

# Lin Zhu

## List of Publications by Year in descending order

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38  
papers

3,142  
citations

257101

24  
h-index

344852

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g-index

38  
all docs

38  
docs citations

38  
times ranked

4744  
citing authors

#	ARTICLE	IF	CITATIONS
1	Matrix Metalloprotease 2-Responsive Multifunctional Liposomal Nanocarrier for Enhanced Tumor Targeting. <i>ACS Nano</i> , 2012, 6, 3491-3498.	7.3	453
2	Enhanced anticancer activity of nanopreparation containing an MMP2-sensitive PEG-drug conjugate and cell-penetrating moiety. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17047-17052.	3.3	325
3	pH-sensitive poly(histidine)-PEG/DSPE-PEG co-polymer micelles for cytosolic drug delivery. <i>Biomaterials</i> , 2013, 34, 1213-1222.	5.7	323
4	Stimulus-responsive nanopreparations for tumor targeting. <i>Integrative Biology (United Kingdom)</i> , 2013, 5, 96-107.	0.6	213
5	Hypoxia-Targeted siRNA Delivery. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3362-3366.	7.2	200
6	Matrix metalloproteinase 2-sensitive multifunctional polymeric micelles for tumor-specific co-delivery of siRNA and hydrophobic drugs. <i>Biomaterials</i> , 2014, 35, 4213-4222.	5.7	195
7	MMP-Responsive "Smart" Drug Delivery and Tumor Targeting. <i>Trends in Pharmacological Sciences</i> , 2018, 39, 766-781.	4.0	185
8	Exploration of Zinc Oxide Nanoparticles as a Multitarget and Multifunctional Anticancer Nanomedicine. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 39971-39984.	4.0	140
9	Lipid and polymeric carrier-mediated nucleic acid delivery. <i>Expert Opinion on Drug Delivery</i> , 2010, 7, 1209-1226.	2.4	120
10	Targeted delivery of methotrexate to skeletal muscular tissue by thermosensitive magnetoliposomes. <i>International Journal of Pharmaceutics</i> , 2009, 370, 136-143.	2.6	96
11	Targeted Delivery of siRNA to Hepatocytes and Hepatic Stellate Cells by Bioconjugation. <i>Bioconjugate Chemistry</i> , 2010, 21, 2119-2127.	1.8	82
12	Improving Tumor Specificity and Anticancer Activity of Dasatinib by Dual-Targeted Polymeric Micelles. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 36642-36654.	4.0	77
13	Dual-pH Sensitive Charge-reversal Nanocomplex for Tumor-targeted Drug Delivery with Enhanced Anticancer Activity. <i>Theranostics</i> , 2017, 7, 1806-1819.	4.6	66
14	Targeted Transferrin-Modified Polymeric Micelles: Enhanced Efficacy in Vitro and in Vivo in Ovarian Carcinoma. <i>Molecular Pharmaceutics</i> , 2014, 11, 375-381.	2.3	60
15	MMP2-Sensitive PEG-Lipid Copolymers: A New Type of Tumor-Targeted P-Glycoprotein Inhibitor. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 12661-12673.	4.0	60
16	Efficient Codelivery of Paclitaxel and Curcumin by Novel Bottlebrush Copolymer-based Micelles. <i>Molecular Pharmaceutics</i> , 2017, 14, 2378-2389.	2.3	60
17	Building Stable MMP2-Responsive Multifunctional Polymeric Micelles by an All-in-One Polymer-Lipid Conjugate for Tumor-Targeted Intracellular Drug Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 32520-32533.	4.0	60
18	Enhancing cancer targeting and anticancer activity by a stimulus-sensitive multifunctional polymer-drug conjugate. <i>Journal of Controlled Release</i> , 2015, 212, 94-102.	4.8	57

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19	Tumor-targeted drug delivery and sensitization by MMP2-responsive polymeric micelles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 19, 71-80.	1.7	50
20	Structural and Formulation Factors Influencing Pyridinium Lipid-Based Gene Transfer. <i>Bioconjugate Chemistry</i> , 2008, 19, 2499-2512.	1.8	41
21	Site-Specific Delivery of Oligonucleotides to Hepatocytes after Systemic Administration. <i>Bioconjugate Chemistry</i> , 2008, 19, 290-298.	1.8	39
22	Caspase-3 Gene Silencing for Inhibiting Apoptosis in Insulinoma Cells and Human Islets. <i>Molecular Pharmaceutics</i> , 2008, 5, 1093-1102.	2.3	36
23	Targeting Tumor-Associated Macrophages by MMP2-Sensitive Apoptotic Body-Mimicking Nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 52402-52414.	4.0	34
24	Multifunctional Micellar Nanocarriers for Tumor-Targeted Delivery of Hydrophobic Drugs. <i>Journal of Biomedical Nanotechnology</i> , 2016, 12, 1199-1210.	0.5	28
25	Potential-Independent Intracellular Drug Delivery and Mitochondrial Targeting. <i>ACS Nano</i> , 2022, 16, 1409-1420.	7.3	24
26	Folate-targeted pH-sensitive bortezomib conjugates for cancer treatment. <i>Chemical Communications</i> , 2019, 55, 4254-4257.	2.2	21
27	Preparation of Two Types of Polymeric Micelles Based on Poly( $\beta$ -L-Malic Acid) for Antitumor Drug Delivery. <i>PLoS ONE</i> , 2016, 11, e0162607.	1.1	17
28	Separation and Identification of 20 Chemical Constituents in the Traditional Chinese Medicinal Preparation Shenbao Tablet by LC-ESI-MS3. <i>Journal of Chromatographic Science</i> , 2004, 42, 177-183.	0.7	16
29	Graphene quantum dots decorated with imatinib for leukemia treatment. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 102117.	1.4	14
30	Rheumatoid arthritis treatment using hydroxychloroquine and methotrexate co-loaded nanomicelles: In vivo results. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 206, 111952.	2.5	13
31	Preparation of poly( $\beta$ -L-malic acid)-based charge-conversional nanoconjugates for tumor-specific uptake and cellular delivery. <i>International Journal of Nanomedicine</i> , 2015, 10, 1941.	3.3	10
32	Development and Validation of a LC-ESI-MS Assay for Determination of Icaritin in Rat Plasma after Administration of Herba Epimedii. <i>Chromatographia</i> , 2008, 67, 591-597.	0.7	8
33	Simultaneous Determination of Acteoside, Astragaloside IV and Icaritin in the Traditional Chinese Medicinal Preparation Shenbao by HPLC-MS. <i>Chromatographia</i> , 2006, 64, 453-458.	0.7	6
34	Matrix Metalloproteinase-Sensitive Nanocarriers. , 2016, , 83-116.		5
35	Identification of Novel Alternative Splicing Events Associated With Tumorigenesis, Protein Modification, and Immune Microenvironment in Early-Onset Gastric Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 640272.	1.3	4
36	Lipids and Their Derivatives: By-Products Used as Essential Building Blocks for Modern Drug Delivery Systems. <i>Current Drug Targets</i> , 2014, 15, 502-517.	1.0	2

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37	Overcoming Biological Barriers with Parenteral Nanomedicines: Physiological and Mechanistic Issues. RSC Drug Discovery Series, 2012, , 435-455.	0.2	1
38	In vitro and In vivo Evaluation of the Antidiabetic Activity of Solidago virgaurea Extracts. Current Bioactive Compounds, 2023, 19, .	0.2	1