

Beatriz Pacheco

List of Publications by Citations

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32
papers

1,009
citations

18
h-index

31
g-index

32
ext. papers

1,148
ext. citations

6.3
avg, IF

3.99
L-index

#	Paper	IF	Citations
32	Topological layers in the HIV-1 gp120 inner domain regulate gp41 interaction and CD4-triggered conformational transitions. <i>Molecular Cell</i> , 2010 , 37, 656-67	17.6	163
31	Nucleoside/nucleotide analog inhibitors of hepatitis B virus polymerase: mechanism of action and resistance. <i>Current Opinion in Virology</i> , 2014 , 8, 1-9	7.5	106
30	Contribution of intrinsic reactivity of the HIV-1 envelope glycoproteins to CD4-independent infection and global inhibitor sensitivity. <i>PLoS Pathogens</i> , 2011 , 7, e1002101	7.6	91
29	A V3 loop-dependent gp120 element disrupted by CD4 binding stabilizes the human immunodeficiency virus envelope glycoprotein trimer. <i>Journal of Virology</i> , 2010 , 84, 3147-61	6.6	57
28	Co-receptor Binding Site Antibodies Enable CD4-Mimetics to Expose Conserved Anti-cluster A ADCC Epitopes on HIV-1 Envelope Glycoproteins. <i>EBioMedicine</i> , 2016 , 12, 208-218	8.8	45
27	The highly conserved layer-3 component of the HIV-1 gp120 inner domain is critical for CD4-required conformational transitions. <i>Journal of Virology</i> , 2013 , 87, 2549-62	6.6	44
26	Drug repurposing for new, efficient, broad spectrum antivirals. <i>Virus Research</i> , 2019 , 264, 22-31	6.4	43
25	Species-specific inhibition of foamy viruses from South American monkeys by New World Monkey TRIM5{alpha} proteins. <i>Journal of Virology</i> , 2010 , 84, 4095-9	6.6	40
24	Residues in the gp41 Ectodomain Regulate HIV-1 Envelope Glycoprotein Conformational Transitions Induced by gp120-Directed Inhibitors. <i>Journal of Virology</i> , 2017 , 91,	6.6	37
23	Modeling virus- and antibody-specific factors to predict human immunodeficiency virus neutralization efficiency. <i>Cell Host and Microbe</i> , 2013 , 14, 547-58	23.4	35
22	Conformational characterization of aberrant disulfide-linked HIV-1 gp120 dimers secreted from overexpressing cells. <i>Journal of Virological Methods</i> , 2010 , 168, 155-61	2.6	33
21	Influence of the Envelope gp120 Phe 43 Cavity on HIV-1 Sensitivity to Antibody-Dependent Cell-Mediated Cytotoxicity Responses. <i>Journal of Virology</i> , 2017 , 91,	6.6	30
20	Envelope glycoproteins sampling states 2/3 are susceptible to ADCC by sera from HIV-1-infected individuals. <i>Virology</i> , 2018 , 515, 38-45	3.6	27
19	Lineage-specific differences between human and simian immunodeficiency virus regulation of gp120 trimer association and CD4 binding. <i>Journal of Virology</i> , 2012 , 86, 8974-86	6.6	26
18	Adaptation of HIV-1 to cells expressing rhesus monkey TRIM5. <i>Virology</i> , 2010 , 408, 204-12	3.6	26
17	Comparison of Uncleaved and Mature Human Immunodeficiency Virus Membrane Envelope Glycoprotein Trimers. <i>Journal of Virology</i> , 2018 , 92,	6.6	25
16	Virus-specific effects of TRIM5{rh} RING domain functions on restriction of retroviruses. <i>Journal of Virology</i> , 2013 , 87, 7234-45	6.6	19

15	The efficacy of T cell-mediated immune responses is reduced by the envelope protein of the chimeric HIV-1/SIV-KB9 virus in vivo. <i>Journal of Immunology</i> , 2008 , 181, 5510-21	5.3	18
14	The HIV-1 gp120 major variable regions modulate cold inactivation. <i>Journal of Virology</i> , 2013 , 87, 4103-16.6		17
13	Structural properties of the ectodomain of hepatitis C virus E2 envelope protein. <i>Virus Research</i> , 2009 , 139, 91-9	6.4	16
12	Specific interaction of CXCR4 with CD4 and CD8alpha: functional analysis of the CD4/CXCR4 interaction in the context of HIV-1 envelope glycoprotein-mediated membrane fusion. <i>Virology</i> , 2006 , 353, 52-67	3.6	16
11	Adaptation of the human immunodeficiency virus type 1 envelope glycoproteins to new world monkey receptors. <i>Journal of Virology</i> , 2008 , 82, 346-57	6.6	15
10	A Highly Conserved gp120 Inner Domain Residue Modulates Env Conformation and Trimer Stability. <i>Journal of Virology</i> , 2016 , 90, 8395-409	6.6	13
9	Expression and structural properties of a chimeric protein based on the ectodomains of E1 and E2 hepatitis C virus envelope glycoproteins. <i>Protein Expression and Purification</i> , 2010 , 71, 123-31	2	13
8	Membrane-perturbing properties of three peptides corresponding to the ectodomain of hepatitis C virus E2 envelope protein. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2006 , 1758, 755-63	3.8	13
7	Characterization of a dual-tropic human immunodeficiency virus (HIV-1) strain derived from the prototypical X4 isolate HXBc2. <i>Virology</i> , 2013 , 438, 5-13	3.6	11
6	Thermal stability of the human immunodeficiency virus type 1 (HIV-1) receptors, CD4 and CXCR4, reconstituted in proteoliposomes. <i>PLoS ONE</i> , 2010 , 5, e13249	3.7	8
5	Circular dichroism and fluorescence spectroscopic properties of the major core protein of feline immunodeficiency virus and its tryptophan mutants. Assignment of the individual contribution of the aromatic sidechains. <i>FEBS Journal</i> , 1999 , 266, 1081-9		7
4	Adaptation of HIV-1 to cells with low expression of the CCR5 coreceptor. <i>Virology</i> , 2017 , 508, 90-107	3.6	5
3	Characterization of two distinct early post-entry blocks to HIV-1 in common marmoset lymphocytes. <i>Scientific Reports</i> , 2016 , 6, 37489	4.9	4
2	HIV-1 Adapts To Replicate in Cells Expressing Common Marmoset APOBEC3G and BST2. <i>Journal of Virology</i> , 2016 , 90, 725-40	6.6	4
1	Urea equilibrium unfolding of the major core protein of the retrovirus feline immunodeficiency virus and its tryptophan mutants. <i>BBA - Proteins and Proteomics</i> , 2001 , 1546, 87-97		2