

Jeonghwan Kim

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

6,059
citations

218381

26
h-index

344852

36
g-index

39
all docs

39
docs citations

39
times ranked

8951
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanomedicine hitchhikes on neutrophils to the inflamed lung. <i>Nature Nanotechnology</i> , 2022, 17, 1-2.	15.6	19
2	Chemistry of Lipid Nanoparticles for RNA Delivery. <i>Accounts of Chemical Research</i> , 2022, 55, 2-12.	7.6	230
3	Mining LTR-retrotransposon genes for mRNA delivery. <i>Trends in Pharmacological Sciences</i> , 2022, , .	4.0	0
4	Matrix stiffness regulates lipid nanoparticle-mRNA delivery in cell-laden hydrogels. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2022, 42, 102550.	1.7	5
5	Illuminating endosomal escape of polymorphic lipid nanoparticles that boost mRNA delivery. <i>Biomaterials Science</i> , 2021, 9, 4289-4300.	2.6	52
6	Self-assembled mRNA vaccines. <i>Advanced Drug Delivery Reviews</i> , 2021, 170, 83-112.	6.6	248
7	RNA-Based Therapeutics: Current Developments in Targeted Molecular Therapy of Triple-Negative Breast Cancer. <i>Pharmaceutics</i> , 2021, 13, 1694.	2.0	17
8	Engineered mutant $\text{I}\pm\text{-ENaC}$ subunit mRNA delivered by lipid nanoparticles reduces amiloride currents in cystic fibrosisâ€based cell and mice models. <i>Science Advances</i> , 2020, 6, .	4.7	13
9	Deconvoluting Lipid Nanoparticle Structure for Messenger RNA Delivery. <i>Nano Letters</i> , 2020, 20, 4543-4549.	4.5	193
10	Naturally Derived Membrane Lipids Impact Nanoparticle-Based Messenger RNA Delivery. <i>Cellular and Molecular Bioengineering</i> , 2020, 13, 463-474.	1.0	34
11	Naturally-occurring cholesterol analogues in lipid nanoparticles induce polymorphic shape and enhance intracellular delivery of mRNA. <i>Nature Communications</i> , 2020, 11, 983.	5.8	221
12	The effects of PEGylation on LNP based mRNA delivery to the eye. <i>PLoS ONE</i> , 2020, 15, e0241006.	1.1	91
13	Brief update on endocytosis of nanomedicines. <i>Advanced Drug Delivery Reviews</i> , 2019, 144, 90-111.	6.6	251
14	NanoDDS 2018: The 16th International Nanomedicine & Drug Delivery Symposium. <i>Journal of Controlled Release</i> , 2019, 310, 22-23.	4.8	1
15	Advances in intracellular delivery through supramolecular self-assembly of oligonucleotides and peptides. <i>Theranostics</i> , 2019, 9, 3191-3212.	4.6	50
16	Micellar Formulation of Talazoparib and Buparlisib for Enhanced DNA Damage in Breast Cancer Chemoradiotherapy. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 12342-12356.	4.0	17
17	Drug induced micellization into ultra-high capacity and stable curcumin nanoformulations: Physico-chemical characterization and evaluation in 2D and 3D in vitro models. <i>Journal of Controlled Release</i> , 2019, 303, 162-180.	4.8	59
18	Lipid nanoparticles for delivery of messenger RNA to the back of the eye. <i>Journal of Controlled Release</i> , 2019, 303, 91-100.	4.8	134

#	ARTICLE	IF	CITATIONS
19	Messenger RNA Delivery for Tissue Engineering and Regenerative Medicine Applications. <i>Tissue Engineering - Part A</i> , 2019, 25, 91-112.	1.6	68
20	Supramolecular self assembly of nanodiamond-like structures for intracellular delivery. <i>Journal of Controlled Release</i> , 2018, 282, 76-89.	4.8	21
21	Nanoalginate via Inverse-Micelle Synthesis: Doxorubicin-Encapsulation and Breast Cancer Cytotoxicity. <i>Nanoscale Research Letters</i> , 2018, 13, 350.	3.1	13
22	Biodistribution and Toxicity of Micellar Platinum Nanoparticles in Mice via Intravenous Administration. <i>Nanomaterials</i> , 2018, 8, 410.	1.9	30
23	Lipid Nanoparticle-Delivered Chemically Modified mRNA Restores Chloride Secretion in Cystic Fibrosis. <i>Molecular Therapy</i> , 2018, 26, 2034-2046.	3.7	184
24	Boosting Intracellular Delivery of Lipid Nanoparticle-Encapsulated mRNA. <i>Nano Letters</i> , 2017, 17, 5711-5718.	4.5	167
25	PEGylated polypeptide lipid nanocapsules to enhance the anticancer efficacy of erlotinib in non-small cell lung cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 150, 393-401.	2.5	32
26	Molecularly targeted co-delivery of a histone deacetylase inhibitor and paclitaxel by lipid-protein hybrid nanoparticles for synergistic combinational chemotherapy. <i>Oncotarget</i> , 2017, 8, 14925-14940.	0.8	38
27	PEGylated lipid bilayer-supported mesoporous silica nanoparticle composite for synergistic co-delivery of axitinib and celestrol in multi-targeted cancer therapy. <i>Acta Biomaterialia</i> , 2016, 39, 94-105.	4.1	116
28	In vitro and ex vivo strategies for intracellular delivery. <i>Nature</i> , 2016, 538, 183-192.	13.7	662
29	PEG-lipid micelles enable cholesterol efflux in Niemann-Pick Type C1 disease-based lysosomal storage disorder. <i>Scientific Reports</i> , 2016, 6, 31750.	1.6	33
30	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.	3.3	366
31	Novel Dual Drug-Loaded Block Ionomer Complex Micelles for Enhancing the Efficacy of Chemotherapy Treatments. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 1304-1312.	0.5	38
32	Efficiency of siRNA delivery by lipid nanoparticles is limited by endocytic recycling. <i>Nature Biotechnology</i> , 2013, 31, 653-658.	9.4	660
33	Endocytosis of nanomedicines. <i>Journal of Controlled Release</i> , 2010, 145, 182-195.	4.8	1,755
34	The utilization of pathogen-like cellular trafficking by single chain block copolymer. <i>Biomaterials</i> , 2010, 31, 1757-1764.	5.7	47
35	Different Internalization Pathways of Polymeric Micelles and Unimers and Their Effects on Vesicular Transport. <i>Bioconjugate Chemistry</i> , 2008, 19, 2023-2029.	1.8	163