

Rachel S Riley

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3960165/publications.pdf>

Version: 2024-02-01

18
papers

2,823
citations

516710

16
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

4481
citing authors

#	ARTICLE	IF	CITATIONS
1	Delivery technologies for cancer immunotherapy. <i>Nature Reviews Drug Discovery</i> , 2019, 18, 175-196.	46.4	1,562
2	Gold nanoparticle-mediated photothermal therapy: applications and opportunities for multimodal cancer treatment. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2017, 9, e1449.	6.1	512
3	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
4	Ionizable lipid nanoparticles for in utero mRNA delivery. <i>Science Advances</i> , 2021, 7, .	10.3	110
5	Nanoparticles for nucleic acid delivery: Applications in cancer immunotherapy. <i>Cancer Letters</i> , 2019, 458, 102-112.	7.2	82
6	Advances in targeted nanotherapeutics: From bioconjugation to biomimicry. <i>Nano Research</i> , 2018, 11, 4999-5016.	10.4	60
7	Frizzled7 Antibody-Functionalized Nanoshells Enable Multivalent Binding for Wnt Signaling Inhibition in Triple Negative Breast Cancer Cells. <i>Small</i> , 2017, 13, 1700544.	10.0	54
8	Antibody-nanoparticle conjugates to enhance the sensitivity of ELISA-based detection methods. <i>PLoS ONE</i> , 2017, 12, e0177592.	2.5	51
9	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
10	Added to pre-existing inflammation, mRNA-lipid nanoparticles induce inflammation exacerbation (IE). <i>Journal of Controlled Release</i> , 2022, 344, 50-61.	9.9	49
11	Potent in vivo lung cancer Wnt signaling inhibition via cyclodextrin-LGK974 inclusion complexes. <i>Journal of Controlled Release</i> , 2018, 290, 75-87.	9.9	35
12	Exploiting the placenta for nanoparticle-mediated drug delivery during pregnancy. <i>Advanced Drug Delivery Reviews</i> , 2020, 160, 244-261.	13.7	34
13	Evaluating Nanoshells and a Potent Biladiene Photosensitizer for Dual Photothermal and Photodynamic Therapy of Triple Negative Breast Cancer Cells. <i>Nanomaterials</i> , 2018, 8, 658.	4.1	32
14	Layer-by-Layer Assembled Gold Nanoshells for the Intracellular Delivery of miR-34a. <i>Cellular and Molecular Bioengineering</i> , 2018, 11, 383-396.	2.1	28
15	Photochemotherapeutic Properties of a Linear Tetrapyrrole Palladium(II) Complex displaying an Exceptionally High Phototoxicity Index. <i>Inorganic Chemistry</i> , 2018, 57, 10608-10615.	4.0	26
16	Quantification of siRNA Duplexes Bound to Gold Nanoparticle Surfaces. <i>Methods in Molecular Biology</i> , 2017, 1570, 1-15.	0.9	16
17	Overcoming the challenge of long-term storage of mRNA-lipid nanoparticle vaccines. <i>Molecular Therapy</i> , 2022, 30, 1792-1793.	8.2	7
18	Enzyme-Linked Immunosorbent Assay to Quantify Targeting Molecules on Nanoparticles. <i>Methods in Molecular Biology</i> , 2018, 1831, 145-157.	0.9	5