

# Xiaoxuan Liu

## List of Publications by Year in descending order

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24  
papers

1,631  
citations

471371

17  
h-index

610775

24  
g-index

24  
all docs

24  
docs citations

24  
times ranked

2492  
citing authors

#	ARTICLE	IF	CITATIONS
1	A biodegradable amphiphilic poly(aminoester) dendrimer for safe and effective siRNA delivery. <i>Chemical Communications</i> , 2022, 58, 4168-4171.	2.2	5
2	Amphiphilic Dendrimer Vectors for RNA Delivery: State-of-the-Art and Future Perspective. <i>Accounts of Materials Research</i> , 2022, 3, 484-497.	5.9	19
3	Synthesis and use of an amphiphilic dendrimer for siRNA delivery into primary immune cells. <i>Nature Protocols</i> , 2021, 16, 327-351.	5.5	30
4	Reactive oxygen species-responsive nanoplatfoms for nucleic acid-based gene therapy of cancer and inflammatory diseases. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 042015.	1.7	6
5	A Self-Assembling Amphiphilic Peptide Dendrimer-Based Drug Delivery System for Cancer Therapy. <i>Pharmaceutics</i> , 2021, 13, 1092.	2.0	14
6	An amphiphilic dendrimer as a light-activable immunological adjuvant for in situ cancer vaccination. <i>Nature Communications</i> , 2021, 12, 4964.	5.8	44
7	A stimuli-responsive combination therapy for recovering p53-inactivation associated drug resistance. <i>Materials Science and Engineering C</i> , 2020, 108, 110403.	3.8	11
8	Novel triazole nucleoside analogues promote anticancer activity via both apoptosis and autophagy. <i>Chemical Communications</i> , 2020, 56, 10014-10017.	2.2	5
9	Amphiphilic peptide dendrimer-based nanovehicles for safe and effective siRNA delivery. <i>Biophysics Reports</i> , 2020, 6, 278-289.	0.2	9
10	Self-assembly of amphiphilic phospholipid peptide dendrimer-based nanovectors for effective delivery of siRNA therapeutics in prostate cancer therapy. <i>Journal of Controlled Release</i> , 2020, 322, 416-425.	4.8	49
11	Smart pH-Sensitive Nanogels for Enhancing Synergistic Anticancer Effects of Integrin $\alpha$ <sub>v</sub> $\beta$ <sub>3</sub> Specific Apoptotic Peptide and Therapeutic Nitric Oxide. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 34663-34675.	4.0	13
12	A Dual Targeting Dendrimer-Mediated siRNA Delivery System for Effective Gene Silencing in Cancer Therapy. <i>Journal of the American Chemical Society</i> , 2018, 140, 16264-16274.	6.6	159
13	Molecular engineering of dendrimer nanovectors for siRNA delivery and gene silencing. <i>Frontiers of Chemical Science and Engineering</i> , 2017, 11, 663-675.	2.3	23
14	Mastering Dendrimer Self-Assembly for Efficient siRNA Delivery: From Conceptual Design to In Vivo Efficient Gene Silencing. <i>Small</i> , 2016, 12, 3667-3676.	5.2	78
15	A Fluorinated Bola-Amphiphilic Dendrimer for On-Demand Delivery of siRNA, via Specific Response to Reactive Oxygen Species. <i>Advanced Functional Materials</i> , 2016, 26, 8594-8603.	7.8	56
16	Downregulation of TLX induces TET3 expression and inhibits glioblastoma stem cell self-renewal and tumorigenesis. <i>Nature Communications</i> , 2016, 7, 10637.	5.8	67
17	Anticancer drug nanomicelles formed by self-assembling amphiphilic dendrimer to combat cancer drug resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 2978-2983.	3.3	318
18	Adaptive Amphiphilic Dendrimer-Based Nanoassemblies as Robust and Versatile siRNA Delivery Systems. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11822-11827.	7.2	181

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19	Structurally flexible triethanolamine-core poly(amidoamine) dendrimers as effective nanovectors to deliver RNAi-based therapeutics. <i>Biotechnology Advances</i> , 2014, 32, 844-852.	6.0	56
20	Targeted delivery of Dicer-substrate siRNAs using a dual targeting peptide decorated dendrimer delivery system. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 1627-1636.	1.7	44
21	Novel RNA oligonucleotide improves liver function and inhibits liver carcinogenesis <i>in vivo</i> . <i>Hepatology</i> , 2014, 59, 216-227.	3.6	92
22	Impact of siRNA Overhangs for Dendrimer-Mediated siRNA Delivery and Gene Silencing. <i>Molecular Pharmaceutics</i> , 2013, 10, 3262-3273.	2.3	43
23	Dendrimers as non-viral vectors for siRNA delivery. <i>New Journal of Chemistry</i> , 2012, 36, 256-263.	1.4	89
24	An Amphiphilic Dendrimer for Effective Delivery of Small Interfering RNA and Gene Silencing <i>In vitro</i> and <i>In vivo</i> . <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8478-8484.	7.2	220