Jacek Skowronski

List of Publications by Year in Descending Order

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	Structure of HIV-1 Vpr in complex with the human nucleotide excision repair protein hHR23A. *Nature Communications*, **2021**, 12, 6864	17.4	
38	HIV-1 Vpr counteracts HLTF-mediated restriction of HIV-1 infection in T cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 9568-9577	11.5	18
37	HIV-1 Vpr Reprograms CLR4 E3 Ubiquitin Ligase to Antagonize Exonuclease 1-Mediated Restriction of HIV-1 Infection. *MBio*, **2018**, 9,	7.8	19
36	HIV-1 Vpr protein directly loads helicase-like transcription factor (HLTF) onto the CRL4-DCAF1 E3 ubiquitin ligase. *Journal of Biological Chemistry*, **2017**, 292, 21117-21127	5.4	13
35	HIV-1 and HIV-2 exhibit divergent interactions with HLTF and UNG2 DNA repair proteins. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, E3921-30	11.5	46
34	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. *Journal of Biological Chemistry*, **2016**, 291, 11809-19	5.4	37
33	SAMHD1 Gene Mutations Are Associated with Cerebral Large-Artery Atherosclerosis. *BioMed Research International*, **2015**, 2015, 739586	3	1
32	CyclinA2-Cyclin-dependent Kinase Regulates SAMHD1 Protein Phosphohydrolase Domain. *Journal of Biological Chemistry*, **2015**, 290, 13279-92	5.4	65
31	SIV vpx is essential for macrophage infection but not for development of AIDS. *PLoS ONE*, **2014**, 9, e84463	3.7	22
30	Mechanism of allosteric activation of SAMHD1 by dGTP. *Nature Structural and Molecular Biology*, **2013**, 20, 1304-9	17.6	103
29	Tetramerization of SAMHD1 is required for biological activity and inhibition of HIV infection. *Journal of Biological Chemistry*, **2013**, 288, 10406-17	5.4	110
28	Evolutionary toggling of Vpx/Vpr specificity results in divergent recognition of the restriction factor SAMHD1. *PLoS Pathogens*, **2013**, 9, e1003496	7.6	68
27	HIV/simian immunodeficiency virus (SIV) accessory virulence factor Vpx loads the host cell restriction factor SAMHD1 onto the E3 ubiquitin ligase complex CRL4DCAF1. *Journal of Biological Chemistry*, **2012**, 287, 12550-8	5.4	134
26	Vpx relieves inhibition of HIV-1 infection of macrophages mediated by the SAMHD1 protein. *Nature* , **2011**, 474, 658-61	50.4	875
25	Specific recognition of Rac2 and Cdc42 by DOCK2 and DOCK9 guanine nucleotide exchange factors. *Journal of Biological Chemistry*, **2008**, 283, 3088-3096	5.4	29
24	Lentiviral Vpx accessory factor targets VprBP/DCAF1 substrate adaptor for cullin 4 E3 ubiquitin ligase to enable macrophage infection. *PLoS Pathogens*, **2008**, 4, e1000059	7.6	172
23	Lentiviral Vpr usurps Cul4-DDB1[VprBP] E3 ubiquitin ligase to modulate cell cycle. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 11778-83	11.5	182

22	Importance of the N-distal AP-2 binding element in Nef for simian immunodeficiency virus replication and pathogenicity in rhesus macaques. *Journal of Virology*, **2006**, 80, 4469-81	6.6	21
21	Nef proteins from diverse groups of primate lentiviruses downmodulate CXCR4 to inhibit migration to the chemokine stromal derived factor 1. *Journal of Virology*, **2005**, 79, 10650-9	6.6	53
20	Human N-myristoyltransferases form stable complexes with lentiviral nef and other viral and cellular substrate proteins. *Journal of Virology*, **2005**, 79, 1133-41	6.6	26
19	Impact of Nef-mediated downregulation of major histocompatibility complex class I on immune response to simian immunodeficiency virus. *Journal of Virology*, **2004**, 78, 13335-44	6.6	80
18	Comprehensive analysis of nef functions selected in simian immunodeficiency virus-infected macaques. *Journal of Virology*, **2004**, 78, 10588-97	6.6	27
17	HIV-1 Nef binds the DOCK2-ELMO1 complex to activate rac and inhibit lymphocyte chemotaxis. *PLoS Biology*, **2004**, 2, E6	9.7	94
16	Cooperative interactions of simian immunodeficiency virus Nef, AP-2, and CD3-zeta mediate the selective induction of T-cell receptor-CD3 endocytosis. *Journal of Virology*, **2003**, 77, 8116-26	6.6	41
15	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. *Journal of Virology*, **2002**, 76, 12360-4	6.6	28
14	Modulation of different human immunodeficiency virus type 1 Nef functions during progression to AIDS. *Journal of Virology*, **2001**, 75, 3657-65	6.6	131
13	Simian immunodeficiency virus containing mutations in N-terminal tyrosine residues and in the PxxP motif in Nef replicates efficiently in rhesus macaques. *Journal of Virology*, **2000**, 74, 4155-64	6.6	31
12	Disrupting surfaces of nef required for downregulation of CD4 and for enhancement of virion infectivity attenuates simian immunodeficiency virus replication in vivo. *Journal of Virology*, **2000**, 74, 9836-44	6.6	68
11	Partial "repair" of defective NEF genes in a long-term nonprogressor with human immunodeficiency virus type 1 infection. *Journal of Infectious Diseases*, **2000**, 181, 132-40	7	36
10	Simian and human immunodeficiency virus Nef proteins use different surfaces to downregulate class I major histocompatibility complex antigen expression. *Journal of Virology*, **2000**, 74, 5691-701	6.6	75
9	The acidic region and conserved putative protein kinase C phosphorylation site in Nef are important for SIV replication in rhesus macaques. *Virology*, **1999**, 257, 138-55	3.6	15
8	Two elements target SIV Nef to the AP-2 clathrin adaptor complex, but only one is required for the induction of CD4 endocytosis. *EMBO Journal*, **1999**, 18, 2722-33	13	77
7	The human immunodeficiency virus type 1 nef gene can to a large extent replace simian immunodeficiency virus nef in vivo. *Journal of Virology*, **1999**, 73, 8371-83	6.6	37
6	Effect of the attenuating deletion and of sequence alterations evolving in vivo on simian immunodeficiency virus C8-Nef function. *Journal of Virology*, **1999**, 73, 2790-7	6.6	13
5	A dileucine motif in HIV-1 Nef is essential for sorting into clathrin-coated pits and for downregulation of CD4. *Current Biology*, **1998**, 8, 1239-42	6.3	203

4	Association of simian immunodeficiency virus Nef with cellular serine/threonine kinases is dispensable for the development of AIDS in rhesus macaques. *Nature Medicine*, **1997**, 3, 860-5	50.5	81
3	Bovine 1.709 satellite. Recombination hotspots and dispersed repeated sequences. *Journal of Molecular Biology*, **1984**, 177, 399-416	6.5	86
2	Nucleotide sequence of bovine 1.715 satellite DNA and its relation to other bovine satellite sequences. *Journal of Molecular Biology*, **1982**, 158, 293-304	6.5	73
1	A family of sequences with regional homology to bovine 1.715 satellite DNA. *Zeitschrift Fur Naturforschung - Section C Journal of Biosciences*, **1981**, 36, 973-9	1.7	1