Kathleen Boris-Lawrie

List of Publications by Year
in descending order

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56 papers	2,058 citations	257450 24 h-index	243625 44 g-index
56 all docs	56 docs citations	56 times ranked	1826 citing authors

#	Article	IF	Citations
1	RNA helicase A is necessary for translation of selected messenger RNAs. Nature Structural and Molecular Biology, 2006, 13, 509-516.	8.2	184
2	Multiple facets of junD gene expression are atypical among AP-1 family members. Oncogene, 2008, 27, 4757-4767.	5.9	111
3	RNA helicase A modulates translation of HIV-1 and infectivity of progeny virions. Nucleic Acids Research, 2010, 38, 1686-1696.	14.5	111
4	Destiny of Unspliced Retroviral RNA: Ribosome and/or Virion?. Journal of Virology, 2002, 76, 3089-3094.	3.4	101
5	Mechanisms employed by retroviruses to exploit host factors for translational control of a complicated proteome. Retrovirology, 2009, 6, 8.	2.0	94
6	RNA helicases. RNA Biology, 2010, 7, 775-787.	3.1	89
7	HIV-1 Tat RNA silencing suppressor activity is conserved across kingdoms and counteracts translational repression of HIV-1. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 605-610.	7.1	88
8	Evidence that Lin28 stimulates translation by recruiting RNA helicase A to polysomes. Nucleic Acids Research, 2011, 39, 3724-3734.	14.5	86
9	Tertiary Structural and Functional Analyses of a Viroid RNA Motif by Isostericity Matrix and Mutagenesis Reveal Its Essential Role in Replication. Journal of Virology, 2006, 80, 8566-8581.	3.4	80
10	Thriving under Stress: Selective Translation of HIV-1 Structural Protein mRNA during Vpr-Mediated Impairment of eIF4E Translation Activity. PLoS Pathogens, 2012, 8, e1002612.	4.7	78
11	Recent advances in retrovirus vector technology. Current Opinion in Genetics and Development, 1993, 3, 102-109.	3.3	71
12	Translation Is Not Required To Generate Virion Precursor RNA in Human Immunodeficiency Virus Type 1-Infected T Cells. Journal of Virology, 2000, 74, 11531-11537.	3.4	60
13	The Retroviral Vector: Replication Cycle and Safety Considerations for Retrovirus-Mediated Gene Therapy. Annals of the New York Academy of Sciences, 1994, 716, 59-71.	3.8	55
14	The 5â€² RNA Terminus of Spleen Necrosis Virus Contains a Novel Posttranscriptional Control Element That Facilitates Human Immunodeficiency Virus Rev/RRE-Independent Gag Production. Journal of Virology, 1999, 73, 4847-4855.	3.4	54
15	Tat RNA silencing suppressor activity contributes to perturbation of lymphocyte miRNA by HIV-1. Retrovirology, 2011, 8, 36.	2.0	50
16	RNA helicase A interacts with divergent lymphotropic retroviruses and promotes translation of human T-cell leukemia virus type 1. Nucleic Acids Research, 2007, 35, 2629-2642.	14.5	48
17	Human T-Cell Lymphotropic Virus Type 1 p12 I Enhances Interleukin-2 Production during T-Cell Activation. Journal of Virology, 2003, 77, 11027-11039.	3.4	42
18	Features of Double-stranded RNA-binding Domains of RNA Helicase A Are Necessary for Selective Recognition and Translation of Complex mRNAs*. Journal of Biological Chemistry, 2011, 286, 5328-5337.	3.4	42

#	Article	IF	Citations
19	The 5â€² RNA Terminus of Spleen Necrosis Virus Stimulates Translation of Nonviral mRNA. Journal of Virology, 2000, 74, 8111-8118.	3.4	38
20	Human T lymphotropic virus type-1 p30II alters cellular gene expression to selectively enhance signaling pathways that activate T lymphocytes. Retrovirology, 2004, 1, 39.	2.0	36
21	RU5 of Mason-Pfizer Monkey Virus 5â€² Long Terminal Repeat Enhances Cytoplasmic Expression of Human Immunodeficiency Virus Type 1 gag-pol and Nonviral Reporter RNA. Journal of Virology, 2002, 76, 10211-10218.	3.4	33
22	Retroviral RNA elements integrate components of post-transcriptional gene expression. Life Sciences, 2001, 69, 2697-2709.	4.3	32
23	Retrovirus Translation Initiation: Issues and Hypotheses Derived from Study of HIV-1. Current HIV Research, 2006, 4, 131-139.	0.5	32
24	DHX9/RHA Binding to the PBS-Segment of the Genomic RNA during HIV-1 Assembly Bolsters Virion Infectivity. Journal of Molecular Biology, 2016, 428, 2418-2429.	4.2	29
25	Development of an Rev-Independent, Minimal Simian Immunodeficiency Virus-Derived Vector System. Human Gene Therapy, 2001, 12, 847-857.	2.7	27
26	Primary Sequence and Secondary Structure Motifs in Spleen Necrosis Virus RU5 Confer Translational Utilization of Unspliced Human Immunodeficiency Virus Type 1 Reporter RNA. Journal of Virology, 2003, 77, 11973-11984.	3.4	25
27	The basal translation rate of authentic HIV-1 RNA is regulated by 5â€™UTR nt-pairings at junction of R and U5. Scientific Reports, 2017, 7, 6902.	3.3	24
28	In vivo study of genetically simplified bovine leukemia virus derivatives that lack tax and rex. Journal of Virology, 1997, 71, 1514-1520.	3.4	24
29	HIV-1 and two avian retroviral 5â€² untranslated regions bind orthologous human and chicken RNA binding proteins. Virology, 2015, 486, 307-320.	2.4	23
30	HIV-1 hypermethylated guanosine cap licenses specialized translation unaffected by mTOR. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	22
31	Cellular RNA helicases and HIV-1: Insights from genome-wide, proteomic, and molecular studies. Virus Research, 2013, 171, 357-365.	2.2	20
32	Genetically simpler bovine leukemia virus derivatives can replicate independently of Tax and Rex. Journal of Virology, 1995, 69, 1920-1924.	3.4	20
33	Nuclear Interactions Are Necessary for Translational Enhancement by Spleen Necrosis Virus RU5. Journal of Virology, 2002, 76, 3292-3300.	3.4	19
34	Stress-Induced Isoforms of MDM2 and MDM4 Correlate with High-Grade Disease and an Altered Splicing Network in Pediatric Rhabdomyosarcoma. Neoplasia, 2013, 15, 1049-IN8.	5.3	19
35	Virion-associated, host-derived DHX9/RNA helicase A enhances the processivity of HIV-1 reverse transcriptase on genomic RNA. Journal of Biological Chemistry, 2019, 294, 11473-11485.	3.4	19
36	NOD/SCID mouse model of canine T-cell lymphoma with humoral hypercalcaemia of malignancy: cytokine gene expression profiling and in vivo bioluminescent imaging. Veterinary and Comparative Oncology, 2008, 6, 39-54.	1.8	15

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37	Determination of Host RNA Helicases Activity in Viral Replication. Methods in Enzymology, 2012, 511, 405-435.	1.0	15
38	Human T Lymphotropic Virus Type 1 Accessory Protein p12IModulates Calcium-Mediated Cellular Gene Expression and Enhances p300 Expression in T Lymphocytes. AIDS Research and Human Retroviruses, 2005, 21, 273-284.	1.1	14
39	Human T-Cell Leukemia Virus Open Reading Frame II Encodes a Posttranscriptional Repressor That Is Recruited at the Level of Transcription. Journal of Virology, 2006, 80, 181-191.	3.4	14
40	Analysis of synergy between divergent simple retrovirus posttranscriptional control elements. Virology, 2003, 317, 146-154.	2.4	13
41	The mRNA encoding the JUND tumor suppressor detains nuclear RNA-binding proteins to assemble polysomes that are unaffected by mTOR. Journal of Biological Chemistry, 2020, 295, 7763-7773.	3.4	13
42	Identification of conserved, primary sequence motifs that direct retrovirus RNA fate. Nucleic Acids Research, 2018, 46, 7366-7378.	14.5	12
43	Bovine Leukemia Virus Structural Gene Vectors Are Immunogenic and Lack Pathogenicity in a Rabbit Model. Journal of Virology, 1999, 73, 8160-8166.	3.4	12
44	Long-term infection with retroviral structural gene vector provides protection against bovine leukemia virus disease in rabbits. Virology, 2004, 329, 434-439.	2.4	10
45	Coordinate enhancement of transgene transcription and translation in a lentiviral vector. Retrovirology, 2006, 3, 13.	2.0	10
46	The three-way junction structure of the HIV-1 PBS-segment binds host enzyme important for viral infectivity. Nucleic Acids Research, 2021, 49, 5925-5942.	14.5	9
47	Circular RNAs Are Regulators of Diverse Animal Transcriptomes: One Health Perspective. Frontiers in Genetics, 2020, 11, 999.	2.3	7
48	Anomalous HIV-1 RNA, How Cap-Methylation Segregates Viral Transcripts by Form and Function. Viruses, 2022, 14, 935.	3.3	6
49	Bridging fundamental RNA biology, retroviral replication, and oncogenesis: Karen Beemon wins the 2007 Retrovirology Prize. Retrovirology, 2007, 4, 88.	2.0	5
50	A New Approach to 3D Modeling of Inhomogeneous Populations of Viral Regulatory RNA. Viruses, 2020, 12, 1108.	3.3	4
51	Isolation of Cognate Cellular and Viral Ribonucleoprotein Complexes of HIV-1 RNA Applicable to Proteomic Discovery and Molecular Investigations. Methods in Molecular Biology, 2016, 1354, 133-146.	0.9	4
52	Isolation of Cognate RNA-protein Complexes from Cells Using Oligonucleotide-directed Elution. Journal of Visualized Experiments, 2017, , .	0.3	3
53	Circular RNA Profiles in Viremia and ART Suppression Predict Competing circRNAâ€“miRNAâ€“mRNA Networks Exclusive to HIV-1 Viremic Patients. Viruses, 2022, 14, 683.	3.3	3
54	Protect NIH's DNA advisory committee. Science, 2018, 362, 409-410.	12.6	2

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55	Cellular RNA Helicases Support Early and Late Events in Retroviral Replication. , 2018, , 253-271.		1
56	Human and Animal Retroviruses: HIV-1 Infection Is a Risk Factor for Malignancy. , 2012, , 585-611.		0