

J Robert Dorkin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11923316/publications.pdf>

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16
papers

9,219
citations

516710

16
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

9886
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-viral vectors for gene-based therapy. <i>Nature Reviews Genetics</i> , 2014, 15, 541-555.	16.3	2,572
2	Rational design of cationic lipids for siRNA delivery. <i>Nature Biotechnology</i> , 2010, 28, 172-176.	17.5	1,366
3	A combinatorial library of lipid-like materials for delivery of RNAi therapeutics. <i>Nature Biotechnology</i> , 2008, 26, 561-569.	17.5	1,076
4	Targeted Delivery of RNAi Therapeutics With Endogenous and Exogenous Ligand-Based Mechanisms. <i>Molecular Therapy</i> , 2010, 18, 1357-1364.	8.2	831
5	Lipid-like materials for low-dose, in vivo gene silencing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 1864-1869.	7.1	776
6	Lipid Nanoparticle Assisted mRNA Delivery for Potent Cancer Immunotherapy. <i>Nano Letters</i> , 2017, 17, 1326-1335.	9.1	506
7	Optimization of Lipid Nanoparticle Formulations for mRNA Delivery in Vivo with Fractional Factorial and Definitive Screening Designs. <i>Nano Letters</i> , 2015, 15, 7300-7306.	9.1	484
8	Degradable lipid nanoparticles with predictable in vivo siRNA delivery activity. <i>Nature Communications</i> , 2014, 5, 4277.	12.8	431
9	Lipopeptide nanoparticles for potent and selective siRNA delivery in rodents and nonhuman primates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 3955-3960.	7.1	366
10	Development of Lipidoid siRNA Formulations for Systemic Delivery to the Liver. <i>Molecular Therapy</i> , 2009, 17, 872-879.	8.2	312
11	Bioinspired Alkenyl Amino Alcohol Ionizable Lipid Materials for Highly Potent In Vivo mRNA Delivery. <i>Advanced Materials</i> , 2016, 28, 2939-2943.	21.0	172
12	Poly(glycoamidoamine) Brushes Formulated Nanomaterials for Systemic siRNA and mRNA Delivery in Vivo. <i>Nano Letters</i> , 2016, 16, 842-848.	9.1	98
13	<i>In Vitro</i> to <i>In Vivo</i> Translation of Lipid Nanoparticles for Hepatocellular siRNA Delivery. <i>ACS Nano</i> , 2012, 6, 6922-6929.	14.6	96
14	Rapid, Single-Cell Analysis and Discovery of Vectored mRNA Transfection In Vivo with a loxP-Flanked tdTomato Reporter Mouse. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 10, 55-63.	5.1	59
15	Lipid-Like Nanomaterials for Simultaneous Gene Expression and Silencing In Vivo. <i>Advanced Healthcare Materials</i> , 2014, 3, 1392-1397.	7.6	53
16	Assessing siRNA Pharmacodynamics in a Luciferase-expressing Mouse. <i>Molecular Therapy</i> , 2008, 16, 1995-2001.	8.2	21