

# Jacek Skowronski

## List of Publications by Citations

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39  
papers

3,191  
citations

27  
h-index

39  
g-index

39  
ext. papers

3,486  
ext. citations

9.2  
avg, IF

4.53  
L-index

#	Paper	IF	Citations
39	Vpx relieves inhibition of HIV-1 infection of macrophages mediated by the SAMHD1 protein. <i>Nature</i> , <b>2011</b> , 474, 658-61	50.4	875
38	A dileucine motif in HIV-1 Nef is essential for sorting into clathrin-coated pits and for downregulation of CD4. <i>Current Biology</i> , <b>1998</b> , 8, 1239-42	6.3	203
37	Lentiviral Vpr usurps Cul4-DDB1[VprBP] E3 ubiquitin ligase to modulate cell cycle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 11778-83	11.5	182
36	Lentiviral Vpx accessory factor targets VprBP/DCAF1 substrate adaptor for cullin 4 E3 ubiquitin ligase to enable macrophage infection. <i>PLoS Pathogens</i> , <b>2008</b> , 4, e1000059	7.6	172
35	HIV/simian immunodeficiency virus (SIV) accessory virulence factor Vpx loads the host cell restriction factor SAMHD1 onto the E3 ubiquitin ligase complex CRL4DCAF1. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 12550-8	5.4	134
34	Modulation of different human immunodeficiency virus type 1 Nef functions during progression to AIDS. <i>Journal of Virology</i> , <b>2001</b> , 75, 3657-65	6.6	131
33	Tetramerization of SAMHD1 is required for biological activity and inhibition of HIV infection. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 10406-17	5.4	110
32	Mechanism of allosteric activation of SAMHD1 by dGTP. <i>Nature Structural and Molecular Biology</i> , <b>2013</b> , 20, 1304-9	17.6	103
31	HIV-1 Nef binds the DOCK2-ELMO1 complex to activate rac and inhibit lymphocyte chemotaxis. <i>PLoS Biology</i> , <b>2004</b> , 2, E6	9.7	94
30	Bovine 1.709 satellite. Recombination hotspots and dispersed repeated sequences. <i>Journal of Molecular Biology</i> , <b>1984</b> , 177, 399-416	6.5	86
29	Association of simian immunodeficiency virus Nef with cellular serine/threonine kinases is dispensable for the development of AIDS in rhesus macaques. <i>Nature Medicine</i> , <b>1997</b> , 3, 860-5	50.5	81
28	Impact of Nef-mediated downregulation of major histocompatibility complex class I on immune response to simian immunodeficiency virus. <i>Journal of Virology</i> , <b>2004</b> , 78, 13335-44	6.6	80
27	Two elements target SIV Nef to the AP-2 clathrin adaptor complex, but only one is required for the induction of CD4 endocytosis. <i>EMBO Journal</i> , <b>1999</b> , 18, 2722-33	13	77
26	Simian and human immunodeficiency virus Nef proteins use different surfaces to downregulate class I major histocompatibility complex antigen expression. <i>Journal of Virology</i> , <b>2000</b> , 74, 5691-701	6.6	75
25	Nucleotide sequence of bovine 1.715 satellite DNA and its relation to other bovine satellite sequences. <i>Journal of Molecular Biology</i> , <b>1982</b> , 158, 293-304	6.5	73
24	Evolutionary toggling of Vpx/Vpr specificity results in divergent recognition of the restriction factor SAMHD1. <i>PLoS Pathogens</i> , <b>2013</b> , 9, e1003496	7.6	68
23	Disrupting surfaces of nef required for downregulation of CD4 and for enhancement of virion infectivity attenuates simian immunodeficiency virus replication in vivo. <i>Journal of Virology</i> , <b>2000</b> , 74, 9836-44	6.6	68

22	CyclinA2-Cyclin-dependent Kinase Regulates SAMHD1 Protein Phosphohydrolyase Domain. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 13279-92	5.4	65
21	Nef proteins from diverse groups of primate lentiviruses downmodulate CXCR4 to inhibit migration to the chemokine stromal derived factor 1. <i>Journal of Virology</i> , <b>2005</b> , 79, 10650-9	6.6	53
20	HIV-1 and HIV-2 exhibit divergent interactions with HLTF and UNG2 DNA repair proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, E3921-30	11.5	46
19	Cooperative interactions of simian immunodeficiency virus Nef, AP-2, and CD3-zeta mediate the selective induction of T-cell receptor-CD3 endocytosis. <i>Journal of Virology</i> , <b>2003</b> , 77, 8116-26	6.6	41
18	The Cleavage and Polyadenylation Specificity Factor 6 (CPSF6) Subunit of the Capsid-recruited Pre-messenger RNA Cleavage Factor I (CFIm) Complex Mediates HIV-1 Integration into Genes. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 11809-19	5.4	37
17	The human immunodeficiency virus type 1 nef gene can to a large extent replace simian immunodeficiency virus nef in vivo. <i>Journal of Virology</i> , <b>1999</b> , 73, 8371-83	6.6	37
16	Partial "repair" of defective NEF genes in a long-term nonprogressor with human immunodeficiency virus type 1 infection. <i>Journal of Infectious Diseases</i> , <b>2000</b> , 181, 132-40	7	36
15	Simian immunodeficiency virus containing mutations in N-terminal tyrosine residues and in the PxxP motif in Nef replicates efficiently in rhesus macaques. <i>Journal of Virology</i> , <b>2000</b> , 74, 4155-64	6.6	31
14	Specific recognition of Rac2 and Cdc42 by DOCK2 and DOCK9 guanine nucleotide exchange factors. <i>Journal of Biological Chemistry</i> , <b>2008</b> , 283, 3088-3096	5.4	29
13	T-cell receptor:CD3 down-regulation is a selected in vivo function of simian immunodeficiency virus Nef but is not sufficient for effective viral replication in rhesus macaques. <i>Journal of Virology</i> , <b>2002</b> , 76, 12360-4	6.6	28
12	Comprehensive analysis of nef functions selected in simian immunodeficiency virus-infected macaques. <i>Journal of Virology</i> , <b>2004</b> , 78, 10588-97	6.6	27
11	Human N-myristoyltransferases form stable complexes with lentiviral nef and other viral and cellular substrate proteins. <i>Journal of Virology</i> , <b>2005</b> , 79, 1133-41	6.6	26
10	SIV vpx is essential for macrophage infection but not for development of AIDS. <i>PLoS ONE</i> , <b>2014</b> , 9, e84463	5.7	22
9	Importance of the N-distal AP-2 binding element in Nef for simian immunodeficiency virus replication and pathogenicity in rhesus macaques. <i>Journal of Virology</i> , <b>2006</b> , 80, 4469-81	6.6	21
8	HIV-1 Vpr Reprograms CLR4 E3 Ubiquitin Ligase to Antagonize Exonuclease 1-Mediated Restriction of HIV-1 Infection. <i>MBio</i> , <b>2018</b> , 9,	7.8	19
7	HIV-1 Vpr counteracts HLTF-mediated restriction of HIV-1 infection in T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 9568-9577	11.5	18
6	The acidic region and conserved putative protein kinase C phosphorylation site in Nef are important for SIV replication in rhesus macaques. <i>Virology</i> , <b>1999</b> , 257, 138-55	3.6	15
5	HIV-1 Vpr protein directly loads helicase-like transcription factor (HLTF) onto the CRL4-DCAF1 E3 ubiquitin ligase. <i>Journal of Biological Chemistry</i> , <b>2017</b> , 292, 21117-21127	5.4	13

4	Effect of the attenuating deletion and of sequence alterations evolving in vivo on simian immunodeficiency virus C8-Nef function. <i>Journal of Virology</i> , <b>1999</b> , 73, 2790-7	6.6	13
3	SAMHD1 Gene Mutations Are Associated with Cerebral Large-Artery Atherosclerosis. <i>BioMed Research International</i> , <b>2015</b> , 2015, 739586	3	1
2	A family of sequences with regional homology to bovine 1.715 satellite DNA. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , <b>1981</b> , 36, 973-9	1.7	1
1	Structure of HIV-1 Vpr in complex with the human nucleotide excision repair protein hHR23A. <i>Nature Communications</i> , <b>2021</b> , 12, 6864	17.4	