

Kameron V Kilchrist

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

890
citations

623574

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752573

20
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24
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docs citations

24
times ranked

1583
citing authors

#	ARTICLE	IF	CITATIONS
1	Amphiphilic Polyelectrolyte Graft Copolymers Enhance the Activity of Cyclic Dinucleotide STING Agonists. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001056.	3.9	10
2	Endosomal Escape: Amphiphilic Polyelectrolyte Graft Copolymers Enhance the Activity of Cyclic Dinucleotide STING Agonists (<i>Adv. Healthcare Mater.</i> 2/2021). <i>Advanced Healthcare Materials</i> , 2021, 10, 2170004.	3.9	0
3	Modifying Cell Membranes with Anionic Polymer Amphiphiles Potentiates Intracellular Delivery of Cationic Peptides. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 50222-50235.	4.0	11
4	Genetically Encoded Split-Luciferase Biosensors to Measure Endosome Disruption Rapidly in Live Cells. <i>ACS Sensors</i> , 2020, 5, 1929-1936.	4.0	14
5	Endosomolytic and Tumor-Penetrating Mesoporous Silica Nanoparticles for siRNA/miRNA Combination Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 4308-4322.	4.0	115
6	Gal8 Visualization of Endosome Disruption Predicts Carrier-Mediated Biologic Drug Intracellular Bioavailability. <i>ACS Nano</i> , 2019, 13, 1136-1152.	7.3	67
7	An anionic, endosome-escaping polymer to potentiate intracellular delivery of cationic peptides, biomacromolecules, and nanoparticles. <i>Nature Communications</i> , 2019, 10, 5012.	5.8	58
8	Microparticle Depots for Controlled and Sustained Release of Endosomolytic Nanoparticles. <i>Cellular and Molecular Bioengineering</i> , 2019, 12, 429-442.	1.0	9
9	Rapid changes in the microvascular circulation of skeletal muscle impair insulin delivery during sepsis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019, 316, E1012-E1023.	1.8	7
10	Rapid changes in the microvascular circulation of skeletal muscle impair insulin delivery during sepsis. <i>FASEB Journal</i> , 2019, 33, 685.4.	0.2	0
11	Selective mTORC2 Inhibitor Therapeutically Blocks Breast Cancer Cell Growth and Survival. <i>Cancer Research</i> , 2018, 78, 1845-1858.	0.4	54
12	Excipients for the lyoprotection of MAPKAP kinase 2 inhibitory peptide nano-polyplexes. <i>Journal of Controlled Release</i> , 2018, 282, 110-119.	4.8	10
13	Quantitative capillary blood flow spatial analysis in skeletal muscle during sepsis. <i>FASEB Journal</i> , 2018, 32, .	0.2	0
14	Zwitterionic Nanocarrier Surface Chemistry Improves siRNA Tumor Delivery and Silencing Activity Relative to Polyethylene Glycol. <i>ACS Nano</i> , 2017, 11, 5680-5696.	7.3	96
15	Lipophilic siRNA targets albumin in situ and promotes bioavailability, tumor penetration, and carrier-free gene silencing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E6490-E6497.	3.3	96
16	Mechanism of Enhanced Cellular Uptake and Cytosolic Retention of MK2 Inhibitory Peptide Nano-polyplexes. <i>Cellular and Molecular Bioengineering</i> , 2016, 9, 368-381.	1.0	33
17	Porous Silicon and Polymer Nanocomposites for Delivery of Peptide Nucleic Acids as Anti-microRNA Therapies. <i>Advanced Materials</i> , 2016, 28, 7984-7992.	11.1	56
18	Hydrolytic charge reversal of PEG ylated polyplexes enhances intracellular un packaging and activity of si RNA. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 917-927.	2.1	8

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19	Endosomolytic Nano-Polyplex Platform Technology for Cytosolic Peptide Delivery To Inhibit Pathological Vasoconstriction. ACS Nano, 2015, 9, 5893-5907.	7.3	43
20	MK2 inhibitory peptide delivered in nanopolyplexes prevents vascular graft intimal hyperplasia. Science Translational Medicine, 2015, 7, 291ra95.	5.8	43
21	Conjugation of palmitic acid improves potency and longevity of siRNA delivered via endosomolytic polymer nanoparticles. Journal of Biomedical Materials Research - Part A, 2015, 103, 3107-3116.	2.1	26
22	Tuning PEGylation of mixed micelles to overcome intracellular and systemic siRNA delivery barriers. Biomaterials, 2015, 38, 97-107.	5.7	111
23	Thiolâ€acrylate nanocomposite foams for critical size bone defect repair: A novel biomaterial. Journal of Biomedical Materials Research - Part A, 2013, 101, 3531-3541.	2.1	22