

# Jinjian Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

54  
papers

2,325  
citations

201575

27  
h-index

214721

47  
g-index

56  
all docs

56  
docs citations

56  
times ranked

3427  
citing authors

#	ARTICLE	IF	CITATIONS
1	Co-delivery of doxorubicin and curcumin by pH-sensitive prodrug nanoparticle for combination therapy of cancer. <i>Scientific Reports</i> , 2016, 6, 21225.	1.6	183
2	Maintenance of Amyloid $\beta$ Peptide Homeostasis by Artificial Chaperones Based on Mixed-shell Polymeric Micelles. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 8985-8990.	7.2	132
3	Surface-adaptive zwitterionic nanoparticles for prolonged blood circulation time and enhanced cellular uptake in tumor cells. <i>Acta Biomaterialia</i> , 2018, 65, 339-348.	4.1	131
4	Silver-Decorated Polymeric Micelles Combined with Curcumin for Enhanced Antibacterial Activity. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 16880-16889.	4.0	126
5	Targeted Chemo-Photodynamic Combination Platform Based on the DOX Prodrug Nanoparticles for Enhanced Cancer Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 13016-13028.	4.0	123
6	Dual Fluorescent and Isotopic Labelled Self-Assembling Vancomycin for in vivo Imaging of Bacterial Infections. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2356-2360.	7.2	98
7	Enhanced Radiosensitization by Gold Nanoparticles with Acid-Triggered Aggregation in Cancer Radiotherapy. <i>Advanced Science</i> , 2019, 6, 1801806.	5.6	98
8	Green Tea Catechin-Based Complex Micelles Combined with Doxorubicin to Overcome Cardiotoxicity and Multidrug Resistance. <i>Theranostics</i> , 2016, 6, 1277-1292.	4.6	85
9	In Vivo Biodistribution of Mixed Shell Micelles with Tunable Hydrophilic/Hydrophobic Surface. <i>Biomacromolecules</i> , 2013, 14, 460-467.	2.6	72
10	Dynamic Biostability, Biodistribution, and Toxicity of $\alpha$ -Peptide-Based Supramolecular Nanofibers. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 2735-2744.	4.0	67
11	Combating bacterial infection by in situ self-assembly of AIEgen-peptide conjugate. <i>Biomaterials</i> , 2020, 244, 119972.	5.7	60
12	Co-delivery of doxorubicin and 131I by thermosensitive micellar-hydrogel for enhanced in situ synergetic chemoradiotherapy. <i>Journal of Controlled Release</i> , 2015, 220, 456-464.	4.8	57
13	ICG-Conjugated and $^{125}\text{I}$ -Labeled Polymeric Micelles with High Biosafety for Multimodality Imaging-Guided Photothermal Therapy of Tumors. <i>Advanced Healthcare Materials</i> , 2020, 9, e1901616.	3.9	56
14	Supramolecular Hydrogel Based on Chlorambucil and Peptide Drug for Cancer Combination Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 331-339.	4.0	52
15	Self-Regulated Multifunctional Collaboration of Targeted Nanocarriers for Enhanced Tumor Therapy. <i>Biomacromolecules</i> , 2014, 15, 3634-3642.	2.6	49
16	A reconstituted two into one thermosensitive hydrogel system assembled by drug-loaded amphiphilic copolymer nanoparticles for the local delivery of paclitaxel. <i>Journal of Materials Chemistry B</i> , 2013, 1, 552-563.	2.9	48
17	Zwitterionic Nanoparticles Constructed with Well-Defined Reduction-Responsive Shell and pH-Sensitive Core for Spatiotemporally Pinpointed Drug Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 14631-14643.	4.0	48
18	Triclosan-based supramolecular hydrogels as nanoantibiotics for enhanced antibacterial activity. <i>Journal of Controlled Release</i> , 2020, 324, 354-365.	4.8	45

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19	Bridging the Gap between Macroscale Drug Delivery Systems and Nanomedicines: A Nanoparticle-Assembled Thermosensitive Hydrogel for Peritumoral Chemotherapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 29323-29333.	4.0	43
20	Polarization of tumor-associated macrophages by TLR7/8 conjugated radiosensitive peptide hydrogel for overcoming tumor radioresistance. <i>Bioactive Materials</i> , 2022, 16, 359-371.	8.6	42
21	Ligand-Switchable Micellar Nanocarriers for Prolonging Circulation Time and Enhancing Targeting Efficiency. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 5296-5304.	4.0	39
22	FRET-enabled monitoring of the thermosensitive nanoscale assembly of polymeric micelles into macroscale hydrogel and sequential cognate micelles release. <i>Biomaterials</i> , 2017, 145, 81-91.	5.7	38
23	In Situ Supramolecular Self-Assembly of Pt(IV) Prodrug to Conquer Cisplatin Resistance. <i>Advanced Functional Materials</i> , 2021, 31, 2101826.	7.8	37
24	A dynamic covalent polymeric antimicrobial for conquering drug-resistant bacterial infection. <i>Exploration</i> , 2022, 2, .	5.4	35
25	A surface-adaptive nanocarrier to prolong circulation time and enhance cellular uptake. <i>Chemical Communications</i> , 2015, 51, 14985-14988.	2.2	33
26	Injectable and pH-responsive self-assembled peptide hydrogel for promoted tumor cell uptake and enhanced cancer chemotherapy. <i>Biomaterials Science</i> , 2022, 10, 854-862.	2.6	31
27	A novel strategy based on a ligand-switchable nanoparticle delivery system for deep tumor penetration. <i>Nanoscale Horizons</i> , 2019, 4, 658-666.	4.1	29
28	Integrin-targeted pH-responsive micelles for enhanced efficiency of anticancer treatment in vitro and in vivo. <i>Nanoscale</i> , 2015, 7, 4451-4460.	2.8	28
29	Acid-Triggered <i>In Situ</i> Aggregation of Gold Nanoparticles for Multimodal Tumor Imaging and Photothermal Therapy. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 1589-1601.	2.6	27
30	Modular Assembly of Tumor-Penetrating and Oligomeric Nanozyme Based on Intrinsically Self-Assembling Protein Nanocages. <i>Advanced Materials</i> , 2021, 33, e2103128.	11.1	27
31	NIR-activated self-sensitized polymeric micelles for enhanced cancer chemo-photothermal therapy. <i>Journal of Controlled Release</i> , 2021, 339, 114-129.	4.8	27
32	Photoswitchable Micelles for the Control of Singlet-Oxygen Generation in Photodynamic Therapies. <i>Biomacromolecules</i> , 2018, 19, 2023-2033.	2.6	25
33	Anticancer Supramolecular Hydrogel of D/L-Peptide with Enhanced Stability and Bioactivity. <i>Journal of Biomedical Nanotechnology</i> , 2018, 14, 1125-1134.	0.5	23
34	Construction of all-in-one peptide nanomedicine with photoacoustic imaging guided mild hyperthermia for enhanced cancer chemotherapy. <i>Chemical Engineering Journal</i> , 2021, 405, 127008.	6.6	23
35	Silver-Coated Nanoparticles Combined with Doxorubicin for Enhanced Anticancer Therapy. <i>Journal of Biomedical Nanotechnology</i> , 2018, 14, 312-320.	0.5	22
36	cRGD-Modified Benzimidazole-based pH-Responsive Nanoparticles for Enhanced Tumor Targeted Doxorubicin Delivery. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 10726-10736.	4.0	21

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37	Silver-decorated, light-activatable polymeric antimicrobials for combined chemo-photodynamic therapy of drug-resistant bacterial infection. <i>Biomaterials Science</i> , 2020, 8, 6350-6361.	2.6	20
38	Enhanced radiotherapy using photothermal therapy based on dual-sensitizer of gold nanoparticles with acid-induced aggregation. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 29, 102241.	1.7	20
39	Development of injectable thermosensitive polypeptide hydrogel as facile radioisotope and radiosensitizer hotspot for synergistic brachytherapy. <i>Acta Biomaterialia</i> , 2020, 114, 133-145.	4.1	19
40	Co-delivery of anionic epitope/CpG vaccine and IDO inhibitor by self-assembled cationic liposomes for combination melanoma immunotherapy. <i>Journal of Materials Chemistry B</i> , 2021, 9, 3892-3899.	2.9	18
41	A peptide-drug hydrogel to enhance the anti-cancer activity of chlorambucil. <i>Biomaterials Science</i> , 2020, 8, 5638-5646.	2.6	17
42	Recent advances of smart acid-responsive gold nanoparticles in tumor therapy. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2020, 12, e1619.	3.3	17
43	Trienzyme-like iron phosphates-based (FePOs) nanozyme for enhanced anti-tumor efficiency with minimal side effects. <i>Chemical Engineering Journal</i> , 2021, 404, 125574.	6.6	17
44	Degradable Tumor-Responsive Iron-Doped Phosphate-Based Glass Nanozyme for H <sub>2</sub> O <sub>2</sub> Self-Supplying Cancer Therapy. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 17153-17163.	4.0	17
45	Simultaneous co-assembly of fenofibrate and ketoprofen peptide for the dual-targeted treatment of nonalcoholic fatty liver disease (NAFLD). <i>Chemical Communications</i> , 2020, 56, 4922-4925.	2.2	16
46	A balanced charged hydrogel with anti-biofouling and antioxidant properties for treatment of irradiation-induced skin injury. <i>Materials Science and Engineering C</i> , 2021, 131, 112538.	3.8	15
47	Rational design of drug delivery systems for potential programmable drug release and improved therapeutic effect. <i>Materials Chemistry Frontiers</i> , 2019, 3, 1159-1167.	3.2	14
48	Multifunctional Hybrid Hydrogel Enhanced Antitumor Therapy through Multiple Destroying DNA Functions by a Triple-Combination Synergistic Therapy. <i>Advanced Healthcare Materials</i> , 2021, 10, e2101190.	3.9	14
49	A coassembled peptide hydrogel boosts the radiosensitization of cisplatin. <i>Chemical Communications</i> , 2020, 56, 13017-13020.	2.2	11
50	Fine tuning the assembly and gel behaviors of PEGylated polypeptide conjugates by the copolymerization of L-alanine and L-benzyl-L-glutamate N-carboxyanhydrides. <i>Journal of Polymer Science Part A</i> , 2017, 55, 1512-1523.	2.5	10
51	<sup>13</sup> C-Ray-Triggered Drug Release of Reactive Oxygen Species-Sensitive Nanomedicine for Enhanced Concurrent Chemoradiation Therapy. <i>ACS Omega</i> , 2021, 6, 19445-19457.	1.6	7
52	Clinical features of immunoglobulin G4-related disease with central nervous system involvement: an analysis of 15 cases. <i>Clinical and Experimental Rheumatology</i> , 2020, 38, 626-632.	0.4	5
53	Paclitaxel-based supramolecular hydrogel loaded with mifepristone for the inhibition of breast cancer metastasis. <i>Cancer Science</i> , 2022, 113, 733-743.	1.7	5
54	Amplified oxidative stress therapy by a degradable copper phosphate nanozyme coated by the <i>in situ</i> polymerization of PEGDA. <i>Journal of Materials Chemistry B</i> , 2021, 9, 8094-8108.	2.9	3