

# Rachel Van Duyne

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

1,426  
citations

331670

21  
h-index

330143

37  
g-index

40  
all docs

40  
docs citations

40  
times ranked

2206  
citing authors

#	ARTICLE	IF	CITATIONS
1	Exosomes Derived from HIV-1-infected Cells Contain Trans-activation Response Element RNA. <i>Journal of Biological Chemistry</i> , 2013, 288, 20014-20033.	3.4	239
2	Human T-lymphotropic Virus Type 1-infected Cells Secrete Exosomes That Contain Tax Protein. <i>Journal of Biological Chemistry</i> , 2014, 289, 22284-22305.	3.4	134
3	HTLV Tax: A Fascinating Multifunctional Co-Regulator of Viral and Cellular Pathways. <i>Frontiers in Microbiology</i> , 2012, 3, 406.	3.5	125
4	Lysine methylation of HIV-1 Tat regulates transcriptional activity of the viral LTR. <i>Retrovirology</i> , 2008, 5, 40.	2.0	75
5	Absence of DICER in Monocytes and Its Regulation by HIV-1. <i>Journal of Biological Chemistry</i> , 2010, 285, 31930-31943.	3.4	75
6	The utilization of humanized mouse models for the study of human retroviral infections. <i>Retrovirology</i> , 2009, 6, 76.	2.0	66
7	Curcumin Inhibits Rift Valley Fever Virus Replication in Human Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 33198-33214.	3.4	63
8	The Use of Nanotrap Particles Technology in Capturing HIV-1 Virions and Viral Proteins from Infected Cells. <i>PLoS ONE</i> , 2014, 9, e96778.	2.5	55
9	Chromatin dynamics associated with HIV-1 Tat-activated transcription. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2010, 1799, 275-285.	1.9	47
10	Modulation of GSK-3 $\beta$ Activity in Venezuelan Equine Encephalitis Virus Infection. <i>PLoS ONE</i> , 2012, 7, e34761.	2.5	45
11	Transcription through the HIV-1 nucleosomes: Effects of the PBAF complex in Tat activated transcription. <i>Virology</i> , 2010, 405, 322-333.	2.4	41
12	Mutations in the HIV-1 envelope glycoprotein can broadly rescue blocks at multiple steps in the virus replication cycle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9040-9049.	7.1	40
13	Effect of Mimetic CDK9 Inhibitors on HIV-1-Activated Transcription. <i>Journal of Molecular Biology</i> , 2013, 425, 812-829.	4.2	38
14	Effect of transcription peptide inhibitors on HIV-1 replication. <i>Virology</i> , 2008, 376, 308-322.	2.4	37
15	Varying Modulation of HIV-1 LTR Activity by BAF Complexes. <i>Journal of Molecular Biology</i> , 2011, 411, 581-596.	4.2	31
16	Therapeutic doses of irradiation activate viral transcription and induce apoptosis in HIV-1 infected cells. <i>Virology</i> , 2015, 485, 1-15.	2.4	29
17	Novel HIV-1 therapeutics through targeting altered host cell pathways. <i>Expert Opinion on Biological Therapy</i> , 2009, 9, 1369-1382.	3.1	26
18	Novel Neuroprotective GSK-3 $\beta$ Inhibitor Restricts Tat-Mediated HIV-1 Replication. <i>Journal of Virology</i> , 2014, 88, 1189-1208.	3.4	26

#	ARTICLE	IF	CITATIONS
19	Localization and Sub-Cellular Shuttling of HTLV-1 Tax with the miRNA Machinery. PLoS ONE, 2012, 7, e40662.	2.5	25
20	Use of ATP analogs to inhibit HIV-1 transcription. Virology, 2012, 432, 219-231.	2.4	23
21	9-aminoacridine Inhibition of HIV-1 Tat Dependent Transcription. Virology Journal, 2009, 6, 114.	3.4	22
22	A novel binding pocket of cyclin-dependent kinase 2. Proteins: Structure, Function and Bioinformatics, 2009, 74, 122-132.	2.6	21
23	Mechanistic Analysis of the Broad Antiretroviral Resistance Conferred by HIV-1 Envelope Glycoprotein Mutations. MBio, 2021, 12, .	4.1	20
24	Liver X receptor agonist inhibits HIV-1 replication and prevents HIV-induced reduction of plasma HDL in humanized mouse model of HIV infection. Biochemical and Biophysical Research Communications, 2012, 419, 95-98.	2.1	19
25	Break CDK2/Cyclin E1 Interface Allosterically with Small Peptides. PLoS ONE, 2014, 9, e109154.	2.5	19
26	Complex role of microRNAs in HTLV-1 infections. Frontiers in Genetics, 2012, 3, 295.	2.3	17
27	microRNA machinery is an integral component of drug-induced transcription inhibition in HIV-1 infection. Journal of Rnai and Gene Silencing, 2010, 6, 386-400.	1.2	14
28	Role of Bruton's tyrosine kinase inhibitors in HIV-1-infected cells. Journal of NeuroVirology, 2015, 21, 257-275.	2.1	12
29	Cell-type-specific proteome and interactome: using HIV-1 Tat as a test case. Expert Review of Proteomics, 2009, 6, 515-526.	3.0	9
30	The identification of unique serum proteins of HIV-1 latently infected long-term non-progressor patients. AIDS Research and Therapy, 2010, 7, 21.	1.7	9
31	Benzodiazepines Drive Alteration of Chromatin at the Integrated HIV-1 LTR. Viruses, 2020, 12, 191.	3.3	6
32	Retroviral proteomics and interactomes: intricate balances of cell survival and viral replication. Expert Review of Proteomics, 2008, 5, 507-528.	3.0	5
33	Ferrous iron is found in mesenteric lymph bound to TIMP-2 following hemorrhage/resuscitation. BioMetals, 2011, 24, 279-289.	4.1	4
34	Alprazolam Prompts HIV-1 Transcriptional Reactivation and Enhances CTL Response Through RUNX1 Inhibition and STAT5 Activation. Frontiers in Neurology, 2021, 12, 663793.	2.4	3
35	Identification of Potential Drug Targets Using Genomics and Proteomics: A Systems Approach. Advances in Pharmacology, 2008, 56, 327-368.	2.0	2
36	HIV-1 packs in PACSIN2 for cell-to-cell spread. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 6885-6887.	7.1	2

#	ARTICLE	IF	CITATIONS
37	Curcumin inhibits Rift Valley fever virus replication in human cells.. Journal of Biological Chemistry, 2014, 289, 22671.	3.4	0
38	Exosomes derived from HTLV-1 infected cells contain viral proteins and mRNA. Retrovirology, 2015, 12, .	2.0	0