Yiqi Seow

List of Publications by Year in descending order

37 papers	8,731 citations	236612 25 h-index	329751 37 g-index
41 all docs	41 docs citations	41 times ranked	12377 citing authors

#	Article	IF	Citations
1	Cardioâ€respiratory and phenotypic rescue of dystrophin/utrophinâ€deficient mice by combination therapy. EMBO Reports, 2022, , e53955.	2.0	3
2	Universal immunotherapeutic strategy for hepatocellular carcinoma with exosome vaccines that engage adaptive and innate immune responses. Journal of Hematology and Oncology, 2022, 15, 46.	6.9	45
3	BNT162B2 COVID-19 mRNA vaccination did not promote substantial anti-syncytin-1 antibody production nor mRNA transfer to breast milk in an exploratory pilot study. Annals of the Academy of Medicine, Singapore, 2022, 51, 309-312.	0.2	0
4	Clinical performance of Roche cobas 6800, Luminex ARIES, MiRXES Fortitude Kit 2.1, Altona RealStar, and Applied Biosystems TaqPath for SARSâ€CoVâ€2 detection in nasopharyngeal swabs. Journal of Medical Virology, 2021, 93, 4603-4607.	2.5	13
5	A fluid-supported 3D hydrogel bioprinting method. Biomaterials, 2021, 276, 121034.	5.7	18
6	Amelioration of systemic inflammation via the display of two different decoy protein receptors on extracellular vesicles. Nature Biomedical Engineering, 2021, 5, 1084-1098.	11.6	41
7	Glycine Enhances Satellite Cell Proliferation, Cell Transplantation, and Oligonucleotide Efficacy in Dystrophic Muscle. Molecular Therapy, 2020, 28, 1339-1358.	3.7	25
8	Smadâ€binding decoy reduces extracellular matrix expression in human hypertrophic scar fibroblasts. Molecular Medicine Reports, 2020, 22, 4589-4600.	1.1	3
9	Systemic Exosomal Delivery of shRNA Minicircles Prevents Parkinsonian Pathology. Molecular Therapy, 2019, 27, 2111-2122.	3.7	120
10	Exosome-Mediated miR-29 Transfer Reduces Muscle Atrophy and Kidney Fibrosis in Mice. Molecular Therapy, 2019, 27, 571-583.	3.7	130
11	Anchor peptide captures, targets, and loads exosomes of diverse origins for diagnostics and therapy. Science Translational Medicine, 2018, 10, .	5.8	248
12	Knockdown and replacement therapy mediated by artificial mirtrons in spinocerebellar ataxia 7. Nucleic Acids Research, 2017, 45, 7870-7885.	6.5	15
13	Hexose enhances oligonucleotide delivery and exon skipping in dystrophin-deficient mdx mice. Nature Communications, 2016, 7, 10981.	5.8	42
14	Fructose Promotes Uptake and Activity of Oligonucleotides With Different Chemistries in a Context-dependent Manner in mdx Mice. Molecular Therapy - Nucleic Acids, 2016, 5, e329.	2.3	17
15	Extracellular vesicle in vivo biodistribution is determined by cell source, route of administration and targeting. Journal of Extracellular Vesicles, 2015, 4, 26316.	5.5	1,077
16	Ultrafiltration with size-exclusion liquid chromatography for high yield isolation of extracellular vesicles preserving intact biophysical and functional properties. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 879-883.	1.7	487
17	Functional VEGFA knockdown with artificial 3â€²-tailed mirtrons defined by 5â€² splice site and branch point. Nucleic Acids Research, 2015, 43, 6568-6578.	6.5	8
18	Identification and Characterization of an eIF4e DNA Aptamer That Inhibits Proliferation With High Throughput Sequencing. Molecular Therapy - Nucleic Acids, 2014, 3, e217.	2.3	10

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19	Accelerating the design of biomimetic materials by integrating RNA-seq with proteomics and materials science. Nature Biotechnology, 2013, 31, 908-915.	9.4	171
20	Influence of microRNA deregulation on chaperone-mediated autophagy and Î±-synuclein pathology in Parkinson's disease. Cell Death and Disease, 2013, 4, e545-e545.	2.7	181
21	Context Dependent Effects of Chimeric Peptide Morpholino Conjugates Contribute to Dystrophin Exon-skipping Efficiency. Molecular Therapy - Nucleic Acids, 2013, 2, e124.	2.3	18
22	Artificial mirtron-mediated gene knockdown: Functional DMPK silencing in mammalian cells. Rna, 2012, 18, 1328-1337.	1.6	13
23	Silencing of Parkinson's disease-associated genes with artificial mirtron mimics of miR-1224. Nucleic Acids Research, 2012, 40, 9863-9875.	6.5	37
24	Exosome-mediated delivery of siRNA in vitro and in vivo. Nature Protocols, 2012, 7, 2112-2126.	5.5	484
25	The biogenesis and characterization of mammalian microRNAs of mirtron origin. Nucleic Acids Research, 2012, 40, 438-448.	6.5	86
26	Delivery of siRNA to the mouse brain by systemic injection of targeted exosomes. Nature Biotechnology, 2011, 29, 341-345.	9.4	3,595
27	Lysosomal dysfunction increases exosome-mediated alpha-synuclein release and transmission. Neurobiology of Disease, 2011, 42, 360-367.	2.1	612
28	Pip5 Transduction Peptides Direct High Efficiency Oligonucleotide-mediated Dystrophin Exon Skipping in Heart and Phenotypic Correction in mdx Mice. Molecular Therapy, 2011, 19, 1295-1303.	3.7	120
29	Diaphragm rescue alone prevents heart dysfunction in dystrophic mice. Human Molecular Genetics, 2011, 20, 413-421.	1.4	66
30	Optimization of Peptide Nucleic Acid Antisense Oligonucleotides for Local and Systemic Dystrophin Splice Correction in the mdx Mouse. Molecular Therapy, 2010, 18, 819-827.	3.7	75
31	Novel RNA-based Strategies for Therapeutic Gene Silencing. Molecular Therapy, 2010, 18, 466-476.	3.7	116
32	Functional Rescue of Dystrophin-deficient mdx Mice by a Chimeric Peptide-PMO. Molecular Therapy, 2010, 18, 1822-1829.	3.7	72
33	Identification of a novel muscle targeting peptide in mdx mice. Peptides, 2010, 31, 1873-1877.	1.2	29
34	A fusion peptide directs enhanced systemic dystrophin exon skipping and functional restoration in dystrophin-deficient mdx mice. Human Molecular Genetics, 2009, 18, 4405-4414.	1.4	131
35	Biological Gene Delivery Vehicles: Beyond Viral Vectors. Molecular Therapy, 2009, 17, 767-777.	3.7	282
36	Cell-penetrating peptide-conjugated antisense oligonucleotides restore systemic muscle and cardiac dystrophin expression and function. Human Molecular Genetics, 2008, 17, 3909-3918.	1.4	200

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37	Ca2+ Influx through Mechanosensitive Channels Inhibits Neurite Outgrowth in Opposition to Other Influx Pathways and Release from Intracellular Stores. Journal of Neuroscience, 2006, 26, 5656-5664.	1.7	126