

Jessica A Kretzmann

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

443
citations

1162367

8
h-index

940134

16
g-index

18
all docs

18
docs citations

18
times ranked

636
citing authors

#	ARTICLE	IF	CITATIONS
1	Programmable icosahedral shell system for virus trapping. <i>Nature Materials</i> , 2021, 20, 1281-1289.	13.3	116
2	Synthetically controlling dendrimer flexibility improves delivery of large plasmid DNA. <i>Chemical Science</i> , 2017, 8, 2923-2930.	3.7	101
3	Protein Delivery into the Cell Cytosol using Non-Viral Nanocarriers. <i>Theranostics</i> , 2019, 9, 3280-3292.	4.6	84
4	Tumour suppression by targeted intravenous non-viral CRISPRa using dendritic polymers. <i>Chemical Science</i> , 2019, 10, 7718-7727.	3.7	37
5	Regulation of Proteins to the Cytosol Using Delivery Systems with Engineered Polymer Architecture. <i>Journal of the American Chemical Society</i> , 2021, 143, 4758-4765.	6.6	34
6	Elucidating the Inability of Functionalized Nanoparticles to Cross the Blood-Brain Barrier and Target Specific Cells in Vivo. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 22085-22095.	4.0	18
7	Intracellular speciation of gold nanorods alters the conformational dynamics of genomic DNA. <i>Nature Nanotechnology</i> , 2018, 13, 1148-1153.	15.6	16
8	Surface Diffusion of Dendronized Polymers Correlates with Their Transfection Potential. <i>Langmuir</i> , 2020, 36, 9074-9080.	1.6	9
9	Modulating gene expression in breast cancer via DNA secondary structure and the CRISPR toolbox. <i>NAR Cancer</i> , 2021, 3, zcab048.	1.6	8
10	Non-viral Methodology for Efficient Co-transfection. <i>Methods in Molecular Biology</i> , 2018, 1767, 241-254.	0.4	5
11	Advances in CRISPR/Cas9 Technology for <i>in Vivo</i> Translation. <i>Biological and Pharmaceutical Bulletin</i> , 2019, 42, 304-311.	0.6	4
12	Regulation of collagen expression using nanoparticle mediated inhibition of TGF- β 2 activation. <i>New Journal of Chemistry</i> , 2016, 40, 1091-1095.	1.4	3
13	Synthetic copolymer conjugates of docetaxel and in vitro assessment of anticancer efficacy. <i>New Journal of Chemistry</i> , 2020, 44, 20013-20020.	1.4	3
14	A facile methodology using quantum dot multiplex labels for tracking co-transfection. <i>RSC Advances</i> , 2019, 9, 20053-20057.	1.7	2
15	Macromolecular approach for targeted radioimmunotherapy in non-Hodgkin's lymphoma. <i>Chemical Communications</i> , 2019, 55, 14506-14509.	2.2	2
16	A dendronized polymer variant that facilitates safe delivery of a calcium channel antagonist to the heart. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 29, 102264.	1.7	1
17	Targeted Therapeutic Genome Engineering: Opportunities and Bottlenecks in Medical Translation. <i>ACS Symposium Series</i> , 2019, , 1-34.	0.5	0
18	Dendronised Polymers as Templates for In Situ Quantum Dot Synthesis. <i>Australian Journal of Chemistry</i> , 2020, 73, 658.	0.5	0