Stacy M Horner

List of Publications by Year
in descending order

52 papers	4,563 citations	159585 30 h-index	197818 49 g-index
65 all docs	65 docs citations	65 times ranked	6492 citing authors

#	Article	IF	Citations
1	FTO Suppresses STAT3 Activation and Modulates Proinflammatory Interferon-Stimulated Gene Expression. Journal of Molecular Biology, 2022, 434, 167247.	4.2	11
2	Signaling from the RNA sensor RIG-I is regulated by ufmylation. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2119531119.	7.1	11
3	N6-Methyladenosine Regulates Host Responses to Viral Infection. Trends in Biochemical Sciences, 2021, 46, 366-377.	7.5	28
4	Post-transcriptional regulation of antiviral gene expression by N6-methyladenosine. Cell Reports, 2021, 34, 108798.	6.4	46
5	RNA modification of an RNA modifier prevents self-RNA sensing. PLoS Biology, 2021, 19, e3001342.	5.6	0
6	The m ⁶ A reader IMP2 directs autoimmune inflammation through an IL-17â€“ and TNFÎ±-dependent C/EBP transcription factor axis. Science Immunology, 2021, 6, .	11.9	43
7	How RNA modifications regulate the antiviral response. Immunological Reviews, 2021, 304, 169-180.	6.0	17
8	Flipping the script: viral capitalization of RNA modifications. Briefings in Functional Genomics, 2021, 20, 86-93.	2.7	6
9	Altered m6A Modification of Specific Cellular Transcripts Affects Flaviviridae Infection. Molecular Cell, 2020, 77, 542-555.e8.	9.7	129
10	Comprehensive Multi-omics Analysis Reveals Mitochondrial Stress as a Central Biological Hub for Spaceflight Impact. Cell, 2020, 183, 1185-1201.e20.	28.9	161
11	Direct RNA sequencing reveals m6A modifications on adenovirus RNA are necessary for efficient splicing. Nature Communications, 2020, 11, 6016.	12.8	111
12	The mRNA Cap 2â€²- <i>O</i> -Methyltransferase CMTR1 Regulates the Expression of Certain Interferon-Stimulated Genes. MSphere, 2020, 5, .	2.9	39
13	IL-27 signaling activates skin cells to induce innate antiviral proteins and protects against Zika virus infection. Science Advances, 2020, 6, eaay3245.	10.3	29
14	Limits in the detection of m6A changes using MeRIP/m6A-seq. Scientific Reports, 2020, 10, 6590.	3.3	136
15	The small GTPase RAB1B promotes antiviral innate immunity by interacting with TNF receptorâ€“associated factor 3 (TRAF3). Journal of Biological Chemistry, 2019, 294, 14231-14240.	3.4	19
16	Regulation of Viral Infection by the RNA Modification <i>N6</i>-Methyladenosine. Annual Review of Virology, 2019, 6, 235-253.	6.7	111
17	Hepatitis C Virus Infection Is Inhibited by a Noncanonical Antiviral Signaling Pathway Targeted by NS3-NS4A. Journal of Virology, 2019, 93, .	3.4	20
18	The acidic domain of the hepatitis C virus NS4A protein is required for viral assembly and envelopment through interactions with the viral E1 glycoprotein. PLoS Pathogens, 2019, 15, e1007163.	4.7	8

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19	Measuring Hepatitis C Virus Envelopment by Using a Proteinase K Protection Assay. Methods in Molecular Biology, 2019, 1911, 209-217.	0.9	3
20	Pervasive tertiary structure in the dengue virus RNA genome. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 11513-11518.	7.1	81
21	A Fluorescent Cell-Based System for Imaging Zika Virus Infection in Real-Time. Viruses, 2018, 10, 95.	3.3	15
22	A potentially abundant junctional RNA motif stabilized by m6A and Mg2+. Nature Communications, 2018, 9, 2761.	12.8	66
23	<i>N6</i> -methyladenosine modification of hepatitis B virus RNA differentially regulates the viral life cycle. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 8829-8834.	7.1	164
24	An Atlas of Genetic Variation Linking Pathogen-Induced Cellular Traits to Human Disease. Cell Host and Microbe, 2018, 24, 308-323.e6.	11.0	48
25	Knotty Zika Virus Blocks Exonuclease to Produce Subgenomic Flaviviral RNAs. Cell Host and Microbe, 2017, 21, 1-2.	11.0	25
26	Protect this house: cytosolic sensing of viruses. Current Opinion in Virology, 2017, 22, 36-43.	5.4	49
27	Methods to Visualize MAVS Subcellular Localization. Methods in Molecular Biology, 2017, 1656, 131-142.	0.9	8
28	RNA modifications go viral. PLoS Pathogens, 2017, 13, e1006188.	4.7	75
29	Posttranscriptional m 6 A Editing of HIV-1 mRNAs Enhances Viral Gene Expression. Cell Host and Microbe, 2016, 19, 675-685.	11.0	288
30	Hepatitis-C-virus-induced microRNAs dampen interferon-mediated antiviral signaling. Nature Medicine, 2016, 22, 1475-1481.	30.7	39
31	N6 -Methyladenosine in Flaviviridae Viral RNA Genomes Regulates Infection. Cell Host and Microbe, 2016, 20, 654-665.	11.0	370
32	Innate immune evasion strategies of DNA and RNA viruses. Current Opinion in Microbiology, 2016, 32, 113-119.	5.1	200
33	Successes and Challenges on the Road to Cure Hepatitis C. PLoS Pathogens, 2015, 11, e1004854.	4.7	36
34	MAVS Coordination of Antiviral Innate Immunity. Journal of Virology, 2015, 89, 6974-6977.	3.4	139
35	Insights into antiviral innate immunity revealed by studying hepatitis C virus. Cytokine, 2015, 74, 190-197.	3.2	5
36	Cooperation between the Hepatitis C Virus p7 and NS5B Proteins Enhances Virion Infectivity. Journal of Virology, 2015, 89, 11523-11533.	3.4	32

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37	Proteomic Analysis of Mitochondrial-Associated ER Membranes (MAM) during RNA Virus Infection Reveals Dynamic Changes in Protein and Organelle Trafficking. PLoS ONE, 2015, 10, e0117963.	2.5	91
38	Hepatitis C virus: strategies to evade antiviral responses. Future Virology, 2014, 9, 1061-1075.	1.8	31
39	Activation and Evasion of Antiviral Innate Immunity by Hepatitis C Virus. Journal of Molecular Biology, 2014, 426, 1198-1209.	4.2	63
40	Defining the spatial relationship between hepatitis C virus infection and interferon-stimulated gene induction in the human liver. Hepatology, 2014, 59, 2065-2067.	7.3	2
41	The favorable IFNL3 genotype escapes mRNA decay mediated by AU-rich elements and hepatitis C virusâ€“induced microRNAs. Nature Immunology, 2014, 15, 72-79.	14.5	133
42	Regulation of hepatic innate immunity by hepatitis C virus. Nature Medicine, 2013, 19, 879-888.	30.7	264
43	Control of Innate Immune Signaling and Membrane Targeting by the Hepatitis C Virus NS3/4A Protease Are Governed by the NS3 Helix Î± ₀. Journal of Virology, 2012, 86, 3112-3120.	3.4	40
44	The Mitochondrial Targeting Chaperone 14-3-3Îµ Regulates a RIG-I Translocon that Mediates Membrane Association and Innate Antiviral Immunity. Cell Host and Microbe, 2012, 11, 528-537.	11.0	184
45	Convergent Evolution of Escape from Hepaciviral Antagonism in Primates. PLoS Biology, 2012, 10, e1001282.	5.6	90
46	Regulation of Innate Immunity and Interferon Defenses by Hepatitis C Virus. , 2012, , 245-269.		0
47	Mitochondrial-associated endoplasmic reticulum membranes (MAM) form innate immune synapses and are targeted by hepatitis C virus. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 14590-14595.	7.1	444
48	Intracellular Innate Immune Cascades and Interferon Defenses That Control Hepatitis C Virus. Journal of Interferon and Cytokine Research, 2009, 29, 489-498.	1.2	87
49	Senescence Induced by Repression of Human Papillomavirus Oncogenes in Cervical Cancer Cells. , 2008, , 209-222.		0
50	The DNA Binding Domain of a Papillomavirus E2 Protein Programs a Chimeric Nuclease To Cleave Integrated Human Papillomavirus DNA in HeLa Cervical Carcinoma Cells. Journal of Virology, 2007, 81, 6254-6264.	3.4	12
51	Repression of the Human Papillomavirus E6 Gene Initiates p53-Dependent, Telomerase-Independent Senescence and Apoptosis in HeLa Cervical Carcinoma Cells. Journal of Virology, 2004, 78, 4063-4073.	3.4	95
52	Visualization of Retroviral Replication in Living Cells Reveals Budding into Multivesicular Bodies. Traffic, 2003, 4, 785-801.	2.7	362