

Pepe Alcami

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195
papers

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h-index

71
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229
ext. papers

7,574
ext. citations

6.6
avg, IF

5.34
L-index

#	Paper	IF	Citations
195	Membrane raft microdomains mediate lateral assemblies required for HIV-1 infection. <i>EMBO Reports</i> , 2000 , 1, 190-6	6.5	305
194	Understanding HIV-1 latency provides clues for the eradication of long-term reservoirs. <i>Nature Reviews Microbiology</i> , 2009 , 7, 798-812	22.2	210
193	HIV enhancer activity perpetuated by NF-kappa B induction on infection of monocytes. <i>Nature</i> , 1991 , 350, 709-12	50.4	173
192	Hydrogen peroxide increases extracellular matrix mRNA through TGF-beta in human mesangial cells. <i>Kidney International</i> , 2001 , 59, 87-95	9.9	172
191	Therapeutic immunization with dendritic cells loaded with heat-inactivated autologous HIV-1 in patients with chronic HIV-1 infection. <i>Journal of Infectious Diseases</i> , 2005 , 191, 1680-5	7	133
190	Immunogenicity and reactogenicity of BNT162b2 booster in ChAdOx1-S-primed participants (CombiVacS): a multicentre, open-label, randomised, controlled, phase 2 trial. <i>Lancet, The</i> , 2021 , 398, 121-130	40	133
189	TRAF family proteins link PKR with NF-kappa B activation. <i>Molecular and Cellular Biology</i> , 2004 , 24, 4502-13	1.8	121
188	Activation of NF-kappa B by the dsRNA-dependent protein kinase, PKR involves the I kappa B kinase complex. <i>Oncogene</i> , 2000 , 19, 1369-78	9.2	116
187	Gold nanoparticles capped with sulfate-ended ligands as anti-HIV agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010 , 20, 2718-21	2.9	113
186	Multivalent manno-glyconanoparticles inhibit DC-SIGN-mediated HIV-1 trans-infection of human T cells. <i>ChemBioChem</i> , 2009 , 10, 1806-9	3.8	105
185	Plasma stromal cell-derived factor (SDF)-1 levels, SDF1-3A genotype, and expression of CXCR4 on T lymphocytes: their impact on resistance to human immunodeficiency virus type 1 infection and its progression. <i>Journal of Infectious Diseases</i> , 2002 , 186, 922-31	7	102
184	Human cytomegalovirus infection induces transcription and secretion of transforming growth factor beta 1. <i>Journal of Virology</i> , 1994 , 68, 5730-7	6.6	98
183	Imperatorin inhibits HIV-1 replication through an Sp1-dependent pathway. <i>Journal of Biological Chemistry</i> , 2004 , 279, 37349-59	5.4	97
182	International network for comparison of HIV neutralization assays: the NeutNet report. <i>PLoS ONE</i> , 2009 , 4, e4505	3.7	95
181	Stimulation of a human T-cell clone with anti-CD3 or tumor necrosis factor induces NF-kappa B translocation but not human immunodeficiency virus 1 enhancer-dependent transcription. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990 , 87, 7861-5	11.5	92
180	A therapeutic dendritic cell-based vaccine for HIV-1 infection. <i>Journal of Infectious Diseases</i> , 2011 , 203, 473-8	7	89
179	Genomic organization and promoter characterization of human CXCR4 gene. <i>FEBS Letters</i> , 1998 , 426, 271-8	3.8	89

178	Chemokine expression by systemic sclerosis fibroblasts: abnormal regulation of monocyte chemoattractant protein 1 expression. <i>Arthritis and Rheumatism</i> , 2001 , 44, 1382-6		89
177	Allosteric model of maraviroc binding to CC chemokine receptor 5 (CCR5). <i>Journal of Biological Chemistry</i> , 2011 , 286, 33409-21	5.4	86
176	The amino-terminal domain of the CCR2 chemokine receptor acts as coreceptor for HIV-1 infection. <i>Journal of Clinical Investigation</i> , 1997 , 100, 497-502	15.9	82
175	The hepatitis B virus X protein induces HIV-1 replication and transcription in synergy with T-cell activation signals: functional roles of NF-kappaB/NF-AT and SP1-binding sites in the HIV-1 long terminal repeat promoter. <i>Journal of Biological Chemistry</i> , 2001 , 276, 35435-43	5.4	81
174	Modifications in host cell structure and functions mediated by Tat intracellular expression are greatly dependent on the second exon. <i>Retrovirology</i> , 2009 , 6, P1	3.6	78
173	Molecular mechanisms involved in HIV latency and implications for HIV treatment and eradication. <i>Retrovirology</i> , 2010 , 7,	3.6	78
172	Allosteric regulation by non peptidic, low molecular weight compounds of CCR5 coupling to g-proteins and interaction with Gp120 - consequences on inhibition of R5 HIV-1 infection. <i>Retrovirology</i> , 2010 , 7,	3.6	78
171	Hypoxia induces expression of the chemokines monocyte chemoattractant protein-1 (MCP-1) and IL-8 in human dermal fibroblasts. <i>Clinical and Experimental Immunology</i> , 2001 , 123, 36-41	6.2	72
170	Activation of blood T lymphocytes down-regulates CXCR4 expression and interferes with propagation of X4 HIV strains. <i>European Journal of Immunology</i> , 1998 , 28, 3192-204	6.1	69
169	Structure and immunogenicity of a stabilized HIV-1 envelope trimer based on a group-M consensus sequence. <i>Nature Communications</i> , 2019 , 10, 2355	17.4	68
168	Functional characterization of SDF-1 proximal promoter. <i>Journal of Molecular Biology</i> , 2005 , 348, 43-62	6.5	66
167	Safety and immunogenicity of a modified pox vector-based HIV/AIDS vaccine candidate expressing Env, Gag, Pol and Nef proteins of HIV-1 subtype B (MVA-B) in healthy HIV-1-uninfected volunteers: A phase I clinical trial (RISVAC02). <i>Vaccine</i> , 2011 , 29, 8309-16	4.1	64
166	A new strategy based on recombinant viruses as a tool for assessing drug susceptibility of human immunodeficiency virus type 1. <i>Journal of Medical Virology</i> , 2007 , 79, 127-37	19.7	63
165	Effect of mycophenolate mofetil on immune response and plasma and lymphatic tissue viral load during and after interruption of highly active antiretroviral therapy for patients with chronic HIV infection: a randomized pilot study. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2004 , 36, 823-30	3.1	63
164	4-Phenylcoumarins as HIV transcription inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005 , 15, 4447-50	2.9	60
163	The catalytic activity of dsRNA-dependent protein kinase, PKR, is required for NF-kappaB activation. <i>Oncogene</i> , 2001 , 20, 385-94	9.2	60
162	New insights into the mechanisms whereby low molecular weight CCR5 ligands inhibit HIV-1 infection. <i>Journal of Biological Chemistry</i> , 2011 , 286, 4978-90	5.4	58
161	Anti-HIV activity of medicinal plant extracts. <i>Journal of Ethnopharmacology</i> , 2001 , 77, 113-6	5	58

160	3-Phenylcoumarins as inhibitors of HIV-1 replication. <i>Molecules</i> , 2012 , 17, 9245-57	4.8	56
159	G protein-dependent CCR5 signaling is not required for efficient infection of primary T lymphocytes and macrophages by R5 human immunodeficiency virus type 1 isolates. <i>Journal of Virology</i> , 2003 , 77, 2550-8	6.6	55
158	NF-kappa B-dependent induction of the NF-kappa B p50 subunit gene promoter underlies self-perpetuation of human immunodeficiency virus transcription in monocytic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992 , 89, 7826-30	11.5	55
157	IL-7 Induces SAMHD1 Phosphorylation in CD4+ T Lymphocytes, Improving Early Steps of HIV-1 Life Cycle. <i>Cell Reports</i> , 2016 , 14, 2100-2107	10.6	54
156	Constitutive expression of human immunodeficiency virus (HIV) nef protein in human astrocytes does not influence basal or induced HIV long terminal repeat activity. <i>Journal of Virology</i> , 1990 , 64, 3059-62	6.6	53
155	Modifications in the human T cell proteome induced by intracellular HIV-1 Tat protein expression. <i>Proteomics</i> , 2006 , 6 Suppl 1, S63-73	4.8	51
154	Mesuol, a natural occurring 4-phenylcoumarin, inhibits HIV-1 replication by targeting the NF-kappaB pathway. <i>Antiviral Research</i> , 2005 , 66, 137-45	10.8	51
153	Rate and predictors of progression in elite and viremic HIV-1 controllers. <i>Aids</i> , 2016 , 30, 1209-20	3.5	51
152	Modifications in host cell cytoskeleton structure and function mediated by intracellular HIV-1 Tat protein are greatly dependent on the second coding exon. <i>Nucleic Acids Research</i> , 2010 , 38, 3287-307	20.1	50
151	SJ23B, a jatrophone diterpene activates classical PKCs and displays strong activity against HIV in vitro. <i>Biochemical Pharmacology</i> , 2009 , 77, 965-78	6	49
150	Quinoline-based compounds as modulators of HIV transcription through NF-kappaB and Sp1 inhibition. <i>Antiviral Research</i> , 2010 , 87, 338-44	10.8	48
149	Safety and immunogenicity of a modified vaccinia Ankara-based HIV-1 vaccine (MVA-B) in HIV-1-infected patients alone or in combination with a drug to reactivate latent HIV-1. <i>Journal of Antimicrobial Chemotherapy</i> , 2015 , 70, 1833-42	5.1	47
148	Somatostatin-positive interneurons in the dentate gyrus of mice provide local- and long-range septal synaptic inhibition. <i>ELife</i> , 2017 , 6,	8.9	47
147	HIV-1 exploits CCR5 conformational heterogeneity to escape inhibition by chemokines. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 9475-80	11.5	46
146	Overview of SARS-CoV-2 infection in adults living with HIV. <i>Lancet HIV,the</i> , 2021 , 8, e294-e305	7.8	46
145	Beyond plasticity: the dynamic impact of electrical synapses on neural circuits. <i>Nature Reviews Neuroscience</i> , 2019 , 20, 253-271	13.5	46
144	Measuring the firing rate of high-resistance neurons with cell-attached recording. <i>Journal of Neuroscience</i> , 2012 , 32, 3118-30	6.6	45
143	Recommendations for measuring HIV reservoir size in cure-directed clinical trials. <i>Nature Medicine</i> , 2020 , 26, 1339-1350	50.5	43

142	Anti-HIV activity of stilbene-related heterocyclic compounds. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2006 , 16, 4075-9	2.9	41
141	The presence of HIV-1 Tat protein second exon delays fas protein-mediated apoptosis in CD4+ T lymphocytes: a potential mechanism for persistent viral production. <i>Journal of Biological Chemistry</i> , 2013 , 288, 7626-7644	5.4	39
140	MC159L protein from the poxvirus molluscum contagiosum virus inhibits NF-kappaB activation and apoptosis induced by PKR. <i>Journal of General Virology</i> , 2001 , 82, 3027-3034	4.9	39
139	Environmentally Friendly Procedure Based on Supercritical Fluid Chromatography and Tandem Mass Spectrometry Molecular Networking for the Discovery of Potent Antiviral Compounds from <i>Euphorbia semiperfoliata</i> . <i>Journal of Natural Products</i> , 2017 , 80, 2620-2629	4.9	37
138	Induction of an endothelial cell growth factor by human cytomegalovirus infection of fibroblasts. <i>Journal of General Virology</i> , 1991 , 72 (Pt 11), 2765-70	4.9	37
137	Factors Leading to the Loss of Natural Elite Control of HIV-1 Infection. <i>Journal of Virology</i> , 2018 , 92,	6.6	36
136	Dasatinib inhibits HIV-1 replication through the interference of SAMHD1 phosphorylation in CD4+ T cells. <i>Biochemical Pharmacology</i> , 2016 , 106, 30-45	6	35
135	CXCL12 gene expression is upregulated by hypoxia and growth arrest but not by inflammatory cytokines in rheumatoid synovial fibroblasts. <i>Cytokine</i> , 2011 , 53, 184-90	4	35
134	The carboxyl-terminal domain of connexin43 is a negative modulator of neuronal differentiation. <i>Journal of Biological Chemistry</i> , 2010 , 285, 11836-45	5.4	35
133	Broadly cross-neutralizing antibodies in HIV-1 patients with undetectable viremia. <i>Journal of Virology</i> , 2011 , 85, 5804-13	6.6	35
132	Genotypic determination of HIV tropism - clinical and methodological recommendations to guide the therapeutic use of CCR5 antagonists. <i>AIDS Reviews</i> , 2010 , 12, 135-48	1.5	34
131	A sensitive phenotypic assay for the determination of human immunodeficiency virus type 1 tropism. <i>Journal of Antimicrobial Chemotherapy</i> , 2010 , 65, 2493-501	5.1	33
130	International network for comparison of HIV neutralization assays: the NeutNet report II. <i>PLoS ONE</i> , 2012 , 7, e36438	3.7	32
129	Basal shuttle of NF-kappaB/I kappaB alpha in resting T lymphocytes regulates HIV-1 LTR dependent expression. <i>Retrovirology</i> , 2007 , 4, 56	3.6	32
128	Estimating functional connectivity in an electrically coupled interneuron network. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, E4798-807	11.5	31
127	Update on clinical and methodological recommendations for genotypic determination of HIV tropism to guide the usage of CCR5 antagonists. <i>AIDS Reviews</i> , 2012 , 14, 208-17	1.5	31
126	A multicenter randomized open-label clinical trial for convalescent plasma in patients hospitalized with COVID-19 pneumonia. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	30
125	The CCR5-antagonist Maraviroc reverses HIV-1 latency in vitro alone or in combination with the PKC-agonist Bryostatins-1. <i>Scientific Reports</i> , 2017 , 7, 2385	4.9	29

124	Protein kinase C θ is a specific target for inhibition of the HIV type 1 replication in CD4+ T lymphocytes. <i>Journal of Biological Chemistry</i> , 2011 , 286, 27363-77	5.4	29
123	Screening of selected plant extracts for in vitro inhibitory activity on human immunodeficiency virus. <i>Phytotherapy Research</i> , 2002 , 16, 550-4	6.7	29
122	Prostratin Induces HIV Activation and Downregulates HIV Receptors in Peripheral Blood Lymphocytes. <i>Antiviral Therapy</i> , 2004 , 9, 545-554	1.6	29
121	Analysis of Non-AIDS-Defining Events in HIV Controllers. <i>Clinical Infectious Diseases</i> , 2016 , 62, 1304-1309	11.6	28
120	A cell-to-cell HIV transfer assay identifies humoral responses with broad neutralization activity. <i>Vaccine</i> , 2011 , 29, 5250-9	4.1	28
119	Application of proteomics technology for analyzing the interactions between host cells and intracellular infectious agents. <i>Proteomics</i> , 2008 , 8, 852-73	4.8	27
118	Isolation, Structural Modification, and HIV Inhibition of Pentacyclic Lupane-Type Triterpenoids from <i>Cassine xylocarpa</i> and <i>Maytenus cuzcoina</i> . <i>Journal of Natural Products</i> , 2015 , 78, 1045-55	4.9	26
117	Olean-18-ene triterpenoids from Celastraceae species inhibit HIV replication targeting NF- κ B and Sp1 dependent transcription. <i>European Journal of Medicinal Chemistry</i> , 2012 , 52, 295-303	6.8	26
116	HLA-B*57 and IFNL4-related polymorphisms are associated with protection against HIV-1 disease progression in controllers. <i>Clinical Infectious Diseases</i> , 2017 , 64, 621-628	11.6	26
115	Negatively charged glyconanoparticles modulate and stabilize the secondary structures of a gp120 V3 loop peptide: toward fully synthetic HIV vaccine candidates. <i>Bioconjugate Chemistry</i> , 2015 , 26, 755-65	6.3	25
114	Fas activation of a proinflammatory program in rheumatoid synoviocytes and its regulation by FLIP and caspase 8 signaling. <i>Arthritis and Rheumatism</i> , 2006 , 54, 1473-81		25
113	A Founder Effect Led Early SARS-CoV-2 Transmission in Spain. <i>Journal of Virology</i> , 2021 , 95,	6.6	24
112	Intracellular expression of Tat alters mitochondrial functions in T cells: a potential mechanism to understand mitochondrial damage during HIV-1 replication. <i>Retrovirology</i> , 2015 , 12, 78	3.6	23
111	SDF-1/CXCL12 production by mature dendritic cells inhibits the propagation of X4-tropic HIV-1 isolates at the dendritic cell-T-cell infectious synapse. <i>Journal of Virology</i> , 2010 , 84, 4341-51	6.6	23
110	LTR and tat variability of HIV-1 isolates from patients with divergent rates of disease progression. <i>Virus Research</i> , 1998 , 57, 11-20	6.4	23
109	Evaluation of the Abbott LCx quantitative assay for measurement of human immunodeficiency virus RNA in plasma. <i>Journal of Clinical Microbiology</i> , 2002 , 40, 1518-21	9.7	23
108	Screening of South American plants against human immunodeficiency virus: preliminary fractionation of aqueous extract from <i>Baccharis trinervis</i> . <i>Biological and Pharmaceutical Bulletin</i> , 2002 , 25, 1147-50	2.3	23
107	Expression of IkappaB α in the nucleus of human peripheral blood T lymphocytes. <i>Oncogene</i> , 1999 , 18, 1581-8	9.2	23

106	A single-residue change in the HIV-1 V3 loop associated with maraviroc resistance impairs CCR5 binding affinity while increasing replicative capacity. <i>Retrovirology</i> , 2015 , 12, 50	3.6	22
105	Prostratin induces HIV activation and downregulates HIV receptors in peripheral blood lymphocytes. <i>Antiviral Therapy</i> , 2004 , 9, 545-54	1.6	22
104	Structure-based design of an RNA-binding p-terphenylene scaffold that inhibits HIV-1 Rev protein function. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 13405-9	16.4	21
103	Analysis of protein kinase C theta inhibitors for the control of HIV-1 replication in human CD4+ T cells reveals an effect on retrotranscription in addition to viral transcription. <i>Biochemical Pharmacology</i> , 2015 , 94, 241-56	6	20
102	Caspase-3-mediated cleavage of p65/RelA results in a carboxy-terminal fragment that inhibits I κ B α and enhances HIV-1 replication in human T lymphocytes. <i>Retrovirology</i> , 2008 , 5, 109	3.6	20
101	Association between stromal cell-derived factor 1 chemokine gene variant and radiographic progression of rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2005 , 52, 354-6		20
100	Involvement of the Rac1-IRSp53-Wave2-Arp2/3 Signaling Pathway in HIV-1 Gag Particle Release in CD4 T Cells. <i>Journal of Virology</i> , 2015 , 89, 8162-81	6.6	19
99	Molecular phenotype of CXCL12beta 3'UTR G801A polymorphism (rs1801157) associated to HIV-1 disease progression. <i>Current HIV Research</i> , 2009 , 7, 384-9	1.3	19
98	An in vivo functional immune system lacking polyclonal T-cell surface expression of the CD3/Ti(WT31) complex. <i>Scandinavian Journal of Immunology</i> , 1987 , 26, 699-708	3.4	19
97	c/EBPbeta is a major regulatory element driving transcriptional activation of the CXCL12 promoter. <i>Journal of Molecular Biology</i> , 2010 , 396, 463-72	6.5	18
96	Antagonistic modulation of human cytomegalovirus replication by transforming growth factor beta and basic fibroblastic growth factor. <i>Journal of General Virology</i> , 1993 , 74 (Pt 2), 269-74	4.9	18
95	Phylodynamics of SARS-CoV-2 transmission in Spain		18
94	Hydroxytyrosol: a new class of microbicide displaying broad anti-HIV-1 activity. <i>Aids</i> , 2016 , 30, 2767-2776	3.5	17
93	Detection of Broadly Neutralizing Activity within the First Months of HIV-1 Infection. <i>Journal of Virology</i> , 2016 , 90, 5231-5245	6.6	17
92	Bioavailable inhibitors of HIV-1 RNA biogenesis identified through a Rev-based screen. <i>Biochemical Pharmacology</i> , 2016 , 107, 14-28	6	17
91	Maraviroc and reverse transcriptase inhibitors combinations as potential preexposure prophylaxis candidates. <i>Aids</i> , 2016 , 30, 1015-25	3.5	16
90	Ellagitannins from <i>Tuberaria lignosa</i> as entry inhibitors of HIV. <i>Phytomedicine</i> , 2010 , 17, 69-74	6.5	15
89	Genetic analysis of the long terminal repeat (LTR) promoter region in HIV-1-infected individuals with different rates of disease progression. <i>Virus Genes</i> , 2007 , 34, 111-6	2.3	15

88	Natural human antibodies retrieved by phage display libraries from healthy donors: polyreactivity and recognition of human immunodeficiency virus type 1gp120 epitopes. <i>Scandinavian Journal of Immunology</i> , 1999 , 50, 270-9	3.4	15
87	Changes in the cellular microRNA profile by the intracellular expression of HIV-1 Tat regulator: A potential mechanism for resistance to apoptosis and impaired proliferation in HIV-1 infected CD4+ T cells. <i>PLoS ONE</i> , 2017 , 12, e0185677	3.7	15
86	Mechanisms of Abrupt Loss of Virus Control in a Cohort of Previous HIV Controllers. <i>Journal of Virology</i> , 2019 , 93,	6.6	15
85	CCR5 structural plasticity shapes HIV-1 phenotypic properties. <i>PLoS Pathogens</i> , 2018 , 14, e1007432	7.6	14
84	Guatemalan plants extracts as virucides against HIV-1 infection. <i>Phytomedicine</i> , 2008 , 15, 520-4	6.5	13
83	Anti-HIV activity of some synthetic lignanolides and intermediates. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004 , 14, 4483-6	2.9	13
82	Characterization of broadly neutralizing antibody responses to HIV-1 in a cohort of long term non-progressors. <i>PLoS ONE</i> , 2018 , 13, e0193773	3.7	13
81	Immune activation promotes evolutionary conservation of T-cell epitopes in HIV-1. <i>PLoS Biology</i> , 2013 , 11, e1001523	9.7	12
80	PLA2G1B is involved in CD4 anergy and CD4 lymphopenia in HIV-infected patients. <i>Journal of Clinical Investigation</i> , 2020 , 130, 2872-2887	15.9	12
79	Impaired Cytotoxic Response in PBMCs From Patients With COVID-19 Admitted to the ICU: Biomarkers to Predict Disease Severity. <i>Frontiers in Immunology</i> , 2021 , 12, 665329	8.4	12
78	Dual role of host cell factors in HIV-1 replication: restriction and enhancement of the viral cycle. <i>AIDS Reviews</i> , 2010 , 12, 103-12	1.5	12
77	Tyrosine kinase inhibitors: potential use and safety considerations in HIV-1 infection. <i>Expert Opinion on Drug Safety</i> , 2017 , 16, 547-559	4.1	11
76	The mutation of Transportin 3 gene that causes limb girdle muscular dystrophy 1F induces protection against HIV-1 infection. <i>PLoS Pathogens</i> , 2019 , 15, e1007958	7.6	11
75	HCV-coinfection is related to an increased HIV-1 reservoir size in cART-treated HIV patients: a cross-sectional study. <i>Scientific Reports</i> , 2019 , 9, 5606	4.9	11
74	A small-molecule inhibitor of HIV-1 Rev function detected by a diversity screen based on RRE-Rev interference. <i>Biochemical Pharmacology</i> , 2018 , 156, 68-77	6	11
73	Transcription elongation regulator 1 (TCERG1) regulates competent RNA polymerase II-mediated elongation of HIV-1 transcription and facilitates efficient viral replication. <i>Retrovirology</i> , 2013 , 10, 124	3.6	11
72	A novel factor distinct from E2F mediates C-MYC promoter activation through its E2F element during exit from quiescence. <i>Carcinogenesis</i> , 2009 , 30, 440-8	4.6	11
71	Safety and vaccine-induced HIV-1 immune responses in healthy volunteers following a late MVA-B boost 4 years after the last immunization. <i>PLoS ONE</i> , 2017 , 12, e0186602	3.7	11

70	Dasatinib protects humanized mice from acute HIV-1 infection. <i>Biochemical Pharmacology</i> , 2020 , 174, 113625	6	11
69	Class-modeling analysis reveals T-cell homeostasis disturbances involved in loss of immune control in elite controllers. <i>BMC Medicine</i> , 2018 , 16, 30	11.4	10
68	Drastic decrease of transcription activity due to hypermutated long terminal repeat (LTR) region in different HIV-1 subtypes and recombinants. <i>Antiviral Research</i> , 2010 , 88, 152-9	10.8	10
67	A new strategy based on recombinant viruses for assessing the replication capacity of HIV-1. <i>HIV Medicine</i> , 2008 , 9, 160-71	2.7	10
66	Characterization of LEDGF/p75 genetic variants and association with HIV-1 disease progression. <i>PLoS ONE</i> , 2012 , 7, e50204	3.7	10
65	Evaluation of resistance to HIV-1 infection ex vivo of PBMCs isolated from patients with chronic myeloid leukemia treated with different tyrosine kinase inhibitors. <i>Biochemical Pharmacology</i> , 2018 , 156, 248-264	6	10
64	HIV-1 latency and eradication of long-term viral reservoirs. <i>Discovery Medicine</i> , 2010 , 9, 185-91	2.5	10
63	Transcriptome Sequencing of Peripheral Blood Mononuclear Cells from Elite Controller-Long Term Non Progressors. <i>Scientific Reports</i> , 2019 , 9, 14265	4.9	9
62	Generation and characterization of a defective HIV-1 Virus as an immunogen for a therapeutic vaccine. <i>PLoS ONE</i> , 2012 , 7, e48848	3.7	9
61	Determination of HIV tropism and its use in the clinical practice. <i>Expert Review of Anti-Infective Therapy</i> , 2013 , 11, 1291-302	5.5	9
60	Broadly neutralizing antibodies and their significance for HIV-1 vaccines. <i>Current HIV Research</i> , 2010 , 8, 602-12	1.3	9
59	CCR5 genotype and HIV-1 infection in perinatally-exposed infants. <i>Journal of Infection</i> , 1999 , 38, 9-11	18.9	9
58	Electrical Synapses Enhance and Accelerate Interneuron Recruitment in Response to Coincident and Sequential Excitation. <i>Frontiers in Cellular Neuroscience</i> , 2018 , 12, 156	6.1	8
57	In vitro selective elimination of HIV-infected cells from peripheral blood in AIDS patients by the immunotoxin DAB389CD4. <i>Aids</i> , 1998 , 12, 859-63	3.5	8
56	Functional Consequences for Apoptosis by Transcription Elongation Regulator 1 (TCERG1)-Mediated Bcl-x and Fas/CD95 Alternative Splicing. <i>PLoS ONE</i> , 2015 , 10, e0139812	3.7	7
55	Clinical, virological and biochemical evidence supporting the association of HIV-1 reverse transcriptase polymorphism R284K and thymidine analogue resistance mutations M41L, L210W and T215Y in patients failing tenofovir/emtricitabine therapy. <i>Retrovirology</i> , 2012 , 9, 68	3.6	7
54	Use of RT-defective HIV virions: new tool to evaluate specific response in chronic asymptomatic HIV-infected individuals. <i>PLoS ONE</i> , 2013 , 8, e58927	3.7	7
53	PKC δ and HIV-1 Transcriptional Regulator Tat Co-exist at the LTR Promoter in CD4(+) T Cells. <i>Frontiers in Immunology</i> , 2016 , 7, 69	8.4	7

52	Lower expression of plasma-derived exosome miR-21 levels in HIV-1 elite controllers with decreasing CD4 T cell count. <i>Journal of Microbiology, Immunology and Infection</i> , 2019 , 52, 667-671	8.5	7
51	Different Expression of Interferon-Stimulated Genes in Response to HIV-1 Infection in Dendritic Cells Based on Their Maturation State. <i>Journal of Virology</i> , 2017 , 91,	6.6	6
50	MAZ induces MYB expression during the exit from quiescence via the E2F site in the MYB promoter. <i>Nucleic Acids Research</i> , 2017 , 45, 9960-9975	20.1	6
49	Neoflavonoids as Inhibitors of HIV-1 Replication by Targeting the Tat and NF-B Pathways. <i>Molecules</i> , 2017 , 22,	4.8	6
48	Pharmacogenetics of the lipodystrophy syndrome associated with HIV infection and combination antiretroviral therapy. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2011 , 7, 1365-82	5.5	6
47	Reverse transcriptase-like activity in <i>Trypanosoma cruzi</i> . <i>Acta Tropica</i> , 1997 , 63, 117-26	3.2	6
46	Indomethacin in the relief of AIDS symptoms. <i>Lancet, The</i> , 1986 , 2, 570	4.0	6
45	An Efficient Microarray-Based Genotyping Platform for the Identification of Drug-Resistance Mutations in Majority and Minority Subpopulations of HIV-1 Quasispecies. <i>PLoS ONE</i> , 2016 , 11, e0166902	3.7	6
44	5-Hydroxytyrosol inhibits HIV-1 replication in primary cells of the lower and upper female reproductive tract. <i>Antiviral Research</i> , 2017 , 142, 16-20	10.8	5
43	Axonal Computations. <i>Frontiers in Cellular Neuroscience</i> , 2019 , 13, 413	6.1	5
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41	Structure-Based Design of an RNA-Binding p-Terphenylene Scaffold that Inhibits HIV-1 Rev Protein Function. <i>Angewandte Chemie</i> , 2013 , 125, 13647-13651	3.6	5
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15	Environmentally-Friendly Workflow Based on Supercritical Fluid Chromatography and Tandem Mass Spectrometry Molecular Networking For the Discovery of Potent Anti-Viral Leads From Plants		1
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