

Zachary Klase

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,270
citations

393982

19
h-index

476904

29
g-index

30
all docs

30
docs citations

30
times ranked

1704
citing authors

#	ARTICLE	IF	CITATIONS
1	HIV-1 TAR element is processed by Dicer to yield a viral micro-RNA involved in chromatin remodeling of the viral LTR. <i>BMC Molecular Biology</i> , 2007, 8, 63.	3.0	223
2	HIV-1 TAR miRNA protects against apoptosis by altering cellular gene expression. <i>Retrovirology</i> , 2009, 6, 18.	0.9	140
3	Phosphorylation of HIV-1 Tat by CDK2 in HIV-1 transcription. <i>Retrovirology</i> , 2006, 3, 78.	0.9	78
4	Lysine methylation of HIV-1 Tat regulates transcriptional activity of the viral LTR. <i>Retrovirology</i> , 2008, 5, 40.	0.9	75
5	Absence of DICER in Monocytes and Its Regulation by HIV-1. <i>Journal of Biological Chemistry</i> , 2010, 285, 31930-31943.	1.6	75
6	Identifying the Membrane Proteome of HIV-1 Latently Infected Cells. <i>Journal of Biological Chemistry</i> , 2007, 282, 8207-8218.	1.6	58
7	The extent of sequence complementarity correlates with the potency of cellular miRNA-mediated restriction of HIV-1. <i>Nucleic Acids Research</i> , 2012, 40, 11684-11696.	6.5	57
8	MicroRNAs and HIV-1: Complex Interactions. <i>Journal of Biological Chemistry</i> , 2012, 287, 40884-40890.	1.6	57
9	Activation of HIV-1 from Latent Infection via Synergy of RUNX1 Inhibitor Ro5-3335 and SAHA. <i>PLoS Pathogens</i> , 2014, 10, e1003997.	2.1	57
10	An in Vivo Replication-important Function in the Second Coding Exon of Tat Is Constrained against Mutation despite Cytotoxic T Lymphocyte Selection. <i>Journal of Biological Chemistry</i> , 2003, 278, 44816-44825.	1.6	50
11	CDK13, a New Potential Human Immunodeficiency Virus Type 1 Inhibitory Factor Regulating Viral mRNA Splicing. <i>Journal of Virology</i> , 2008, 82, 7155-7166.	1.5	50
12	Transcription through the HIV-1 nucleosomes: Effects of the PBAF complex in Tat activated transcription. <i>Virology</i> , 2010, 405, 322-333.	1.1	41
13	ROR1 regulates chemoresistance in Breast Cancer via modulation of drug efflux pump ABCB1. <i>Scientific Reports</i> , 2020, 10, 1821.	1.6	36
14	Varying Modulation of HIV-1 LTR Activity by BAF Complexes. <i>Journal of Molecular Biology</i> , 2011, 411, 581-596.	2.0	31
15	Strictinin, a novel ROR1-inhibitor, represses triple negative breast cancer survival and migration via modulation of PI3K/AKT/GSK3 β activity. <i>PLoS ONE</i> , 2019, 14, e0217789.	1.1	30
16	Human T-Lymphotropic Virus Type 1 Transcription and Chromatin-Remodeling Complexes. <i>Journal of Virology</i> , 2010, 84, 4755-4768.	1.5	29
17	A peptide-loaded dendritic cell based cytotoxic T-lymphocyte (CTL) vaccination strategy using peptides that span SIV Tat, Rev, and Env overlapping reading frames. <i>Retrovirology</i> , 2006, 3, 1.	0.9	26
18	Localization and Sub-Cellular Shuttling of HTLV-1 Tax with the miRNA Machinery. <i>PLoS ONE</i> , 2012, 7, e40662.	1.1	25

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19	XBP-1, a Novel Human T-Lymphotropic Virus Type 1 (HTLV-1) Tax Binding Protein, Activates HTLV-1 Basal and Tax-Activated Transcription. <i>Journal of Virology</i> , 2008, 82, 4343-4353.	1.5	23
20	Defining the molecular mechanisms of HIV-1 Tat secretion: PtdIns(4,5)P ₂ at the epicenter. <i>Traffic</i> , 2018, 19, 655-665.	1.3	23
21	Cellular homeoproteins, SATB1 and CDP, bind to the unique region between the human cytomegalovirus UL127 and major immediate-early genes. <i>Virology</i> , 2007, 366, 117-125.	1.1	16
22	microRNA machinery is an integral component of drug-induced transcription inhibition in HIV-1 infection. <i>Journal of RNAi and Gene Silencing</i> , 2010, 6, 386-400.	1.2	14
23	The inhibition of microRNAs by HIV-1 Tat suppresses beta catenin activity in astrocytes. <i>Retrovirology</i> , 2016, 13, 25.	0.9	13
24	Replication competent HIV-1 viruses that express intragenomic microRNA reveal discrete RNA-interference mechanisms that affect viral replication. <i>Cell and Bioscience</i> , 2011, 1, 38.	2.1	12
25	Transcriptional Gene Silencing (TGS) via the RNAi Machinery in HIV-1 Infections. <i>Biology</i> , 2012, 1, 339-369.	1.3	10
26	Morphine exposure exacerbates HIV-1 Tat driven changes to neuroinflammatory factors in cultured astrocytes. <i>PLoS ONE</i> , 2020, 15, e0230563.	1.1	7
27	Benzodiazepines Drive Alteration of Chromatin at the Integrated HIV-1 LTR. <i>Viruses</i> , 2020, 12, 191.	1.5	6
28	Retroviral proteomics and interactomes: intricate balances of cell survival and viral replication. <i>Expert Review of Proteomics</i> , 2008, 5, 507-528.	1.3	5
29	Alprazolam Prompts HIV-1 Transcriptional Reactivation and Enhances CTL Response Through RUNX1 Inhibition and STAT5 Activation. <i>Frontiers in Neurology</i> , 2021, 12, 663793.	1.1	3
30	Identifying membrane protein surface markers of HIV-1 infection. <i>Future HIV Therapy</i> , 2008, 2, 155-165.	0.5	0