Hong M Moulton

List of Publications by Year
in descending order

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28 papers	2,660 citations	516215 16 h-index	500791 28 g-index
28 all docs	28 docs citations	28 times ranked	6229 citing authors

#	Article	IF	Citations
1	Meta- and Orthogonal Integration of Influenza â€œOMICsâ€•Data Defines a Role for UBR4 in Virus Budding. Cell Host and Microbe, 2015, 18, 723-735.	5.1	868
2	TMPRSS2 and furin are both essential for proteolytic activation of SARS-CoV-2 in human airway cells. Life Science Alliance, 2020, 3, e202000786.	1.3	597
3	Anchor peptide captures, targets, and loads exosomes of diverse origins for diagnostics and therapy. Science Translational Medicine, 2018, 10, .	5.8	248
4	Morpholinos and their peptide conjugates: Therapeutic promise and challenge for Duchenne muscular dystrophy. Biochimica Et Biophysica Acta - Biomembranes, 2010, 1798, 2296-2303.	1.4	183
5	Unanchored K48-Linked Polyubiquitin Synthesized by the E3-Ubiquitin Ligase TRIM6 Stimulates the Interferon-IKKÎµ Kinase-Mediated Antiviral Response. Immunity, 2014, 40, 880-895.	6.6	135
6	TMPRSS2 Is the Major Activating Protease of Influenza A Virus in Primary Human Airway Cells and Influenza B Virus in Human Type II Pneumocytes. Journal of Virology, 2019, 93, .	1.5	116
7	Effects of systemic multiexon skipping with peptide-conjugated morpholinos in the heart of a dog model of Duchenne muscular dystrophy. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 4213-4218.	3.3	94
8	The ETS transcription factor ELF1 regulates a broadly antiviral program distinct from the type I interferon response. PLoS Pathogens, 2019, 15, e1007634.	2.1	67
9	Effective Dystrophin Restoration by a Novel Muscle-Homing Peptideâ€“Morpholino Conjugate in Dystrophin-Deficient mdx Mice. Molecular Therapy, 2014, 22, 1333-1341.	3.7	58
10	Effect of Combined Systemic and Local Morpholino Treatment on the Spinal Muscular Atrophy Î”7 Mouse Model Phenotype. Clinical Therapeutics, 2014, 36, 340-356.e5.	1.1	44
11	In Vivo Delivery of Morpholino Oligos by Cell-Penetrating Peptides. Current Pharmaceutical Design, 2013, 19, 2963-2969.	0.9	30
12	Systems-based analysis of RIG-I-dependent signalling identifies KHSRP as an inhibitor of RIG-I receptor activation. Nature Microbiology, 2017, 2, 17022.	5.9	25
13	Restriction factor compendium for influenza A virus reveals a mechanism for evasion of autophagy. Nature Microbiology, 2021, 6, 1319-1333.	5.9	23
14	Development of DG9 peptide-conjugated single- and multi-exon skipping therapies for the treatment of Duchenne muscular dystrophy. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	21
15	Cell-Penetrating Peptides Enhance Systemic Delivery of Antisense Morpholino Oligomers. Methods in Molecular Biology, 2012, 867, 407-414.	0.4	17
16	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
17	Inhibition of SARS-CoV-2 in Vero cell cultures by peptide-conjugated morpholino oligomers. Journal of Antimicrobial Chemotherapy, 2021, 76, 413-417.	1.3	16
18	The RNA helicase DHX16 recognizes specific viral RNA to trigger RIG-I-dependent innate antiviral immunity. Cell Reports, 2022, 38, 110434.	2.9	16

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19	CSGID Solves Structures and Identifies Phenotypes for Five Enzymes in Toxoplasma gondii. Frontiers in Cellular and Infection Microbiology, 2018, 8, 352.	1.8	14
20	Enhanced delivery of peptide-morpholino oligonucleotides with a small molecule to correct splicing defects in the lung. Nucleic Acids Research, 2021, 49, 6100-6113.	6.5	13
21	CX3CR1 Is a Receptor for Human Respiratory Syncytial Virus in Cotton Rats. Journal of Virology, 2021, 95, e0001021.	1.5	13
22	Cell-penetrating peptide-conjugated Morpholino rescues SMA in a symptomatic preclinical model. Molecular Therapy, 2022, 30, 1288-1299.	3.7	12
23	A Dystrophin Exon-52 Deleted Miniature Pig Model of Duchenne Muscular Dystrophy and Evaluation of Exon Skipping. International Journal of Molecular Sciences, 2021, 22, 13065.	1.8	9
24	MOTSâ€c promotes phosphorodiamidate morpholino oligomer uptake and efficacy in dystrophic mice. EMBO Molecular Medicine, 2021, 13, e12993.	3.3	8
25	Hexose Potentiates Peptide-Conjugated Morpholino Oligomer Efficacy in Cardiac Muscles of Dystrophic Mice in an Age-Dependent Manner. Molecular Therapy - Nucleic Acids, 2019, 18, 341-350.	2.3	6
26	Aggregation and Disaggregation of Morpholino Oligomers in Solution. Methods in Molecular Biology, 2017, 1565, 31-38.	0.4	4
27	A Novel Zebrafish Model for Assessing In Vivo Delivery of Morpholino Oligomers. Methods in Molecular Biology, 2018, 1828, 293-306.	0.4	4
28	Surface Plasmon Resonance-Based Concentration Determination Assay: Label-Free and Antibody-Free Quantification of Morpholinos. Methods in Molecular Biology, 2017, 1565, 251-263.	0.4	2