

# 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	Cell-penetrating peptide-conjugated Morpholino rescues SMA in a symptomatic preclinical model. <i>Molecular Therapy</i> , 2022, 30, 1288-1299.	3.7	12
2	Development of DG9 peptide-conjugated single- and multi-exon skipping therapies for the treatment of Duchenne muscular dystrophy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	21
3	The RNA helicase DHX16 recognizes specific viral RNA to trigger RIG-I-dependent innate antiviral immunity. <i>Cell Reports</i> , 2022, 38, 110434.	2.9	16
4	Inhibition of SARS-CoV-2 in Vero cell cultures by peptide-conjugated morpholino oligomers. <i>Journal of Antimicrobial Chemotherapy</i> , 2021, 76, 413-417.	1.3	16
5	Enhanced delivery of peptide-morpholino oligonucleotides with a small molecule to correct splicing defects in the lung. <i>Nucleic Acids Research</i> , 2021, 49, 6100-6113.	6.5	13
6	CX3CR1 Is a Receptor for Human Respiratory Syncytial Virus in Cotton Rats. <i>Journal of Virology</i> , 2021, 95, e0001021.	1.5	13
7	Restriction factor compendium for influenza A virus reveals a mechanism for evasion of autophagy. <i>Nature Microbiology</i> , 2021, 6, 1319-1333.	5.9	23
8	MOTS $\alpha$ promotes phosphorodiamidate morpholino oligomer uptake and efficacy in dystrophic mice. <i>EMBO Molecular Medicine</i> , 2021, 13, e12993.	3.3	8
9	A Dystrophin Exon-52 Deleted Miniature Pig Model of Duchenne Muscular Dystrophy and Evaluation of Exon Skipping. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13065.	1.8	9
10	TMPRSS2 and furin are both essential for proteolytic activation of SARS-CoV-2 in human airway cells. <i>Life Science Alliance</i> , 2020, 3, e202000786.	1.3	597
11	TMPRSS2 Is the Major Activating Protease of Influenza A Virus in Primary Human Airway Cells and Influenza B Virus in Human Type II Pneumocytes. <i>Journal of Virology</i> , 2019, 93, .	1.5	116
12	Hexose Potentiates Peptide-Conjugated Morpholino Oligomer Efficacy in Cardiac Muscles of Dystrophic Mice in an Age-Dependent Manner. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 18, 341-350.	2.3	6
13	The ETS transcription factor ELF1 regulates a broadly antiviral program distinct from the type I interferon response. <i>PLoS Pathogens</i> , 2019, 15, e1007634.	2.1	67
14	CSGID Solves Structures and Identifies Phenotypes for Five Enzymes in <i>Toxoplasma gondii</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 352.	1.8	14
15	A Novel Zebrafish Model for Assessing In Vivo Delivery of Morpholino Oligomers. <i>Methods in Molecular Biology</i> , 2018, 1828, 293-306.	0.4	4
16	Anchor peptide captures, targets, and loads exosomes of diverse origins for diagnostics and therapy. <i>Science Translational Medicine</i> , 2018, 10, .	5.8	248
17	Systems-based analysis of RIG-I-dependent signalling identifies KHSRP as an inhibitor of RIG-I receptor activation. <i>Nature Microbiology</i> , 2017, 2, 17022.	5.9	25
18	Surface Plasmon Resonance-Based Concentration Determination Assay: Label-Free and Antibody-Free Quantification of Morpholinos. <i>Methods in Molecular Biology</i> , 2017, 1565, 251-263.	0.4	2

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19	Aggregation and Disaggregation of Morpholino Oligomers in Solution. <i>Methods in Molecular Biology</i> , 2017, 1565, 31-38.	0.4	4
20	Effects of systemic multiexon skipping with peptide-conjugated morpholinos in the heart of a dog model of Duchenne muscular dystrophy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 4213-4218.	3.3	94
21	Fructose Promotes Uptake and Activity of Oligonucleotides With Different Chemistries in a Context-dependent Manner in mdx Mice. <i>Molecular Therapy - Nucleic Acids</i> , 2016, 5, e329.	2.3	17
22	Meta- and Orthogonal Integration of Influenza $\alpha$ OMICs Data Defines a Role for UBR4 in Virus Budding. <i>Cell Host and Microbe</i> , 2015, 18, 723-735.	5.1	868
23	Effect of Combined Systemic and Local Morpholino Treatment on the Spinal Muscular Atrophy $\beta$ 7 Mouse Model Phenotype. <i>Clinical Therapeutics</i> , 2014, 36, 340-356.e5.	1.1	44
24	Effective Dystrophin Restoration by a Novel Muscle-Homing Peptide-Morpholino Conjugate in Dystrophin-Deficient mdx Mice. <i>Molecular Therapy</i> , 2014, 22, 1333-1341.	3.7	58
25	Unanchored K48-Linked Polyubiquitin Synthesized by the E3-Ubiquitin Ligase TRIM6 Stimulates the Interferon- $\lambda$ Kinase-Mediated Antiviral Response. <i>Immunity</i> , 2014, 40, 880-895.	6.6	135
26	In Vivo Delivery of Morpholino Oligos by Cell-Penetrating Peptides. <i>Current Pharmaceutical Design</i> , 2013, 19, 2963-2969.	0.9	30
27	Cell-Penetrating Peptides Enhance Systemic Delivery of Antisense Morpholino Oligomers. <i>Methods in Molecular Biology</i> , 2012, 867, 407-414.	0.4	17
28	Morpholinos and their peptide conjugates: Therapeutic promise and challenge for Duchenne muscular dystrophy. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2010, 1798, 2296-2303.	1.4	183