

Xinsong Li

List of Publications by Year in descending order

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75
papers

1,709
citations

279701

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315616

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78
all docs

78
docs citations

78
times ranked

2583
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrospinning and crosslinking of zein nanofiber mats. Journal of Applied Polymer Science, 2007, 103, 380-385.	1.3	145
2	<i>In vitro</i> and <i>in vivo</i> evaluation of ketotifen fumarate-loaded silicone hydrogel contact lenses for ocular drug delivery. Drug Delivery, 2011, 18, 150-158.	2.5	79
3	Antibacterial activities of surface modified electrospun poly(vinylidene fluoride) membranes. Journal of Applied Polymer Science, 2011, 119, 3854-3858.	3.1	72
4	Thioether Phosphatidylcholine Liposomes: A Novel ROS-Responsive Platform for Drug Delivery. ACS Applied Materials & Interfaces, 2019, 11, 37411-37420.	4.0	70
5	Interpenetrating Polymer Network Hydrogels Based on Gelatin and PVA by Biocompatible Approaches: Synthesis and Characterization. Advances in Materials Science and Engineering, 2013, 2013, 1-8.	1.0	67
6	Mechanically Robust Gelatin-Alginate-Chitosan Hydrogels by a Combination of Enzymatic and Ionic Crosslinking Approaches. Macromolecular Materials and Engineering, 2014, 299, 504-513.	1.7	65
7	Improving filtration performance of electrospun nanofiber mats by a bimodal method. Journal of Applied Polymer Science, 2013, 128, 1089-1094.	1.3	59
8	Liposomes of dimeric artesunate phospholipid: A combination of dimerization and self-assembly to combat malaria. Biomaterials, 2018, 163, 76-87.	5.7	59
9	Preparation of PES ultrafiltration membranes with natural amino acids based zwitterionic antifouling surfaces. Applied Surface Science, 2016, 385, 130-138.	3.1	53
10	Biodegradable nanofibrous membrane of zein/silk fibroin by electrospinning. Polymer International, 2009, 58, 396-402.	1.6	52
11	Conjugate electrospinning of continuous nanofiber yarn of poly(L-lactide)/nanocalcium phosphate nanocomposite. Journal of Applied Polymer Science, 2008, 107, 3756-3764.	1.3	47
12	Redox sensitive lipid-camptothecin conjugate encapsulated solid lipid nanoparticles for oral delivery. International Journal of Pharmaceutics, 2018, 549, 352-362.	2.6	47
13	Preparation and characterization of zein and zein/poly(L-lactide) nanofiber yarns. Journal of Applied Polymer Science, 2009, 114, 2079-2086.	1.3	40
14	Artesunate-heparin conjugate based nanocapsules with improved pharmacokinetics to combat malaria. International Journal of Pharmaceutics, 2019, 562, 162-171.	2.6	40
15	Dual 7-ethyl-10-hydroxycamptothecin conjugated phospholipid prodrug assembled liposomes with <i>in vitro</i> anticancer effects. Bioorganic and Medicinal Chemistry, 2017, 25, 3247-3258.	1.4	33
16	A simple approach to constructing antibacterial and anti-biofouling nanofibrous membranes. Biofouling, 2014, 30, 313-322.	0.8	32
17	Reduction responsive liposomes based on paclitaxel-ss-lysophospholipid with high drug loading for intracellular delivery. International Journal of Pharmaceutics, 2019, 564, 244-255.	2.6	31
18	PAMAM-Lys, a Novel Vaccine Delivery Vector, Enhances the Protective Effects of the SJC23 DNA Vaccine against Schistosoma japonicum Infection. PLoS ONE, 2014, 9, e86578.	1.1	30

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19	Mechanically tough biomacromolecular IPN hydrogel fibers by enzymatic and ionic crosslinking. <i>International Journal of Biological Macromolecules</i> , 2015, 72, 403-409.	3.6	30
20	Self-assembled liposomes of dual paclitaxel-phospholipid prodrug for anticancer therapy. <i>International Journal of Pharmaceutics</i> , 2017, 526, 11-22.	2.6	29
21	Tough biohydrogels with interpenetrating network structure by bienzymatic crosslinking approach. <i>European Polymer Journal</i> , 2015, 72, 717-725.	2.6	28
22	PVA Hydrogels Containing β -Cyclodextrin for Enhanced Loading and Sustained Release of Ocular Therapeutics. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2010, 21, 1023-1038.	1.9	27
23	Bienzymatically crosslinked gelatin/hyaluronic acid interpenetrating network hydrogels: preparation and characterization. <i>RSC Advances</i> , 2015, 5, 1929-1936.	1.7	27
24	Improved Antitumor Activity of Novel Redox-Responsive Paclitaxel-Encapsulated Liposomes Based on Disulfide Phosphatidylcholine. <i>Molecular Pharmaceutics</i> , 2020, 17, 262-273.	2.3	25
25	Enzymatic and ionic crosslinked gelatin/K ϵ -carrageenan IPN hydrogels as potential biomaterials. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	23
26	Dimeric camptothecin derived phospholipid assembled liposomes with high drug loading for cancer therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 166, 235-244.	2.5	23
27	Dimeric artesunate phospholipid-conjugated liposomes as promising anti-inflammatory therapy for rheumatoid arthritis. <i>International Journal of Pharmaceutics</i> , 2020, 579, 119178.	2.6	23
28	An interpenetrating network biohydrogel of gelatin and gellan gum by using a combination of enzymatic and ionic crosslinking approaches. <i>Polymer International</i> , 2014, 63, 1643-1649.	1.6	21
29	Disulfide phosphatidylcholines: alternative phospholipids for the preparation of functional liposomes. <i>Chemical Communications</i> , 2019, 55, 8434-8437.	2.2	21
30	Redox-sensitive irinotecan liposomes with active ultra-high loading and enhanced intracellular drug release. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 206, 111967.	2.5	20
31	Redox-sensitive dimeric camptothecin phosphatidylcholines-based liposomes for improved anticancer efficacy. <i>Nanomedicine</i> , 2019, 14, 3057-3074.	1.7	19
32	Liposomes Assembled from a Dual Drug-tailed Phospholipid for Cancer Therapy. <i>Chemistry - an Asian Journal</i> , 2015, 10, 1232-1238.	1.7	16
33	Paclitaxel encapsulated in artesunate-phospholipid liposomes for combinatorial delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 51, 372-382.	1.4	16
34	High ionic conductive PVDF-based fibrous electrolytes. <i>Journal of Solid State Electrochemistry</i> , 2008, 12, 1629-1635.	1.2	15
35	High Drug Loading, Reversible Disulfide Core-Cross-Linked Multifunctional Micelles for Triggered Release of Camptothecin. <i>Molecular Pharmaceutics</i> , 2018, 15, 5479-5492.	2.3	15
36	Lipoic acid-derived cross-linked liposomes for reduction-responsive delivery of anticancer drug. <i>International Journal of Pharmaceutics</i> , 2019, 560, 246-260.	2.6	15

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37	Interpenetrating polymer network hydrogels based on silicone and poly(2-hydroxyethyl methacrylate) Tj ETQq1 1 0.784314 rgBT /Overlook	1.6	14
38	Liposomes assembled from dimeric retinoic acid phospholipid with improved pharmacokinetic properties. European Journal of Pharmaceutical Sciences, 2018, 112, 186-194.	1.9	14
39	Nano-porous ultra-high specific surface ultrafine fibers. Science Bulletin, 2004, 49, 2368-2371.	1.7	13
40	Fabrication of poly(vinylidene fluoride-co-hexafluoropropylene) nanofiber yarns by conjugate electrospinning. Journal of the Textile Institute, 2011, 102, 633-638.	1.0	13
41	Lipoic acid modified antimicrobial peptide with enhanced antimicrobial properties. Bioorganic and Medicinal Chemistry, 2020, 28, 115682.	1.4	13
42	In situ injectable poly(L-glutamic acid) based biohydrogel formed by enzymatic crosslinking. Journal of Applied Polymer Science, 2015, 132, .	1.3	12
43	Silicone hydrogels grafted with natural amino acids for ophthalmological application. Journal of Biomaterials Science, Polymer Edition, 2016, 27, 1354-1368.	1.9	12
44	Nanoformulation of dual beaxarotene-tailed phospholipid conjugate with high drug loading. European Journal of Pharmaceutical Sciences, 2017, 100, 197-204.	1.9	11
45	A reduction-responsive drug delivery with improved stability: disulfide crosslinked micelles of small amphiphilic molecules. RSC Advances, 2021, 11, 12757-12770.	1.7	11
46	A modified thin film method for large scale production of dimeric artesunate phospholipid liposomes and comparison with conventional approaches. International Journal of Pharmaceutics, 2022, 619, 121714.	2.6	11
47	Dimeric Artesunate Glycerophosphocholine Conjugate Nano-Assemblies as Slow-Release Antimalarials to Overcome Kelch 13 Mutant Artemisinin Resistance. Antimicrobial Agents and Chemotherapy, 2022, 66, e0206521.	1.4	11
48	Hybrid polypeptide hydrogels produced via native chemical ligation. RSC Advances, 2015, 5, 16740-16747.	1.7	10
49	Preparation and antidehydration of interpenetrating polymer network hydrogels based on 2-hydroxyethyl methacrylate and N-vinylpyrrolidone. Journal of Applied Polymer Science, 2010, 117, 1851-1858.	1.3	9
50	Silicone hydrogels based on a novel amphiphilic poly(2-methyl-2-oxazoline)-poly(dimethyl) Tj ETQq0 0 0 rgBT /Overlook	1.3	9
51	Assembled liposomes of dual podophyllotoxin phospholipid: preparation, characterization and in vivo anticancer activity. Nanomedicine, 2017, 12, 657-672.	1.7	9
52	Ultrashort Lipopeptides Self-Assembled with Gold Nanoparticles as Potent Antimicrobial Agents. Journal of Nanoscience and Nanotechnology, 2018, 18, 8124-8132.	0.9	9
53	Thiol-Mediated Multidentate Phosphorylcholine as a Zwitterionic Ligand for Stabilizing Biocompatible Gold Nanoparticles. Langmuir, 2019, 35, 13031-13039.	1.6	9
54	Tough Hydrogel Coating on Silicone Rubber with Improved Antifouling and Antibacterial Properties. ACS Applied Polymer Materials, 2022, 4, 3462-3472.	2.0	9

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55	Liposome-like nanocapsules of dual drug-tailed betaine for cancer therapy. <i>International Journal of Pharmaceutics</i> , 2015, 493, 460-465.	2.6	8
56	Multifunctional Lipid Nanoparticles for Protein Kinase N3 shRNA Delivery and Prostate Cancer Therapy. <i>Molecular Pharmaceutics</i> , 2022, 19, 4588-4600.	2.3	8
57	Preparation and characterization of interpenetrating polymer network silicone hydrogels with high oxygen permeability. <i>Journal of Applied Polymer Science</i> , 2010, 116, 2749-2757.	1.3	7
58	Enhancing protein resistance of hydrogels based on poly(2-hydroxyethyl methacrylate) and poly(2-methacryloyloxyethyl phosphorylcholine) with interpenetrating network structure. <i>Journal of Applied Polymer Science</i> , 2011, 121, 3347-3352.	1.3	7
59	Novel dual VES phospholipid self-assembled liposomes with an extremely high drug loading efficiency. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 156, 29-37.	2.5	7
60	Redox responsive 7-ethyl-10-hydroxycamptothecin (SN38) lysophospholipid conjugate: synthesis, assembly and anticancer evaluation. <i>International Journal of Pharmaceutics</i> , 2021, 606, 120856.	2.6	7
61	Functional vesicles formed by anticancer drug assembly. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 188-191.	1.0	5
62	Improvement of Stability and Anticancer Activity of Chlorambucil-Tetrapeptide Conjugate Vesicles. <i>Chinese Journal of Chemistry</i> , 2016, 34, 609-616.	2.6	5
63	Disulfide-crosslinked reduction-responsive Prodrug Micelles for On-demand Paclitaxel Release. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 53, 101168.	1.4	5
64	Dimeric Artesunate-Phosphatidylcholine-Based Liposomes for Irinotecan Delivery as a Combination Therapy Approach. <i>Molecular Pharmaceutics</i> , 2021, 18, 3862-3870.	2.3	5
65	Sucrose-modified iron nanoparticles for highly efficient microbial production of hyaluronic acid by <i>Streptococcus zooepidemicus</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 205, 111854.	2.5	5
66	Galactosylated 2-hydroxypropyl methacrylamide-guanidinopropyl methacrylamide copolymer as a small hairpin RNA carrier for inhibiting human telomerase reverse transcriptase expression. <i>Journal of Gene Medicine</i> , 2014, 16, 109-121.	1.4	4
67	Dimeric artesunate-choline conjugate micelles coated with hyaluronic acid as a stable, safe and potent alternative anti-malarial injection of artesunate. <i>International Journal of Pharmaceutics</i> , 2021, 609, 121138.	2.6	4
68	Irinotecan-loaded ROS-responsive liposomes containing thioether phosphatidylcholine for improving anticancer activity. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 71, 103321.	1.4	4
69	SILICONE HYDROGELS WITH INTERPENETRATING NETWORK STRUCTURE PREPARED BY SIMULTANEOUS FREE-RADICAL/CATIONIC HYBRID POLYMERIZATIONS. <i>Biomedical Engineering - Applications, Basis and Communications</i> , 2011, 23, 153-162.	0.3	3
70	Improving hydrophilicity and protein resistance of silicone hydrogel by plasma induced graft polymerization of 2-methacryloyloxyethyl phosphorylcholine. <i>E-Polymers</i> , 2011, 11, .	1.3	3
71	Core-crosslinked nanomicelles based on crosslinkable prodrug and surfactants for reduction responsive delivery of camptothecin and improved anticancer efficacy. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 150, 105340.	1.9	3
72	A study on the concentration dependence of excimer formation in pyrenyl labelled polystyrene solutions. <i>Polymer International</i> , 1999, 48, 529-531.	1.6	2

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73	Guanidylated 3-gluconamidopropyl methacrylamide-s-3-aminopropyl methacrylamide copolymer as siRNA carriers for inhibiting human telomerase reverse transcriptase expression. <i>Drug Delivery</i> , 2013, 20, 296-305.	2.5	2
74	Improved protein resistance of silicone hydrogels by grafting short peptides for ophthalmological application. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2017, 66, 618-625.	1.8	2
75	An observation on excimer formation in pyrenyl-labelled polystyrene: concentrated solution and solvent-plasticized film. <i>Polymer International</i> , 1999, 48, 630-632.	1.6	0