

# Li-Min Zhu

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

74  
papers

2,268  
citations

30  
h-index

44  
g-index

76  
ext. papers

2,789  
ext. citations

6.8  
avg, IF

5.26  
L-index

#	Paper	IF	Citations
74	Carboxymethyl chitosan-mediated synthesis of hyaluronic acid-targeted graphene oxide for cancer drug delivery. <i>Carbohydrate Polymers</i> , <b>2016</b> , 135, 72-8	10.3	121
73	Electrospun gelatin nanofibers loaded with vitamins A and E as antibacterial wound dressing materials. <i>RSC Advances</i> , <b>2016</b> , 6, 50267-50277	3.7	101
72	Lactobionic acid and carboxymethyl chitosan functionalized graphene oxide nanocomposites as targeted anticancer drug delivery systems. <i>Carbohydrate Polymers</i> , <b>2016</b> , 151, 812-820	10.3	100
71	Thermosensitive nanofibers loaded with ciprofloxacin as antibacterial wound dressing materials. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 517, 135-147	6.5	69
70	Electrospun Poly(N-isopropylacrylamide)/Ethyl Cellulose Nanofibers as Thermo-responsive Drug Delivery Systems. <i>Journal of Pharmaceutical Sciences</i> , <b>2016</b> , 105, 1104-12	3.9	69
69	Solid dispersions in the form of electrospun core-sheath nanofibers. <i>International Journal of Nanomedicine</i> , <b>2011</b> , 6, 3271-80	7.3	67
68	Functionalized MoS <sub>2</sub> nanosheet-capped periodic mesoporous organosilicas as a multifunctional platform for synergistic targeted chemo-photothermal therapy. <i>Chemical Engineering Journal</i> , <b>2018</b> , 342, 90-102	14.7	66
67	Targeted delivery and controlled release of doxorubicin into cancer cells using a multifunctional graphene oxide. <i>Materials Science and Engineering C</i> , <b>2016</b> , 59, 652-660	8.3	63
66	Time-engineered biphasic drug release by electrospun nanofiber meshes. <i>International Journal of Pharmaceutics</i> , <b>2012</b> , 436, 88-96	6.5	63
65	Chemodrug-Gated Biodegradable Hollow Mesoporous Organosilica Nanotheranostics for Multimodal Imaging-Guided Low-Temperature Photothermal Therapy/Chemotherapy of Cancer. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 42115-42126	9.5	59
64	Regenerated chitin fibers reinforced with bacterial cellulose nanocrystals as suture biomaterials. <i>Carbohydrate Polymers</i> , <b>2018</b> , 180, 304-313	10.3	58
63	Ultrafine ibuprofen-loaded polyvinylpyrrolidone fiber mats using electrospinning. <i>Polymer International</i> , <b>2009</b> , 58, 1010-1013	3.3	56
62	Platelet-membrane-biomimetic nanoparticles for targeted antitumor drug delivery. <i>Journal of Nanobiotechnology</i> , <b>2019</b> , 17, 60	9.4	54
61	A Multifunctional Biodegradable Nanocomposite for Cancer Theranostics. <i>Advanced Science</i> , <b>2019</b> , 6, 1802001	13.6	50
60	Platelet membrane biomimetic bufalin-loaded hollow MnO <sub>2</sub> nanoparticles for MRI-guided chemo-chemodynamic combined therapy of cancer. <i>Chemical Engineering Journal</i> , <b>2020</b> , 382, 122848	14.7	49
59	Elaboration, characterization and study of a novel affinity membrane made from electrospun hybrid chitosan/nylon-6 nanofibers for papain purification. <i>Journal of Materials Science</i> , <b>2010</b> , 45, 2296-2304	4.3	48
58	Functionalized MoS <sub>2</sub> -nanosheets for targeted drug delivery and chemo-photothermal therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2019</b> , 173, 101-108	6	47

57	A novel chitosan-based nanomedicine for multi-drug resistant breast cancer therapy. <i>Chemical Engineering Journal</i> , <b>2019</b> , 369, 134-149	14.7	45
56	Molecularly imprinted polymer based on MWCNT-QDs as fluorescent biomimetic sensor for specific recognition of target protein. <i>Materials Science and Engineering C</i> , <b>2015</b> , 48, 469-79	8.3	41
55	Insulin-loaded PLGA microspheres for glucose-responsive release. <i>Drug Delivery</i> , <b>2017</b> , 24, 1513-1525	7	36
54	Controlled release from thermo-sensitive PNVCL-co-MAA electrospun nanofibers: The effects of hydrophilicity/hydrophobicity of a drug. <i>Materials Science and Engineering C</i> , <b>2016</b> , 67, 581-589	8.3	36
53	A chitosan-based cascade-responsive drug delivery system for triple-negative breast cancer therapy. <i>Journal of Nanobiotechnology</i> , <b>2019</b> , 17, 95	9.4	35
52	Electrospinning for healthcare: recent advancements. <i>Journal of Materials Chemistry B</i> , <b>2021</b> , 9, 939-951	7.3	33
51	Dual temperature and pH responsive nanofiber formulations prepared by electrospinning. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2018</b> , 171, 142-149	6	32
50	Poly(N-isopropylacrylamide)/poly(l-lactic acid-co-ε-caprolactone) fibers loaded with ciprofloxacin as wound dressing materials. <i>Materials Science and Engineering C</i> , <b>2017</b> , 79, 245-254	8.3	31
49	Tunable drug release from blend poly(vinyl pyrrolidone)-ethyl cellulose nanofibers. <i>International Journal of Pharmaceutics</i> , <b>2019</b> , 562, 172-179	6.5	31
48	Biodegradable, pH-Sensitive Hollow Mesoporous Organosilica Nanoparticle (HMON) with Controlled Release of Pirfenidone and Ultrasound-Target-Microbubble-Destruction (UTMD) for Pancreatic Cancer Treatment. <i>Theranostics</i> , <b>2019</b> , 9, 6002-6018	12.1	30
47	Pluronic F127-based micelles for tumor-targeted bufalin delivery. <i>International Journal of Pharmaceutics</i> , <b>2019</b> , 559, 289-298	6.5	30
46	Functionalized boron nanosheets as an intelligent nanoplatform for synergistic low-temperature photothermal therapy and chemotherapy. <i>Nanoscale</i> , <b>2020</b> , 12, 14739-14750	7.7	30
45	A thermosensitive drug delivery system prepared by blend electrospinning. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2017</b> , 159, 277-283	6	30
44	Preparation and characterization of a novel sodium alginate incorporated self-assembled Fmoc-FF composite hydrogel. <i>Materials Science and Engineering C</i> , <b>2016</b> , 58, 478-86	8.3	29
43	The effect of collection substrate on electrospun ciprofloxacin-loaded poly(vinylpyrrolidone) and ethyl cellulose nanofibers as potential wound dressing materials. <i>Materials Science and Engineering C</i> , <b>2019</b> , 104, 109917	8.3	29
42	Peptide functionalized dual-responsive chitosan nanoparticles for controlled drug delivery to breast cancer cells. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2019</b> , 564, 122-130	5.1	29
41	Dual-responsive nanoparticles based on chitosan for enhanced breast cancer therapy. <i>Carbohydrate Polymers</i> , <b>2019</b> , 221, 84-93	10.3	27
40	Polyacrylonitrile fibers efficiently loaded with tamoxifen citrate using wet-spinning from co-dissolving solution. <i>International Journal of Pharmaceutics</i> , <b>2009</b> , 373, 4-9	6.5	27

39	Synthesis and evaluation of temperature- and glucose-sensitive nanoparticles based on phenylboronic acid and N-vinylcaprolactam for insulin delivery. <i>Materials Science and Engineering C</i> , <b>2016</b> , 69, 1026-35	8.3	26
38	Biomaterialized Bimetallic Oxide Nanotheranostics for Multimodal Imaging-Guided Combination Therapy. <i>Theranostics</i> , <b>2020</b> , 10, 841-855	12.1	25
37	Dual-responsive drug delivery systems prepared by blend electrospinning. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 543, 1-7	6.5	24
36	Electrospun gelatin/sodium bicarbonate and poly(lactide-co-ε-caprolactone)/sodium bicarbonate nanofibers as drug delivery systems. <i>Materials Science and Engineering C</i> , <b>2017</b> , 81, 359-365	8.3	24
35	A novel multifunctional biomedical material based on polyacrylonitrile: Preparation and characterization. <i>Materials Science and Engineering C</i> , <b>2016</b> , 62, 702-9	8.3	22
34	Study of sustained release drug-loaded nanofibers of cellulose acetate and ethyl cellulose polymer blends prepared by electrospinning and their in-vitro drug release profiles. <i>Journal of Polymer Research</i> , <b>2014</b> , 21, 1	2.7	22
33	A simple route to form magnetic chitosan nanoparticles from coaxial-electrospun composite nanofibers. <i>Journal of Materials Science</i> , <b>2013</b> , 48, 3991-3998	4.3	22
32	Dual-responsive molybdenum disulfide/copper sulfide-based delivery systems for enhanced chemo-photothermal therapy. <i>Journal of Colloid and Interface Science</i> , <b>2019</b> , 539, 433-441	9.3	22
31	Lectin recognizing thermoresponsive double hydrophilic glycopolymer micelles by RAFT polymerization. <i>RSC Advances</i> , <b>2014</b> , 4, 34912-34921	3.7	21
30	I-Peptide functionalized dual-responsive nanoparticles for controlled paclitaxel release and enhanced apoptosis in breast cancer cells. <i>Drug Delivery</i> , <b>2018</b> , 25, 1275-1288	7	21
29	Glucose- and temperature-sensitive nanoparticles for insulin delivery. <i>International Journal of Nanomedicine</i> , <b>2017</b> , 12, 4037-4057	7.3	19
28	Core-shell poly(lactide-co-ε-caprolactone)-gelatin fiber scaffolds as pH-sensitive drug delivery systems. <i>Journal of Biomaterials Applications</i> , <b>2018</b> , 32, 1105-1118	2.9	19
27	Fabrication of glycopolymer/MWCNTs composite nanofibers and its enzyme immobilization applications. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2014</b> , 121, 417-24	6	19
26	A multifunctional nanoplatform based on MoS <sub>2</sub> -nanosheets for targeted drug delivery and chemo-photothermal therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2020</b> , 185, 110585	6	19
25	Erythrocyte Membrane Cloaked Curcumin-Loaded Nanoparticles for Enhanced Chemotherapy. <i>Pharmaceutics</i> , <b>2019</b> , 11,	6.4	16
24	Liraglutide-loaded poly(lactic-co-glycolic acid) microspheres: Preparation and in vivo evaluation. <i>European Journal of Pharmaceutical Sciences</i> , <b>2016</b> , 92, 28-38	5.1	16
23	Electrospun glycopolymer fibers for lectin recognition. <i>Polymer Chemistry</i> , <b>2014</b> , 5, 3009-3017	4.9	15
22	Fabrication and aggregation of thermoresponsive glucose-functionalized double hydrophilic copolymers. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2013</b> , 105, 180-6	6	15

21	Hollow Mesoporous Silica Nanoparticles Gated by Chitosan-Copper Sulfide Composites as Theranostic Agents for the Treatment of Breast Cancer. <i>Acta Biomaterialia</i> , <b>2021</b> , 126, 408-420	10.8	15
20	Fabrication and investigation of a biocompatible microfilament with high mechanical performance based on regenerated bacterial cellulose and bacterial cellulose. <i>Materials Science and Engineering C</i> , <b>2017</b> , 79, 516-524	8.3	14
19	Phenylboronic acid-diol crosslinked 6-O-vinylazeloyle-d-galactose nanocarriers for insulin delivery. <i>Materials Science and Engineering C</i> , <b>2017</b> , 76, 845-855	8.3	14
18	A Tumor Microenvironment-Responsive Biodegradable Mesoporous Nanosystem for Anti-Inflammation and Cancer Theranostics. <i>Advanced Healthcare Materials</i> , <b>2020</b> , 9, e1901307	10.1	14
17	Galactose functionalized injectable thermoresponsive microgels for sustained protein release. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2014</b> , 113, 368-74	6	12
16	Synergistic Chemo-Photothermal Suppression of Cancer by Melanin Decorated MoO Nanosheets.. <i>ACS Applied Bio Materials</i> , <b>2019</b> , 2, 4356-4366	4.1	11
15	Electrospun oral formulations for combined photo-chemotherapy of colon cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2019</b> , 183, 110411	6	11
14	Ionic Liquids Promoted S-Methylation of Thiols Utilizing Dimethyl Carbonate. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2010</b> , 186, 31-37	1	11
13	Co-delivery of doxorubicin and oleanolic acid by triple-sensitive nanocomposite based on chitosan for effective promoting tumor apoptosis. <i>Carbohydrate Polymers</i> , <b>2020</b> , 247, 116672	10.3	10
12	A Novel Heptapeptide with Tyrosinase Inhibitory Activity Identified from a Phage Display Library. <i>Applied Biochemistry and Biotechnology</i> , <b>2017</b> , 181, 219-232	3.2	10
11	Preparation and controlled release of degradable polymeric ketoprofen saccharide conjugates. <i>Polymer Bulletin</i> , <b>2011</b> , 67, 593-608	2.4	10
10	In vitro controlled release of polymeric drug-saccharide conjugates with ketoprofen, ibuprofen, and naproxen pendants. <i>Journal of Applied Polymer Science</i> , <b>2011</b> , 121, 1654-1660	2.9	10
9	Thermoresponsive diblock glycopolymer by RAFT polymerization for lectin recognition. <i>Materials Science and Engineering C</i> , <b>2016</b> , 68, 172-176	8.3	9
8	Stealth Polydopamine-Based Nanoparticles with Red Blood Cell Membrane for the Chemo-Photothermal Therapy of Cancer.. <i>ACS Applied Bio Materials</i> , <b>2020</b> , 3, 2350-2359	4.1	7
7	Preparation and characterization of TAM-loaded HPMC/PAN composite fibers for improving drug-release profiles. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2011</b> , 22, 2227-40	3.5	7
6	A dual-prodrug nanoparticle based on chitosan oligosaccharide for enhanced tumor-targeted drug delivery. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 619, 126512	5.1	5
5	Dimeric Her2-specific affibody mediated cisplatin-loaded nanoparticles for tumor enhanced chemo-radiotherapy. <i>Journal of Nanobiotechnology</i> , <b>2021</b> , 19, 138	9.4	4
4	Novel electrospun nanofibers incorporating polymeric prodrugs of ketoprofen: Preparation, characterization, and in vitro sustained release. <i>Journal of Applied Polymer Science</i> , <b>2013</b> , 130, 1570-1577 <sup>2.9</sup>	2.9	2

3	Functionalized layered double hydroxide nanoparticles as an intelligent nanoplatform for synergistic photothermal therapy and chemotherapy of tumors.. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2021</b> , 210, 112261	6	2
2	Functionalized organic/inorganic hybrid composites used as colorimetric chemosensors for hydrogen sulfide detection. <i>Journal of Applied Polymer Science</i> ,52312	2.9	0
1	Construction of Nano-Carriers Coated with Platelet Membrane and Its Application in Targeted Therapy of Inflammation. <i>Nano</i> ,2150128	1.1	