapy. ACS Applied Materials & Interfaces, 2019, 11, 43928-43935.	8.0	43
23	Small molecular nanomedicines made from a camptothecin dimer containing a disulfide bond. RSC Advances, 2015, 5, 81499-81501.	3.6	40
24	Cyanine-Curcumin Assembling Nanoparticles for Near-Infrared Imaging and Photothermal Therapy. ACS Biomaterials Science and Engineering, 2016, 2, 1942-1950.	5.2	40
25	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
26	Hypoxia-Sensitive Materials for Biomedical Applications. Annals of Biomedical Engineering, 2016, 44, 1931-1945.	2.5	37
27	Photothermal-Controlled Generation of Alkyl Radical from Organic Nanoparticles for Tumor Treatment. ACS Applied Materials & Interfaces, 2019, 11, 5782-5790.	8.0	37
28	Microneedle Array Patches Integrated with Nanoparticles for Therapy and Diagnosis. Small Structures, 2021, 2, 2000097.	12.0	37
29	Cinnamate-functionalized poly(ester-carbonate): Synthesis and its UV irradiation-induced photo-crosslinking. Journal of Polymer Science Part A, 2009, 47, 161-169.	2.3	36
30	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
31	Cyclodextrin/Paclitaxel Dimer Assembling Vesicles: Reversible Morphology Transition and Cargo Delivery. ACS Applied Materials & Interfaces, 2017, 9, 26740-26748.	8.0	35
32	Glutathione-responsive paclitaxel dimer nanovesicles with high drug content. Biomaterials Science, 2017, 5, 1517-1521.	5.4	34
33	Rational Design of BODIPY-Diketopyrrolopyrrole Conjugated Polymers for Photothermal Tumor Ablation. ACS Applied Materials & Interfaces, 2019, 11, 32720-32728.	8.0	28
34	Comparison of Redox Responsiveness and Antitumor Capability of Paclitaxel Dimeric Nanoparticles with Different Linkers. Chemistry of Materials, 2020, 32, 10719-10727.	6.7	28
35	A biodegradable diblock copolymer poly(ethylene Terephthalate)-b-poly(D,L-lactide) (PEET- <i>b</i> -PLA) with Docetaxel and RGD conjugation. Journal of Applied Polymer Science, 2008, 110, 2961-2970.	2.6	25
36	Anti-tumor activity of folate targeted biodegradable polymer-paclitaxel conjugate micelles on EMT-6 breast cancer model. Materials Science and Engineering C, 2015, 53, 68-75.	7.3	25

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37	Paclitaxel prodrug nanoparticles combining chemical conjugation and physical entrapment for enhanced antitumor efficacy. <i>RSC Advances</i> , 2014, 4, 38405-38411.	3.6	24
38	Redox responsive paclitaxel dimer for programmed drug release and selectively killing cancer cells. <i>Journal of Colloid and Interface Science</i> , 2020, 580, 785-793.	9.4	24
39	Application of microwave-assisted click chemistry in the preparation of functionalized copolymers for drug conjugation. <i>Journal of Applied Polymer Science</i> , 2013, 127, 3365-3373.	2.6	20
40	Anaerobe-Inspired Anticancer Nanovesicles. <i>Angewandte Chemie</i> , 2017, 129, 2632-2637.	2.0	20
41	Guanidinated amphiphilic cationic copolymer with enhanced gene delivery efficiency. <i>Journal of Materials Chemistry</i> , 2012, 22, 18915.	6.7	19
42	Cyclic RGD targeting nanoparticles with pH sensitive polymer-drug conjugates for effective treatment of melanoma. <i>RSC Advances</i> , 2014, 4, 55187-55194.	3.6	19
43	BODIPY derivatives as light-induced free radical generators for hypoxic cancer treatment. <i>Journal of Materials Chemistry B</i> , 2019, 7, 3976-3981.	5.8	19
44	A Novel Biodegradable and Light-Breakable Diblock Copolymer Micelle for Drug Delivery. <i>Advanced Engineering Materials</i> , 2009, 11, B7.	3.5	16
45	Co-delivery of all-trans-retinoic-acid and cisplatin(iv) prodrug based on polymer-drug conjugates for enhanced efficacy and safety. <i>Journal of Materials Chemistry</i> , 2012, 22, 25453.	6.7	15
46	cRGD targeted and charge conversion-controlled release micelles for doxorubicin delivery. <i>RSC Advances</i> , 2015, 5, 22957-22964.	3.6	15
47	Cyclic RGD targeting cisplatin micelles for near-infrared imaging-guided chemotherapy. <i>RSC Advances</i> , 2016, 6, 1151-1157.	3.6	13
48	Redox-activity of polydopamine for ultrafast preparation of self-healing and adhesive hydrogels. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 214, 112469.	5.0	12
49	A Paclitaxel Prodrug Activatable by Irradiation in a Hypoxic Microenvironment. <i>Angewandte Chemie</i> , 2020, 132, 23398-23405.	2.0	10
50	EGFP-Based Protein Nanoparticles with Cell-Penetrating Peptide for Efficient siRNA Delivery. <i>Macromolecular Bioscience</i> , 2015, 15, 1484-1489.	4.1	9
51	Complex of cisplatin with biocompatible poly(ethylene glycol) with pendant carboxyl groups for the effective treatment of liver cancer. <i>Journal of Applied Polymer Science</i> , 2014, 131, n/a-n/a.	2.6	7
52	Y-shaped block copolymer (methoxy-poly(ethylene glycol)) ₂ -b-poly(L-glutamic acid): preparation, self-assembly, and use as drug carriers. <i>RSC Advances</i> , 2014, 4, 41588-41596.	3.6	7
53	Cascaded amplification of intracellular oxidative stress and reversion of multidrug resistance by nitric oxide prodrug based-supramolecular hydrogel for synergistic cancer chemotherapy. <i>Bioactive Materials</i> , 2021, 6, 3300-3313.	15.6	7
54	Self-assembled organic nanorods for dual chemo-photodynamic therapies. <i>RSC Advances</i> , 2018, 8, 5493-5499.	3.6	6

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55	Studies on the biological character of a new pH-sensitive doxorubicin prodrug with tumor targeting using a LC-MS/MS method. <i>Analytical Methods</i> , 2014, 6, 3159.	2.7	4
56	Innentitelbild: Anaerobeâ€Inspired Anticancer Nanovesicles (<i>Angew. Chem.</i> 10/2017). <i>Angewandte Chemie</i> , 2017, 129, 2558-2558.	2.0	3