

Lukas Farbiak

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

1,640
citations

1162367

8
h-index

1473754

9
g-index

9
all docs

9
docs citations

9
times ranked

1317
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|------|-----------|
| 1 | Lipid nanoparticle chemistry determines how nucleoside base modifications alter mRNA delivery. <i>Journal of Controlled Release</i> , 2022, 341, 206-214. | 4.8 | 27 |
| 2 | Optimization of phospholipid chemistry for improved lipid nanoparticle (LNP) delivery of messenger RNA (mRNA). <i>Biomaterials Science</i> , 2022, 10, 549-559. | 2.6 | 56 |
| 3 | Enhancing CRISPR/Cas gene editing through modulating cellular mechanical properties for cancer therapy. <i>Nature Nanotechnology</i> , 2022, 17, 777-787. | 15.6 | 80 |
| 4 | Membrane-destabilizing ionizable phospholipids for organ-selective mRNA delivery and CRISPR-Cas gene editing. <i>Nature Materials</i> , 2021, 20, 701-710. | 13.3 | 281 |
| 5 | All- <i>One</i> Dendrimer-Based Lipid Nanoparticles Enable Precise HDR-Mediated Gene Editing <i>In Vivo</i> . <i>Advanced Materials</i> , 2021, 33, e2006619. | 11.1 | 52 |
| 6 | Hydrophobic Optimization of Functional Poly(TPAE-co-suberoyl chloride) for Extrahepatic mRNA Delivery following Intravenous Administration. <i>Pharmaceutics</i> , 2021, 13, 1914. | 2.0 | 7 |
| 7 | Delivery of Tissue-Targeted Scalpels: Opportunities and Challenges for <i>In Vivo</i> CRISPR/Cas-Based Genome Editing. <i>ACS Nano</i> , 2020, 14, 9243-9262. | 7.3 | 69 |
| 8 | Selective organ targeting (SORT) nanoparticles for tissue-specific mRNA delivery and CRISPR-Cas gene editing. <i>Nature Nanotechnology</i> , 2020, 15, 313-320. | 15.6 | 932 |
| 9 | Dendrimer-Based Lipid Nanoparticles Deliver Therapeutic FAH mRNA to Normalize Liver Function and Extend Survival in a Mouse Model of Hepatorenal Tyrosinemia Type I. <i>Advanced Materials</i> , 2018, 30, e1805308. | 11.1 | 136 |