Kameron V Kilchrist

List of Publications by Year
in descending order

23	890	623734	752698
papers	citations	14 h-index	20 g-index

24	24	24	1583
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Endosomolytic and Tumor-Penetrating Mesoporous Silica Nanoparticles for siRNA/miRNA Combination Cancer Therapy. ACS Applied Materials & Interfaces, 2020, 12, 4308-4322.	8.0	115
2	Tuning PEGylation of mixed micelles to overcome intracellular and systemic siRNA delivery barriers. Biomaterials, 2015, 38, 97-107.	11.4	111
3	Zwitterionic Nanocarrier Surface Chemistry Improves siRNA Tumor Delivery and Silencing Activity Relative to Polyethylene Glycol. ACS Nano, 2017, 11, 5680-5696.	14.6	96
4	Lipophilic siRNA targets albumin in situ and promotes bioavailability, tumor penetration, and carrier-free gene silencing. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E6490-E6497.	7.1	96
5	Gal8 Visualization of Endosome Disruption Predicts Carrier-Mediated Biologic Drug Intracellular Bioavailability. ACS Nano, 2019, 13, 1136-1152.	14.6	67
6	An anionic, endosome-escaping polymer to potentiate intracellular delivery of cationic peptides, biomacromolecules, and nanoparticles. Nature Communications, 2019, 10, 5012.	12.8	58
7	Porous Silicon and Polymer Nanocomposites for Delivery of Peptide Nucleic Acids as Antiâ€MicroRNA Therapies. Advanced Materials, 2016, 28, 7984-7992.	21.0	56
8	Selective mTORC2 Inhibitor Therapeutically Blocks Breast Cancer Cell Growth and Survival. Cancer Research, 2018, 78, 1845-1858.	0.9	54
9	Endosomolytic Nano-Polyplex Platform Technology for Cytosolic Peptide Delivery To Inhibit Pathological Vasoconstriction. ACS Nano, 2015, 9, 5893-5907.	14.6	43
10	MK2 inhibitory peptide delivered in nanopolyplexes prevents vascular graft intimal hyperplasia. Science Translational Medicine, 2015, 7, 291ra95.	12.4	43
11	Mechanism of Enhanced Cellular Uptake and Cytosolic Retention of MK2 Inhibitory Peptide Nano-polyplexes. Cellular and Molecular Bioengineering, 2016, 9, 368-381.	2.1	33
12	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.	4.0	26
13	Thiolâ€acrylate nanocomposite foams for critical size bone defect repair: A novel biomaterial. Journal of Biomedical Materials Research - Part A, 2013, 101, 3531-3541.	4.0	22
14	Genetically Encoded Split-Luciferase Biosensors to Measure Endosome Disruption Rapidly in Live Cells. ACS Sensors, 2020, 5, 1929-1936.	7.8	14
15	Modifying Cell Membranes with Anionic Polymer Amphiphiles Potentiates Intracellular Delivery of Cationic Peptides. ACS Applied Materials & Interfaces, 2020, 12, 50222-50235.	8.0	11
16	Excipients for the lyoprotection of MAPKAP kinase 2 inhibitory peptide nano-polyplexes. Journal of Controlled Release, 2018, 282, 110-119.	9.9	10
17	Amphiphilic Polyelectrolyte Graft Copolymers Enhance the Activity of Cyclic Dinucleotide STING Agonists. Advanced Healthcare Materials, 2021, 10, e2001056.	7.6	10
18	Microparticle Depots for Controlled and Sustained Release of Endosomolytic Nanoparticles. Cellular and Molecular Bioengineering, 2019, 12, 429-442.	2.1	9

#	Article	IF	Citations
19	Hydrolytic chargeâ€reversal of PEG ylated polyplexes enhances intracellular unâ€packaging and activity of si RNA. Journal of Biomedical Materials Research - Part A, 2016, 104, 917-927.	4.0	8
20	Rapid changes in the microvascular circulation of skeletal muscle impair insulin delivery during sepsis. American Journal of Physiology - Endocrinology and Metabolism, 2019, 316, E1012-E1023.	3.5	7
21	Endosomal Escape: Amphiphilic Polyelectrolyte Graft Copolymers Enhance the Activity of Cyclic Dinucleotide STING Agonists (Adv. Healthcare Mater. 2/2021). Advanced Healthcare Materials, 2021, 10, 2170004.	7.6	0
22	Quantitative capillary blood flow spatial analysis in skeletal muscle during sepsis. FASEB Journal, 2018, 32, .	0.5	0
23	Rapid changes in the microvascular circulation of skeletal muscle impair insulin delivery during sepsis. FASEB Journal, 2019, 33, 685.4.	0.5	0