

Margaret M Billingsley

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

4,459
citations

567281

15
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

3866
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering precision nanoparticles for drug delivery. <i>Nature Reviews Drug Discovery</i> , 2021, 20, 101-124.	46.4	3,154
2	Ionizable Lipid Nanoparticle-Mediated mRNA Delivery for Human CAR T Cell Engineering. <i>Nano Letters</i> , 2020, 20, 1578-1589.	9.1	299
3	Nanomaterials for T-cell cancer immunotherapy. <i>Nature Nanotechnology</i> , 2021, 16, 25-36.	31.5	191
4	Biomaterials for vaccine-based cancer immunotherapy. <i>Journal of Controlled Release</i> , 2018, 292, 256-276.	9.9	146
5	Ionizable lipid nanoparticles encapsulating barcoded mRNA for accelerated in vivo delivery screening. <i>Journal of Controlled Release</i> , 2019, 316, 404-417.	9.9	111
6	Ionizable lipid nanoparticles for in utero mRNA delivery. <i>Science Advances</i> , 2021, 7, .	10.3	110
7	Helper lipid structure influences protein adsorption and delivery of lipid nanoparticles to spleen and liver. <i>Biomaterials Science</i> , 2021, 9, 1449-1463.	5.4	84
8	One-Component Multifunctional Sequence-Defined Ionizable Amphiphilic Janus Dendrimer Delivery Systems for mRNA. <i>Journal of the American Chemical Society</i> , 2021, 143, 12315-12327.	13.7	66
9	Orthogonal Design of Experiments for Optimization of Lipid Nanoparticles for mRNA Engineering of CAR T Cells. <i>Nano Letters</i> , 2022, 22, 533-542.	9.1	57
10	Antibody-nanoparticle conjugates to enhance the sensitivity of ELISA-based detection methods. <i>PLoS ONE</i> , 2017, 12, e0177592.	2.5	51
11	Evaluating the Mechanisms of Light-Triggered siRNA Release from Nanoshells for Temporal Control Over Gene Regulation. <i>Nano Letters</i> , 2018, 18, 3565-3570.	9.1	49
12	Delivery technologies for T cell gene editing: Applications in cancer immunotherapy. <i>EBioMedicine</i> , 2021, 67, 103354.	6.1	48
13	Hydroxycholesterol substitution in ionizable lipid nanoparticles for mRNA delivery to T cells. <i>Journal of Controlled Release</i> , 2022, 347, 521-532.	9.9	33
14	Amniotic fluid stabilized lipid nanoparticles for in utero intra-amniotic mRNA delivery. <i>Journal of Controlled Release</i> , 2022, 341, 616-633.	9.9	29
15	Quantification of siRNA Duplexes Bound to Gold Nanoparticle Surfaces. <i>Methods in Molecular Biology</i> , 2017, 1570, 1-15.	0.9	16
16	A Nanoparticle Platform for Accelerated In Vivo Oral Delivery Screening of Nucleic Acids. <i>Advanced Therapeutics</i> , 2021, 4, .	3.2	13
17	Lighting the way to personalized mRNA immune cell therapies. <i>Science Advances</i> , 2022, 8, eabo2423.	10.3	2
18	Ionizable Lipid Nanoparticle Platforms for in Utero Drug Delivery. <i>Journal of the American College of Surgeons</i> , 2020, 231, S204.	0.5	0