Christopher J Cheng

List of Publications by Year
in descending order

24 papers	3,005 citations	361413 20 h-index	610901 24 g-index
25 all docs	25 docs citations	25 times ranked	5801 citing authors

#	Article	IF	Citations
1	Improved CRISPR genome editing using small highly active and specific engineered RNA-guided nucleases. Nature Communications, 2021, 12, 4219.	12.8	29
2	miR-155 drives oncogenesis by promoting and cooperating with mutations in the c-Kit oncogene. Oncogene, 2019, 38, 2151-2161.	5.9	21
3	Exercise and weight loss interventions and miRNA expression in women with breast cancer. Breast Cancer Research and Treatment, 2018, 170, 55-67.	2.5	25
4	Leveraging Rational Protein Engineering to Improve mRNA Therapeutics. Nucleic Acid Therapeutics, 2018, 28, 74-85.	3.6	8
5	A â€œtop-downâ€•approach to actuate poly(amine-co-ester) terpolymers for potent and safe mRNA delivery. Biomaterials, 2018, 176, 122-130.	11.4	49
6	In vivo correction of anaemia in Î²-thalassemic mice by Î³PNA-mediated gene editing with nanoparticle delivery. Nature Communications, 2016, 7, 13304.	12.8	143
7	miR-34a Silences c-SRC to Attenuate Tumor Growth in Triple-Negative Breast Cancer. Cancer Research, 2016, 76, 927-939.	0.9	128
8	A holistic approach to targeting disease with polymeric nanoparticles. Nature Reviews Drug Discovery, 2015, 14, 239-247.	46.4	373
9	miR-155 Is Essential for Inflammation-Induced Hippocampal Neurogenic Dysfunction. Journal of Neuroscience, 2015, 35, 9764-9781.	3.6	83
10	Systemic delivery of bloodâ€“brain barrier-targeted polymeric nanoparticles enhances delivery to brain tissue. Journal of Drug Targeting, 2015, 23, 736-749.	4.4	73
11	Enhancing potency of siRNA targeting fusion genes by optimization outside of target sequence. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E6597-605.	7.1	11
12	MicroRNA silencing for cancer therapy targeted to the tumour microenvironment. Nature, 2015, 518, 107-110.	27.8	709
13	Sustained delivery of proangiogenic microRNAâ€132 by nanoparticle transfection improves endothelial cell transplantation. FASEB Journal, 2014, 28, 908-922.	0.5	72
14	Synergistic tumor suppression by combined inhibition of telomerase and CDKN1A. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E3062-71.	7.1	31
15	Regeneration of mammalian cochlear and vestibular hair cells through Hes1/Hes5 modulation with siRNA. Hearing Research, 2013, 304, 91-110.	2.0	34
16	Nanoparticles for urothelium penetration and delivery of the histone deacetylase inhibitor belinostat for treatment of bladder cancer. Nanomedicine: Nanotechnology, Biology, and Medicine, 2013, 9, 1124-1134.	3.3	51
17	Canonical and Non-Canonical Barriers Facing AntimiR Cancer Therapeutics. Current Medicinal Chemistry, 2013, 20, 3582-3593.	2.4	48
18	A novel polymer-coated nanoparticle (NP) for urothelium penetration and drug delivery.. Journal of Clinical Oncology, 2013, 31, e15543-e15543.	1.6	0

#	Article	IF	Citations
19	The Duality of OncomiR Addiction in the Maintenance and Treatment of Cancer. Cancer Journal (Sudbury, Mass), 2012, 18, 232-237.	2.0	48
20	Surface modified poly(Î² amino ester)-containing nanoparticles for plasmid DNA delivery. Journal of Controlled Release, 2012, 164, 41-48.	9.9	75
21	Biodegradable poly(amine-co-ester) terpolymers for targeted gene delivery. Nature Materials, 2012, 11, 82-90.	27.5	360
22	Polymer Nanoparticle-Mediated Delivery of MicroRNA Inhibition and Alternative Splicing. Molecular Pharmaceutics, 2012, 9, 1481-1488.	4.6	84
23	Nanoparticle-based therapy in an in vivo microRNA-155 (miR-155)-dependent mouse model of lymphoma. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E1695-704.	7.1	439
24	Enhanced siRNA delivery into cells by exploiting the synergy between targeting ligands and cell-penetrating peptides. Biomaterials, 2011, 32, 6194-6203.	11.4	106