

Jinjin Chen

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

3,388
citations

147566

31
h-index

197535

49
g-index

53
all docs

53
docs citations

53
times ranked

4095
citing authors

#	ARTICLE	IF	CITATIONS
1	Sequentially Responsive Shell-Stacked Nanoparticles for Deep Penetration into Solid Tumors. <i>Advanced Materials</i> , 2017, 29, 1701170.	11.1	360
2	Engineered nanomedicines with enhanced tumor penetration. <i>Nano Today</i> , 2019, 29, 100800.	6.2	317
3	Lipid nanoparticle-mediated codelivery of Cas9 mRNA and single-guide RNA achieves liver-specific in vivo genome editing of <i>Angptl3</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	192
4	Lung-selective mRNA delivery of synthetic lipid nanoparticles for the treatment of pulmonary lymphangioleiomyomatosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	156
5	Biocompatible reduction-responsive polypeptide micelles as nanocarriers for enhanced chemotherapy efficacy in vitro. <i>Journal of Materials Chemistry B</i> , 2013, 1, 69-81.	2.9	141
6	Targeted pH-responsive polyion complex micelle for controlled intracellular drug delivery. <i>Chinese Chemical Letters</i> , 2020, 31, 1178-1182.	4.8	137
7	Receptor and Microenvironment Dual-Recognizable Nanogel for Targeted Chemotherapy of Highly Metastatic Malignancy. <i>Nano Letters</i> , 2017, 17, 4526-4533.	4.5	127
8	Component effect of stem cell-loaded thermosensitive polypeptide hydrogels on cartilage repair. <i>Acta Biomaterialia</i> , 2018, 73, 103-111.	4.1	117
9	Extraction, purification and antioxidant activities of the polysaccharides from maca (<i>Lepidium</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 110	5.1	110
10	Smart transformable nanoparticles for enhanced tumor theranostics. <i>Applied Physics Reviews</i> , 2021, 8, .	5.5	99
11	Mucoadhesive Cationic Polypeptide Nanogel with Enhanced Penetration for Efficient Intravesical Chemotherapy of Bladder Cancer. <i>Advanced Science</i> , 2018, 5, 1800004.	5.6	98
12	Thermo-sensitive polypeptide hydrogel for locally sequential delivery of two-pronged antitumor drugs. <i>Acta Biomaterialia</i> , 2017, 58, 44-53.	4.1	97
13	Positively charged polypeptide nanogel enhances mucoadhesion and penetrability of 10-hydroxycamptothecin in orthotopic bladder carcinoma. <i>Journal of Controlled Release</i> , 2017, 259, 136-148.	4.8	91
14	Injectable Hydrogel-“Microsphere Construct with Sequential Degradation for Locally Synergistic Chemotherapy. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 3487-3496.	4.0	90
15	Neurotransmitter-derived lipidoids (NT-lipidoids) for enhanced brain delivery through intravenous injection. <i>Science Advances</i> , 2020, 6, eabb4429.	4.7	89
16	Preclinical Evaluation of Antitumor Activity of Acid-Sensitive PEGylated Doxorubicin. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 21202-21214.	4.0	77
17	Polyion complex micelles with gradient pH-sensitivity for adjustable intracellular drug delivery. <i>Polymer Chemistry</i> , 2015, 6, 397-405.	1.9	75
18	Spatiotemporally Targeted Nanomedicine Overcomes Hypoxia-Induced Drug Resistance of Tumor Cells after Disrupting Neovasculature. <i>Nano Letters</i> , 2020, 20, 6191-6198.	4.5	75

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19	Imidazole-Based Synthetic Lipidoids for In Vivo mRNA Delivery into Primary T Lymphocytes. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20083-20089.	7.2	74
20	Effect of drying methods on physicochemical properties and antioxidant activities of wolfberry (<i>Lycium barbarum</i>) polysaccharide. <i>Carbohydrate Polymers</i> , 2015, 127, 176-181.	5.1	69
21	Highly Bioadhesive Polymer Membrane Continuously Releases Cytostatic and Anti-Inflammatory Drugs for Peritoneal Adhesion Prevention. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 2026-2036.	2.6	65
22	Sequentially stimuli-responsive anticancer nanomedicines. <i>Nanomedicine</i> , 2021, 16, 261-264.	1.7	55
23	Physicochemical and functional properties of dietary fiber from maca (<i>Lepidium meyenii</i> Walp.) liquor residue. <i>Carbohydrate Polymers</i> , 2015, 132, 509-512.	5.1	54
24	Efficient Delivery of Antisense Oligonucleotides Using Bioreducible Lipid Nanoparticles In Vitro and In Vivo. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 19, 1357-1367.	2.3	53
25	In situ cancer vaccination using lipidoid nanoparticles. <i>Science Advances</i> , 2021, 7, .	4.7	49
26	Advances in Stimuli-Responsive Polypeptide Nanogels. <i>Small Methods</i> , 2018, 2, 1700307.	4.6	48
27	High production of fatty alcohols in <i>Escherichia coli</i> with fatty acid starvation. <i>Microbial Cell Factories</i> , 2016, 15, 129.	1.9	46
28	Protein and mRNA Delivery Enabled by Cholesteryl-Based Biodegradable Lipidoid Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14957-14964.	7.2	44
29	Emerging antitumor applications of extracellularly reengineered polymeric nanocarriers. <i>Biomaterials Science</i> , 2015, 3, 988-1001.	2.6	42
30	Current Developments and Challenges of mRNA Vaccines. <i>Annual Review of Biomedical Engineering</i> , 2022, 24, 85-109.	5.7	39
31	Preliminary characterizations, antioxidant and hepatoprotective activity of polysaccharide from <i>Cistanche deserticola</i> . <i>International Journal of Biological Macromolecules</i> , 2016, 93, 678-685.	3.6	37
32	Rational construction of polycystine-based nanoparticles for biomedical applications. <i>Journal of Materials Chemistry B</i> , 2022, 10, 7173-7182.	2.9	33
33	In Vitro Engineering Chimeric Antigen Receptor Macrophages and T Cells by Lipid Nanoparticle-Mediated mRNA Delivery. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 722-733.	2.6	32
34	pH-Responsive Reversible PEGylation Improves Performance of Antineoplastic Agent. <i>Advanced Healthcare Materials</i> , 2015, 4, 844-855.	3.9	29
35	mRNA Delivery Using Bioreducible Lipidoid Nanoparticles Facilitates Neural Differentiation of Human Mesenchymal Stem Cells. <i>Advanced Healthcare Materials</i> , 2021, 10, e2000938.	3.9	23
36	Selective intracellular drug delivery from pH-responsive polyion complex micelle for enhanced malignancy suppression in vivo. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 135, 283-290.	2.5	22

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37	Enhanced protein degradation by intracellular delivery of pre-fused PROTACs using lipid-like nanoparticles. <i>Journal of Controlled Release</i> , 2021, 330, 1244-1249.	4.8	19
38	Protein and mRNA Delivery Enabled by Cholesteryl-Based Biodegradable Lipidoid Nanoparticles. <i>Angewandte Chemie</i> , 2020, 132, 15067-15074.	1.6	15
39	Combinatorial Library of Cyclic Benzylidene Acetal-Containing pH-Responsive Lipidoid Nanoparticles for Intracellular mRNA Delivery. <i>Bioconjugate Chemistry</i> , 2020, 31, 1835-1843.	1.8	15
40	<i>In Vitro</i> and <i>In Vivo</i> Study of Amphotericin B Formulation with Quaternized Bioreducible Lipidoids. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 1064-1073.	2.6	13
41	Synthetic Glycopolypeptide Micelle for Targeted Drug Delivery to Hepatic Carcinoma. <i>Polymers</i> , 2018, 10, 611.	2.0	11
42	Combinatorial Library of Light-Cleavable Lipidoid Nanoparticles for Intracellular Drug Delivery. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 2391-2398.	2.6	11
43	PCR-Based Seamless Genome Editing with High Efficiency and Fidelity in <i>Escherichia coli</i> . <i>PLoS ONE</i> , 2016, 11, e0149762.	1.1	9
44	Analysis of mixtures of fatty acids and fatty alcohols in fermentation broth. <i>Journal of Chromatography A</i> , 2014, 1323, 66-72.	1.8	8
45	Imidazole-Based Synthetic Lipidoids for <i>In Vivo</i> mRNA Delivery into Primary T Lymphocytes. <i>Angewandte Chemie</i> , 2020, 132, 20258-20264.	1.6	8
46	Efficient One-Step Fusion PCR Based on Dual-Asymmetric Primers and Two-Step Annealing. <i>Molecular Biotechnology</i> , 2018, 60, 92-99.	1.3	6
47	Drug Delivery: pH-Responsive Reversible PEGylation Improves Performance of Antineoplastic Agent (<i>Adv. Healthcare Mater.</i> 6/2015). <i>Advanced Healthcare Materials</i> , 2015, 4, 786-786.	3.9	1
48	Controlled Syntheses of Functional Polypeptides. <i>ACS Symposium Series</i> , 2017, , 149-170.	0.5	1
49	pH-sensitive polyion complex micelles for tunable intracellular drug delivery. <i>Journal of Controlled Release</i> , 2015, 213, e55.	4.8	0
50	Correction: Biocompatible reduction-responsive polypeptide micelles as nanocarriers for enhanced chemotherapy efficacy <i>in vitro</i> . <i>Journal of Materials Chemistry B</i> , 2015, 3, 1455-1456.	2.9	0
51	Enzymatically Synthesized Polyesters for Drug Delivery. , 2016, , 61-80.		0