

Noam Stern-Ginossar

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

10,441
citations

159525

30
h-index

189801

50
g-index

62
all docs

62
docs citations

62
times ranked

16425
citing authors

#	ARTICLE	IF	CITATIONS
1	CRISPR-Mediated Modular RNA-Guided Regulation of Transcription in Eukaryotes. <i>Cell</i> , 2013, 154, 442-451.	13.5	3,012
2	m ⁶ A mRNA methylation facilitates resolution of naïve pluripotency toward differentiation. <i>Science</i> , 2015, 347, 1002-1006.	6.0	1,288
3	Ribosome Profiling Reveals Pervasive Translation Outside of Annotated Protein-Coding Genes. <i>Cell Reports</i> , 2014, 8, 1365-1379.	2.9	591
4	Decoding Human Cytomegalovirus. <i>Science</i> , 2012, 338, 1088-1093.	6.0	546
5	The coding capacity of SARS-CoV-2. <i>Nature</i> , 2021, 589, 125-130.	13.7	464
6	The m1A landscape on cytosolic and mitochondrial mRNA at single-base resolution. <i>Nature</i> , 2017, 551, 251-255.	13.7	440
7	m6A modification controls the innate immune response to infection by targeting type I interferons. <i>Nature Immunology</i> , 2019, 20, 173-182.	7.0	317
8	Term-seq reveals abundant ribo-regulation of antibiotics resistance in bacteria. <i>Science</i> , 2016, 352, aad9822.	6.0	294
9	KSHV 2.0: A Comprehensive Annotation of the Kaposi's Sarcoma-Associated Herpesvirus Genome Using Next-Generation Sequencing Reveals Novel Genomic and Functional Features. <i>PLoS Pathogens</i> , 2014, 10, e1003847.	2.1	264
10	Systematic discovery of cap-independent translation sequences in human and viral genomes. <i>Science</i> , 2016, 351, .	6.0	258
11	The RNA modification N6-methyladenosine as a novel regulator of the immune system. <i>Nature Immunology</i> , 2020, 21, 501-512.	7.0	256
12	A Regression-Based Analysis of Ribosome-Profiling Data Reveals a Conserved Complexity to Mammalian Translation. <i>Molecular Cell</i> , 2015, 60, 816-827.	4.5	200
13	A conserved abundant cytoplasmic long noncoding RNA modulates repression by Pumilio proteins in human cells. <i>Nature Communications</i> , 2016, 7, 12209.	5.8	192
14	Urea Cycle Dysregulation Generates Clinically Relevant Genomic and Biochemical Signatures. <i>Cell</i> , 2018, 174, 1559-1570.e22.	13.5	183
15	SARS-CoV-2 uses a multipronged strategy to impede host protein synthesis. <i>Nature</i> , 2021, 594, 240-245.	13.7	182
16	Defining the Transcriptional Landscape during Cytomegalovirus Latency with Single-Cell RNA Sequencing. <i>MBio</i> , 2018, 9, .	1.8	174
17	Context-dependent functional compensation between Ythdf m ⁶ A reader proteins. <i>Genes and Development</i> , 2020, 34, 1373-1391.	2.7	158
18	Global mRNA polarization regulates translation efficiency in the intestinal epithelium. <i>Science</i> , 2017, 357, 1299-1303.	6.0	140

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19	Regulation of mRNA translation during mitosis. <i>ELife</i> , 2015, 4, .	2.8	138
20	Long Noncoding RNA MALAT1 Regulates Cancer Glucose Metabolism by Enhancing mTOR-Mediated Translation of TCF7L2. <i>Cancer Research</i> , 2019, 79, 2480-2493.	0.4	132
21	Translational Control in Virus-Infected Cells. <i>Cold Spring Harbor Perspectives in Biology</i> , 2019, 11, a033001.	2.3	128
22	The Transcription and Translation Landscapes during Human Cytomegalovirus Infection Reveal Novel Host-Pathogen Interactions. <i>PLoS Pathogens</i> , 2015, 11, e1005288.	2.1	127
23	Cap-binding protein 4EHP effects translation silencing by microRNAs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 5425-5430.	3.3	93
24	A systematic view on influenza induced host shutoff. <i>ELife</i> , 2016, 5, .	2.8	92
25	Anti-tumour immunity induces aberrant peptide presentation in melanoma. <i>Nature</i> , 2021, 590, 332-337.	13.7	81
26	RNA editing by ADAR1 leads to context-dependent transcriptome-wide changes in RNA secondary structure. <i>Nature Communications</i> , 2017, 8, 1440.	5.8	77
27	Single cell analysis reveals human cytomegalovirus drives latently infected cells towards an anergic-like monocyte state. <i>ELife</i> , 2020, 9, .	2.8	46
28	Virus-Induced Changes in mRNA Secondary Structure Uncover cis-Regulatory Elements that Directly Control Gene Expression. <i>Molecular Cell</i> , 2018, 72, 862-874.e5.	4.5	41
29	Translational control of ERK signaling through miRNA/4EHP-directed silencing. <i>ELife</i> , 2018, 7, .	2.8	41
30	Conflicting and ambiguous names of overlapping ORFs in the SARS-CoV-2 genome: A homology-based resolution. <i>Virology</i> , 2021, 558, 145-151.	1.1	40
31	Parsing the role of NSP1 in SARS-CoV-2 infection. <i>Cell Reports</i> , 2022, 39, 110954.	2.9	37
32	Human cytomegalovirus long noncoding RNA4.9 regulates viral DNA replication. <i>PLoS Pathogens</i> , 2020, 16, e1008390.	2.1	31
33	The Human Cytomegalovirus pUL145 Isoforms Act as Viral DDB1-Cullin-Associated Factors to Instruct Host Protein Degradation to Impede Innate Immunity. <i>Cell Reports</i> , 2020, 30, 2248-2260.e5.	2.9	30
34	Comprehensive annotations of human herpesvirus 6A and 6B genomes reveal novel and conserved genomic features. <i>ELife</i> , 2020, 9, .	2.8	30
35	The Transcriptome of Latent Human Cytomegalovirus. <i>Journal of Virology</i> , 2019, 93, .	1.5	29
36	Dynamic changes in tRNA modifications and abundance during T cell activation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	27

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37	Genome-wide CRISPR screens identify GATA6 as a proviral host factor for SARS-CoV-2 via modulation of ACE2. <i>Nature Communications</i> , 2022, 13, 2237.	5.8	27
38	Ribosome Profiling as a Tool to Decipher Viral Complexity. <i>Annual Review of Virology</i> , 2015, 2, 335-349.	3.0	26
39	Deciphering the principles of the RNA editing code via large-scale systematic probing. <i>Molecular Cell</i> , 2021, 81, 2374-2387.e3.	4.5	20
40	Decoding Viral Infection by Ribosome Profiling. <i>Journal of Virology</i> , 2015, 89, 6164-6166.	1.5	19
41	Temporal dynamics of HCMV gene expression in lytic and latent infections. <i>Cell Reports</i> , 2022, 39, 110653.	2.9	19
42	An iPSC-Derived Myeloid Lineage Model of Herpes Virus Latency and Reactivation. <i>Frontiers in Microbiology</i> , 2019, 10, 2233.	1.5	18
43	The integrated stress response promotes B7H6 expression. <i>Journal of Molecular Medicine</i> , 2020, 98, 135-148.	1.7	18
44	Viral Short ORFs and Their Possible Functions. <i>Proteomics</i> , 2018, 18, e1700255.	1.3	17
45	Manipulation of host pathways by human cytomegalovirus: insights from genome-wide studies. <i>Seminars in Immunopathology</i> , 2014, 36, 651-658.	2.8	13
46	Rho-Associated Coiled-Coil Kinase 1 Translocates to the Nucleus and Inhibits Human Cytomegalovirus Propagation. <i>Journal of Virology</i> , 2019, 93, .	1.5	9
47	Decay of the Stress-Induced Ligand MICA Is Controlled by the Expression of an Alternative 3' UTR Untranslated Region. <i>Journal of Immunology</i> , 2018, 200, 2819-2825.	0.4	8
48	ITN-VIROINF: Understanding (Harmful) Virus-Host Interactions by Linking Virology and Bioinformatics. <i>Viruses</i> , 2021, 13, 766.	1.5	5
49	Profiling the Blood Compartment of Hematopoietic Stem Cell Transplant Patients During Human Cytomegalovirus Reactivation. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 607470.	1.8	4
50	Human cytomegalovirus long noncoding RNA4.9 regulates viral DNA replication. , 2020, 16, e1008390.		0
51	Human cytomegalovirus long noncoding RNA4.9 regulates viral DNA replication. , 2020, 16, e1008390.		0
52	Human cytomegalovirus long noncoding RNA4.9 regulates viral DNA replication. , 2020, 16, e1008390.		0
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