

Lukas Farbiak

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9147682/publications.pdf>

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	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
2	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
3	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
4	Enhancing CRISPR/Cas gene editing through modulating cellular mechanical properties for cancer therapy. <i>Nature Nanotechnology</i> , 2022, 17, 777-787.	15.6	80
5	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
6	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
7	All- <i>In Vivo</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
8	Lipid nanoparticle chemistry determines how nucleoside base modifications alter mRNA delivery. <i>Journal of Controlled Release</i> , 2022, 341, 206-214.	4.8	27
9	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