

Margaret M Billingsley

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

4,459
citations

566801

15
h-index

887659

17
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18
all docs

18
docs citations

18
times ranked

3866
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Orthogonal Design of Experiments for Optimization of Lipid Nanoparticles for mRNA Engineering of CAR T Cells. <i>Nano Letters</i> , 2022, 22, 533-542. | 4.5 | 57 |
| 2 | Amniotic fluid stabilized lipid nanoparticles for in utero intra-amniotic mRNA delivery. <i>Journal of Controlled Release</i> , 2022, 341, 616-633. | 4.8 | 29 |
| 3 | Lighting the way to personalized mRNA immune cell therapies. <i>Science Advances</i> , 2022, 8, eabo2423. | 4.7 | 2 |
| 4 | Hydroxycholesterol substitution in ionizable lipid nanoparticles for mRNA delivery to T cells. <i>Journal of Controlled Release</i> , 2022, 347, 521-532. | 4.8 | 33 |
| 5 | Engineering precision nanoparticles for drug delivery. <i>Nature Reviews Drug Discovery</i> , 2021, 20, 101-124. | 21.5 | 3,154 |
| 6 | A Nanoparticle Platform for Accelerated In Vivo Oral Delivery Screening of Nucleic Acids. <i>Advanced Therapeutics</i> , 2021, 4, . | 1.6 | 13 |
| 7 | Helper lipid structure influences protein adsorption and delivery of lipid nanoparticles to spleen and liver. <i>Biomaterials Science</i> , 2021, 9, 1449-1463. | 2.6 | 84 |
| 8 | Ionizable lipid nanoparticles for in utero mRNA delivery. <i>Science Advances</i> , 2021, 7, . | 4.7 | 110 |
| 9 | Nanomaterials for T-cell cancer immunotherapy. <i>Nature Nanotechnology</i> , 2021, 16, 25-36. | 15.6 | 191 |
| 10 | Delivery technologies for T cell gene editing: Applications in cancer immunotherapy. <i>EBioMedicine</i> , 2021, 67, 103354. | 2.7 | 48 |
| 11 | 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. | 6.6 | 66 |
| 12 | Ionizable Lipid Nanoparticle Platforms for in Utero Drug Delivery. <i>Journal of the American College of Surgeons</i> , 2020, 231, S204. | 0.2 | 0 |
| 13 | Ionizable Lipid Nanoparticle-Mediated mRNA Delivery for Human CAR T Cell Engineering. <i>Nano Letters</i> , 2020, 20, 1578-1589. | 4.5 | 299 |
| 14 | Ionizable lipid nanoparticles encapsulating barcoded mRNA for accelerated in vivo delivery screening. <i>Journal of Controlled Release</i> , 2019, 316, 404-417. | 4.8 | 111 |
| 15 | Evaluating the Mechanisms of Light-Triggered siRNA Release from Nanoshells for Temporal Control Over Gene Regulation. <i>Nano Letters</i> , 2018, 18, 3565-3570. | 4.5 | 49 |
| 16 | Biomaterials for vaccine-based cancer immunotherapy. <i>Journal of Controlled Release</i> , 2018, 292, 256-276. | 4.8 | 146 |
| 17 | Quantification of siRNA Duplexes Bound to Gold Nanoparticle Surfaces. <i>Methods in Molecular Biology</i> , 2017, 1570, 1-15. | 0.4 | 16 |
| 18 | Antibody-nanoparticle conjugates to enhance the sensitivity of ELISA-based detection methods. <i>PLoS ONE</i> , 2017, 12, e0177592. | 1.1 | 51 |