AgustÃ-n Valenzuela-FernÃ¡ndez

List of Publications by Year
in descending order

52 papers	2,972 citations	218677 26 h-index	182427 51 g-index
61 all docs	61 docs citations	61 times ranked	4541 citing authors

#	ARTICLE	IF	CITATIONS
1	HDAC6: a key regulator of cytoskeleton, cell migration and cellâ€“cell interactions. Trends in Cell Biology, 2008, 18, 291-297.	7.9	438
2	Stromal Cell-derived Factor-1Î± Associates with Heparan Sulfates through the First Î²-Strand of the Chemokine. Journal of Biological Chemistry, 1999, 274, 23916-23925.	3.4	296
3	Leukocyte Elastase Negatively Regulates Stromal Cell-derived Factor-1 (SDF-1)/CXCR4 Binding and Functions by Amino-terminal Processing of SDF-1 and CXCR4. Journal of Biological Chemistry, 2002, 277, 15677-15689.	3.4	189
4	Enzymatic and extraenzymatic role of ecto-adenosine deaminase in lymphocytes. Immunological Reviews, 1998, 161, 27-42.	6.0	158
5	Tetraspanins CD9 and CD81 Modulate HIV-1-Induced Membrane Fusion. Journal of Immunology, 2006, 177, 5129-5137.	0.8	149
6	The Tight Junction-Associated Protein Occludin Is Required for a Postbinding Step in Hepatitis C Virus Entry and Infection. Journal of Virology, 2009, 83, 8012-8020.	3.4	138
7	Palmitoylation-dependent Control of Degradation, Life Span, and Membrane Expression of the CCR5 Receptor. Journal of Biological Chemistry, 2001, 276, 31936-31944.	3.4	126
8	Histone Deacetylase 6 Regulates Human Immunodeficiency Virus Type 1 Infection. Molecular Biology of the Cell, 2005, 16, 5445-5454.	2.1	117
9	Moesin is required for HIV-1-induced CD4-CXCR4 interaction, F-actin redistribution, membrane fusion and viral infection in lymphocytes. Journal of Cell Science, 2009, 122, 103-113.	2.0	115
10	Expression and Regulation of the Metalloproteinase ADAM-8 during Human Neutrophil Pathophysiological Activation and Its Catalytic Activity on L-Selectin Shedding. Journal of Immunology, 2007, 178, 8053-8063.	0.8	103
11	Lymphocyte Chemotaxis Is Regulated by Histone Deacetylase 6, Independently of Its Deacetylase Activity. Molecular Biology of the Cell, 2006, 17, 3435-3445.	2.1	79
12	Fast SARS-CoV-2 detection by RT-qPCR in preheated nasopharyngeal swab samples. International Journal of Infectious Diseases, 2020, 97, 66-68.	3.3	73
13	Optimal Inhibition of X4 HIV Isolates by the CXC Chemokine Stromal Cell-derived Factor 1Î± Requires Interaction with Cell Surface Heparan Sulfate Proteoglycans. Journal of Biological Chemistry, 2001, 276, 26550-26558.	3.4	65
14	Myosin IIA is involved in the endocytosis of CXCR4 induced by SDF-1Î±. Journal of Cell Science, 2007, 120, 1126-1133.	2.0	62
15	Neutralizing antibodies against the V3 loop of human immunodeficiency virus type 1 gp120 block the CD4-dependent and -independent binding of virus to cells. Journal of Virology, 1997, 71, 8289-8298.	3.4	58
16	Sensitivity of different RT-qPCR solutions for SARS-CoV-2 detection. International Journal of Infectious Diseases, 2020, 99, 190-192.	3.3	56
17	Immunometabolism is a key factor for the persistent spontaneous elite control of HIV-1 infection. EBioMedicine, 2019, 42, 86-96.	6.1	55
18	The HDAC6/APOBEC3G complex regulates HIV-1 infectiveness by inducing Vif autophagic degradation. Retrovirology, 2015, 12, 53.	2.0	48

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19	HIV-1 requires Arf6-mediated membrane dynamics to efficiently enter and infect T lymphocytes. Molecular Biology of the Cell, 2011, 22, 1148-1166.	2.1	47
20	Effects of Rapamycin on the Epithelial-to-mesenchymal Transition of Human Peritoneal Mesothelial Cells. International Journal of Artificial Organs, 2005, 28, 164-169.	1.4	44
21	Gelsolin activity controls efficient early HIV-1 infection. Retrovirology, 2013, 10, 39.	2.0	39
22	PI4P5-Kinase Iî± Is Required for Efficient HIV-1 Entry and Infection of T Cells. Journal of Immunology, 2008, 181, 6882-6888.	0.8	38
23	Membrane dynamics associated with viral infection. Reviews in Medical Virology, 2016, 26, 146-160.	8.3	38
24	Viral Characteristics Associated with the Clinical Nonprogressor Phenotype Are Inherited by Viruses from a Cluster of HIV-1 Elite Controllers. MBio, 2018, 9, .	4.1	37
25	The HIV-1 gp120 inhibits the binding of adenosine deaminase to CD26 by a mechanism modulated by CD4 and CXCR4 expression. FEBS Letters, 2000, 477, 123-128.	2.8	32
26	Moesin Regulates the Trafficking of Nascent Clathrin-coated Vesicles. Journal of Biological Chemistry, 2009, 284, 2419-2434.	3.4	32
27	Increasing SARS-CoV-2 RT-qPCR testing capacity by sample pooling. International Journal of Infectious Diseases, 2021, 103, 19-22.	3.3	31
28	HLA-B*57 and IFNL4-related polymorphisms are associated with protection against HIV-1 disease progression in controllers. Clinical Infectious Diseases, 2017, 64, ciw833.	5.8	28
29	Pseudopeptide TASP Inhibitors of HIV Entry Bind Specifically to a 95-kDa Cell Surface Protein. Journal of Biological Chemistry, 1997, 272, 7159-7166.	3.4	22
30	The Lupane-type Triterpene 30-Oxo-calenduladiol Is a CCR5 Antagonist with Anti-HIV-1 and Anti-chemotactic Activities. Journal of Biological Chemistry, 2009, 284, 16609-16620.	3.4	22
31	MicroRNA Profile in CD8+ T-Lymphocytes from HIV-Infected Individuals: Relationship with Antiviral Immune Response and Disease Progression. PLoS ONE, 2016, 11, e0155245.	2.5	22
32	HIV-1 Env associates with HLA-C free-chains at the cell membrane modulating viral infectivity. Scientific Reports, 2017, 7, 40037.	3.3	20
33	The Interplay of HIV and Autophagy in Early Infection. Frontiers in Microbiology, 2021, 12, 661446.	3.5	20
34	Low levels of co-receptor CCR5 are sufficient to permit HIV envelope-mediated fusion with resting CD4 T cells. Aids, 2002, 16, 2337-2340.	2.2	18
35	HIV-1 envelope glycoproteins isolated from Viremic Non-Progressor individuals are fully functional and cytopathic. Scientific Reports, 2019, 9, 5544.	3.3	17
36	Lower expression of plasma-derived exosome miR-21 levels in HIV-1 elite controllers with decreasing CD4 T cell count. Journal of Microbiology, Immunology and Infection, 2019, 52, 667-671.	3.1	14

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37	HIV-1 Nef Targets HDAC6 to Assure Viral Production and Virus Infection. Frontiers in Microbiology, 2019, 10, 2437.	3.5	13
38	Chemical modulation of VLA integrin affinity in human breast cancer cells. Experimental Cell Research, 2007, 313, 1121-1134.	2.6	12
39	Zika Virus Pathogenesis: A Battle for Immune Evasion. Vaccines, 2021, 9, 294.	4.4	12
40	Longitudinal study of a SARS-CoV-2 infection in an immunocompromised patient with X-linked agammaglobulinemia. Journal of Infection, 2021, 83, 607-635.	3.3	11
41	The role of actomyosin and the microtubular network in both the immunological synapse and T cell activation. Frontiers in Bioscience - Landmark, 2007, 12, 437.	3.0	8
42	Viral infection. Communicative and Integrative Biology, 2011, 4, 398-408.	1.4	7
43	HIV-1 Envelope gp120 and Viral Particles Block Adenosine Deaminase Binding to Human CD26. Advances in Experimental Medicine and Biology, 1997, 421, 185-192.	1.6	7
44	Quantitative Analysis of the Processes and Signaling Events Involved in Early HIV-1 Infection of T Cells. PLoS ONE, 2014, 9, e103845.	2.5	7
45	The Characteristics of the HIV-1 Env Glycoprotein Are Linked With Viral Pathogenesis. Frontiers in Microbiology, 2022, 13, 763039.	3.5	7
46	Monitoring the rise of the SARS-CoV-2 lineage B.1.1.7 in Tenerife (Spain) since mid-December 2020. Journal of Infection, 2021, 82, e1-e3.	3.3	6
47	Transactive Response DNA-Binding Protein (TARDBP/TDP-43) Regulates Cell Permissivity to HIV-1 Infection by Acting on HDAC6. International Journal of Molecular Sciences, 2022, 23, 6180.	4.1	6
48	Viral infection: Moving through complex and dynamic cell-membrane structures. Communicative and Integrative Biology, 2011, 4, 398-408.	1.4	5
49	A Conserved uORF Regulates APOBEC3G Translation and Is Targeted by HIV-1 Vif Protein to Repress the Antiviral Factor. Biomedicines, 2022, 10, 13.	3.2	5
50	High Plasma Levels of sTNF-R1 and CCL11 Are Related to CD4+ T-Cells Fall in Human Immunodeficiency Virus Elite Controllers With a Sustained Virologic Control. Frontiers in Immunology, 2018, 9, 1399.	4.8	3
51	Association of the Delta SARS-CoV-2 variant with 28-day hospital mortality between December 2020 and September 2021. Journal of Infection, 2022, 85, 90-122.	3.3	2
52	Desarrollo de una AnimaciÃ³n 3D sobre la Microscopia de Onda Evanescente y su aplicaciÃ³n en VirologÃa: una herramienta para el estudio y comprensiÃ³n de los mecanismos de infecciÃ³n por microorganismos en cÃ©lula viva. , 0, , 223-234.		1