Andrew P Rice

List of Publications by Year
in descending order

85 papers	4,174 citations	126907 33 h-index	123424 61 g-index
87 all docs	87 docs citations	87 times ranked	3908 citing authors

#	Article	IF	Citations
1	HIV-1 Tat protein increases transcriptional initiation and stabilizes elongation. Cell, 1989, 59, 283-292.	28.9	653
2	miR-198 Inhibits HIV-1 Gene Expression and Replication in Monocytes and Its Mechanism of Action Appears To Involve Repression of Cyclin T1. PLoS Pathogens, 2009, 5, e1000263.	4.7	203
3	Transcriptional but not translational regulation of HIV-1 by the tat gene product. Nature, 1988, 332, 551-553.	27.8	192
4	Emerging Theme: Cellular PDZ Proteins as Common Targets of Pathogenic Viruses. Journal of Virology, 2011, 85, 11544-11556.	3.4	175
5	Regulation of Cyclin T1 and HIV-1 Replication by MicroRNAs in Resting CD4 ⁺ T Lymphocytes. Journal of Virology, 2012, 86, 3244-3252.	3.4	153
6	Specific Interaction of the Human Immunodeficiency Virus Tat Proteins with a Cellular Protein Kinase. Virology, 1993, 197, 601-608.	2.4	143
7	Tat-Associated Kinase, TAK, Activity Is Regulated by Distinct Mechanisms in Peripheral Blood Lymphocytes and Promonocytic Cell Lines. Journal of Virology, 1998, 72, 9881-9888.	3.4	132
8	PITALRE, the Catalytic Subunit of TAK, Is Required for Human Immunodeficiency Virus Tat Transactivation In Vivo. Journal of Virology, 1998, 72, 4448-4453.	3.4	111
9	Cyclin T1 and CDK9 T-Loop Phosphorylation Are Downregulated during Establishment of HIV-1 Latency in Primary Resting Memory CD4 ⁺ T Cells. Journal of Virology, 2013, 87, 1211-1220.	3.4	104
10	The Avian Influenza Virus NS1 ESEV PDZ Binding Motif Associates with Dlg1 and Scribble To Disrupt Cellular Tight Junctions. Journal of Virology, 2011, 85, 10639-10648.	3.4	102
11	Induction of TAK (Cyclin T1/P-TEFb) in Purified Resting CD4 + T Lymphocytes by Combination of Cytokines. Journal of Virology, 2001, 75, 11336-11343.	3.4	99
12	The ESEV PDZ-Binding Motif of the Avian Influenza A Virus NS1 Protein Protects Infected Cells from Apoptosis by Directly Targeting Scribble. Journal of Virology, 2010, 84, 11164-11174.	3.4	90
13	Machine learning algorithms for systematic review: reducing workload in a preclinical review of animal studies and reducing human screening error. Systematic Reviews, 2019, 8, 23.	5.3	90
14	Effects of prostratin on Cyclin T1/P-TEFb function and the gene expression profile in primary resting CD4+T cells. Retrovirology, 2006, 3, 66.	2.0	74
15	Transient Induction of Cyclin T1 during Human Macrophage Differentiation Regulates Human Immunodeficiency Virus Type 1 Tat Transactivation Function. Journal of Virology, 2002, 76, 10579-10587.	3.4	72
16	miR-132 enhances HIV-1 replication. Virology, 2013, 438, 1-4.	2.4	71
17	The Influenza A Virus Protein NS1 Displays Structural Polymorphism. Journal of Virology, 2014, 88, 4113-4122.	3.4	69
18	The HIV-1 Tat Protein: Mechanism of Action and Target for HIV-1 Cure Strategies. Current Pharmaceutical Design, 2017, 23, 4098-4102.	1.9	68

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19	Phosphatase PPM1A Regulates Phosphorylation of Thr-186 in the Cdk9 T-loop. Journal of Biological Chemistry, 2008, 283, 33578-33584.	3.4	66
20	Latently-infected CD4+ T cells are enriched for HIV-1 Tat variants with impaired transactivation activity. Virology, 2009, 387, 98-108.	2.4	62
21	Epstein-Barr Virus BART9 miRNA Modulates LMP1 Levels and Affects Growth Rate of Nasal NK T Cell Lymphomas. PLoS ONE, 2011, 6, e27271.	2.5	61
22	Regulation of TAK / P-TEFb in CD4+ T Lymphocytes and Macrophages. Current HIV Research, 2003, 1, 395-404.	0.5	59
23	Characterization of Cdk9 T-loop phosphorylation in resting and activated CD4+ T lymphocytes. Journal of Leukocyte Biology, 2009, 86, 1345-1350.	3.3	56
24	Challenges and strategies for the eradication of the HIV reservoir. Current Opinion in Immunology, 2016, 42, 65-70.	5.5	54
25	Identification of LKLF-regulated genes in quiescent CD4 T lymphocytes. Molecular Immunology, 2005, 42, 627-641.	2.2	51
26	Antiapoptotic Function of Cdk9 (TAK/P-TEFb) in U937 Promonocytic Cells. Journal of Virology, 2001, 75, 1220-1228.	3.4	48
27	Human Immunodeficiency Virus Type 1 Infection Induces Cyclin T1 Expression in Macrophages. Journal of Virology, 2004, 78, 8114-8119.	3.4	40
28	Tâ€loop phosphorylated Cdk9 localizes to nuclear speckle domains which may serve as sites of active Pâ€TEFb function and exchange between the Brd4 and 7SK/HEXIM1 regulatory complexes. Journal of Cellular Physiology, 2010, 224, 84-93.	4.1	39
29	MicroRNA-Mediated Restriction of HIV-1 in Resting CD4+ T Cells and Monocytes. Viruses, 2012, 4, 1390-1409.	3.3	39
30	Crosstalk between histone modifications indicates that inhibition of arginine methyltransferase CARM1 activity reverses HIV latency. Nucleic Acids Research, 2017, 45, 9348-9360.	14.5	39
31	55K isoform of CDK9 associates with Ku70 and is involved in DNA repair. Biochemical and Biophysical Research Communications, 2010, 397, 245-250.	2.1	38
32	Integration of Human Immunodeficiency Virus Type 1 in Untreated Infection Occurs Preferentially within Genes. Journal of Virology, 2006, 80, 7765-7768.	3.4	36
33	Isolation and characterization of the human DC-SIGN and DC-SIGNR promoters. Gene, 2003, 313, 149-159.	2.2	34
34	Cdk9 Tâ€loop phosphorylation is regulated by the calcium signaling pathway. Journal of Cellular Physiology, 2012, 227, 609-617.	4.1	34
35	siRNA depletion of 7SK snRNA induces apoptosis but does not affect expression of the HIV-1 LTR or P-TEFb-dependent cellular genes. Journal of Cellular Physiology, 2005, 205, 463-470.	4.1	33
36	HIV-1 replication in CD4+ T cells exploits the down-regulation of antiviral NEAT1 long non-coding RNAs following T cell activation. Virology, 2018, 522, 193-198.	2.4	33

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37	Increased association of 7SK snRNA with Tat cofactor P-TEFb following activation of peripheral blood lymphocytes. Aids, 2003, 17, 2429-2436.	2.2	32
38	Cyclin T1-Dependent Genes in Activated CD4+ T and Macrophage Cell Lines Appear Enriched in HIV-1 Co-Factors. PLoS ONE, 2008, 3, e3146.	2.5	32
39	Inducible Lung Epithelial Resistance Requires Multisource Reactive Oxygen Species Generation To Protect against Viral Infections. MBio, 2018, 9, .	4.1	32
40	Cyclin T1 but not cyclin T2a is induced by a post-transcriptional mechanism in PAMP-activated monocyte-derived macrophages. Journal of Leukocyte Biology, 2006, 79, 388-396.	3.3	31
41	Assays for precise quantification of total (including short) and elongated HIV-1 transcripts. Journal of Virological Methods, 2017, 242, 1-8.	2.1	31
42	Interleukin-10 inhibits HIV-1 LTR-directed gene expression in human macrophages through the induction of cyclin T1 proteolysis. Virology, 2006, 352, 485-492.	2.4	29
43	Tat protein of human immunodeficiency virus type 1 is a monomer when expressed in mammalian cells. Virology, 1991, 185, 451-454.	2.4	28
44	Phosphatase PPM1A negatively regulates P-TEFb function in resting CD4+ T cells and inhibits HIV-1 gene expression. Retrovirology, 2012, 9, 52.	2.0	27
45	Mining the Human Complexome Database Identifies RBM14 as an XPO1-Associated Protein Involved in HIV-1 Rev Function. Journal of Virology, 2015, 89, 3557-3567.	3.4	27
46	Exon2 of HIV-2 Tat Contributes to transactivation of the HIV-2 LTR by increasing binding affinity to HIV-2 TAR RNA. Nucleic Acids Research, 1994, 22, 4405-4413.	14.5	26
47	Induction of the HIV-1 Tat co-factor cyclin T1 during monocyte differentiation is required for the regulated expression of a large portion of cellular mRNAs. Retrovirology, 2006, 3, 32.	2.0	25
48	Genomic organization and characterization of promoter function of the human CDK9 gene. Gene, 2000, 252, 51-59.	2.2	24
49	Mini ways to stop a virus: microRNAs and HIV-1 replication. Future Virology, 2011, 6, 209-221.	1.8	23
50	Roles of CDKs in RNA polymerase II transcription of the HIV-1 genome. Transcription, 2019, 10, 111-117.	3.1	23
51	HIV-1 infection and regulation of Tat function in macrophages. International Journal of Biochemistry and Cell Biology, 2004, 36, 1767-1775.	2.8	22
52	Reactivation of latent HIV: do all roads go through P-TEFb?. Future Virology, 2013, 8, 649-659.	1.8	22
53	Functional Significance of the Dinucleotide Bulge in Stem-Loop1 and Stem-Loop2 of HIV-2 TAR RNA. Virology, 1994, 202, 202-211.	2.4	21
54	Regulation of Interferon-Î² by MAGI-1 and Its Interaction with Influenza A Virus NS1 Protein with ESEV PBM. PLoS ONE, 2012, 7, e41251.	2.5	21

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55	Roles of <scp>microRNAs</scp> and longâ€noncoding <scp>RNAs</scp> in human immunodeficiency virus replication. Wiley Interdisciplinary Reviews RNA, 2015, 6, 661-670.	6.4	21
56	Short Communication: The Broad-Spectrum Histone Deacetylase Inhibitors Vorinostat and Panobinostat Activate Latent HIV in CD4⁺ T Cells In Part Through Phosphorylation of the T-Loop of the CDK9 Subunit of P-TEFb. AIDS Research and Human Retroviruses, 2016, 32, 169-173.	1.1	21
57	Identification of novel CDK9 and Cyclin T1-associated protein complexes (CCAPs) whose siRNA depletion enhances HIV-1 Tat function. Retrovirology, 2012, 9, 90.	2.0	19
58	Cyclin-dependent kinases as therapeutic targets for HIV-1 infection. Expert Opinion on Therapeutic Targets, 2016, 20, 1453-1461.	3.4	17
59	Limited redundancy in genes regulated by Cyclin T2 and Cyclin T1. BMC Research Notes, 2011, 4, 260.	1.4	16
60	Making a Short Story Long: Regulation of P-TEFb and HIV-1 Transcriptional Elongation in CD4+ T Lymphocytes and Macrophages. Biology, 2012, 1, 94-115.	2.8	15
61	Subversion of Cell Cycle Regulatory Mechanisms by HIV. Cell Host and Microbe, 2015, 17, 736-740.	11.0	15
62	Isolation and characterization of the human cyclin T1 promoter. Gene, 2000, 252, 39-49.	2.2	13
63	Short Communication: SAHA (Vorinostat) Induces CDK9 Thr-186 (T-Loop) Phosphorylation in Resting CD4+ T Cells: Implications for Reactivation of Latent HIV. AIDS Research and Human Retroviruses, 2015, 31, 137-141.	1.1	13
64	PACS1 is an HIV-1 cofactor that functions in Rev-mediated nuclear export of viral RNA. Virology, 2020, 540, 88-96.	2.4	12
65	Influenza A Virus Protein NS1 Exhibits Strain-Independent Conformational Plasticity. Journal of Virology, 2019, 93, .	3.4	11
66	Dysregulation of Positive Transcription Elongation Factor b and Myocardial Hypertrophy. Circulation Research, 2009, 104, 1327-1329.	4.5	10
67	Targeting proteinâ€"protein interactions for HIV therapeutics. Future HIV Therapy, 2007, 1, 369-385.	0.4	9
68	P-TEFb as a target to reactivate latent HIV. Cell Cycle, 2013, 12, 392-393.	2.6	9
69	SARS-CoV-2 likely targets cellular PDZ proteins: a common tactic of pathogenic viruses. Future Virology, 2021, 16, 375-377.	1.8	9
70	Regulation of cyclin T1 during HIV replication and latency establishment in human memory CD4 T cells. Virology Journal, 2019, 16, 22.	3.4	8
71	HIV-1 Tat protein is able to efficiently transactivate the HIV-2 LTR through a TAR RNA element lacking both dinucleotide bulge binding sites. Virology, 1995, 206, 673-678.	2.4	7
72	RNAs selected in vitro by the HIV-2 tat protein. Journal of Biomedical Science, 1997, 4, 28-34.	7.0	7

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73	Unexpected Mutations in HIV-1 That Confer Resistance to the Tat Inhibitor Didehydro-Cortistatin A. MBio, 2019, 10, .	4.1	7
74	Clearance of HIV-1 or SIV reservoirs by promotion of apoptosis and inhibition of autophagy: Targeting intracellular molecules in cure-directed strategies. Journal of Leukocyte Biology, 2022, 112, 1245-1259.	3.3	7
75	Serum IgG anti-SARS-CoV-2 Binding Antibody Level Is Strongly Associated With IgA and Functional Antibody Levels in Adults Infected With SARS-CoV-2. Frontiers in Immunology, 2021, 12, 693462.	4.8	6
76	A scalable algorithm for structure identification of complex gene regulatory network from temporal expression data. BMC Bioinformatics, 2017, 18, 74.	2.6	5
77	Wild-Type and Transactivation-Defective Mutants of Human Immunodeficiency Virus Type 1 Tat Protein Bind Human TATA-Binding Protein In Vitro. Journal of Acquired Immune Deficiency Syndromes, 1996, 12, 128-138.	0.3	5
78	Proteomic Profiling of a Primary CD4⁺T Cell Model of HIV-1 Latency Identifies Proteins Whose Differential Expression Correlates with Reactivation of Latent HIV-1. AIDS Research and Human Retroviruses, 2018, 34, 103-110.	1.1	4
79	Cellular cofactors and HIV-1 infectionin vivo. Future Virology, 2006, 1, 337-347.	1.8	2
80	The HIV-1 Tat Team Gets Bigger. Cell Host and Microbe, 2010, 7, 179-181.	11.0	2
81	Investigation of temporal and spatial heterogeneities of the immune responses to Bordetella pertussis infection in the lung and spleen of mice via analysis and modeling of dynamic microarray gene expression data. Infectious Disease Modelling, 2019, 4, 215-226.	1.9	1
82	Identification of celastrol as a novel HIV-1 latency reversal agent by an image-based screen. PLoS ONE, 2021, 16, e0244771.	2.5	1
83	RNAs Selected in vitro by the HIV-2 Tat Protein. Journal of Biomedical Science, 1997, 4, 28-34.	7.0	0
84	Transcriptional Control and Latency of Retroviruses. , 2018, , 199-227.		0
85	Regulation of HIV-1 Gene Expression by the Tat Protein and the TAR Region. , 1991, , 93-105.		0