

Jean-Charles Grivel

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

98
papers

4,509
citations

40
h-index

65
g-index

101
ext. papers

5,149
ext. citations

8.4
avg, IF

5.09
L-index

#	Paper	IF	Citations
98	Semen-derived amyloid fibrils drastically enhance HIV infection. <i>Cell</i> , 2007 , 131, 1059-71	56.2	424
97	CD4+ T-cell death induced by infectious and noninfectious HIV-1: role of type 1 interferon-dependent, TRAIL/DR5-mediated apoptosis. <i>Blood</i> , 2005 , 106, 3524-31	2.2	170
96	Abnormal activation and cytokine spectra in lymph nodes of people chronically infected with HIV-1. <i>Blood</i> , 2007 , 109, 4272-9	2.2	166
95	CCR5- and CXCR4-tropic HIV-1 are equally cytopathic for their T-cell targets in human lymphoid tissue. <i>Nature Medicine</i> , 1999 , 5, 344-6	50.5	154
94	Extracellular vesicles-mediated intercellular communication: roles in the tumor microenvironment and anti-cancer drug resistance. <i>Molecular Cancer</i> , 2019 , 18, 55	42.1	145
93	Biological and technical variables affecting immunoassay recovery of cytokines from human serum and simulated vaginal fluid: a multicenter study. <i>Analytical Chemistry</i> , 2008 , 80, 4741-51	7.8	136
92	TNF-related apoptosis-inducing ligand (TRAIL) in HIV-1-infected patients and its in vitro production by antigen-presenting cells. <i>Blood</i> , 2005 , 105, 2458-64	2.2	131
91	Use of human tissue explants to study human infectious agents. <i>Nature Protocols</i> , 2009 , 4, 256-69	18.8	122
90	CXCR4 utilization is sufficient to trigger CD4+ T cell depletion in HIV-1-infected human lymphoid tissue. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999 , 96, 663-8	11.5	121
89	Ex vivo culture of human colorectal tissue for the evaluation of candidate microbicides. <i>Aids</i> , 2006 , 20, 1237-45	3.5	108
88	HIV-1 sexual transmission: early events of HIV-1 infection of human cervico-vaginal tissue in an optimized ex vivo model. <i>Mucosal Immunology</i> , 2010 , 3, 280-90	9.2	102
87	Evidence for the HIV-1 phenotype switch as a causal factor in acquired immunodeficiency. <i>Nature Medicine</i> , 1998 , 4, 346-9	50.5	102
86	Acyclovir is activated into a HIV-1 reverse transcriptase inhibitor in herpesvirus-infected human tissues. <i>Cell Host and Microbe</i> , 2008 , 4, 260-270	23.4	102
85	Evidence of perturbations of the cytokine network in preterm labor. <i>American Journal of Obstetrics and Gynecology</i> , 2015 , 213, 836.e1-836.e18	6.4	101
84	Suppression of CCR5- but not CXCR4-tropic HIV-1 in lymphoid tissue by human herpesvirus 6. <i>Nature Medicine</i> , 2001 , 7, 1232-5	50.5	98
83	Selective transmission of R5 HIV-1 variants: where is the gatekeeper?. <i>Journal of Translational Medicine</i> , 2011 , 9 Suppl 1, S6	8.5	85
82	Isolation and clonal analysis of human epidermal keratinocyte stem cells in long-term culture. <i>Stem Cells</i> , 2003 , 21, 481-94	5.8	81

81	Preferential coreceptor utilization and cytopathicity by dual-tropic HIV-1 in human lymphoid tissue ex vivo. <i>Journal of Clinical Investigation</i> , 1999 , 104, R7-R11	15.9	79
80	Dual role of prostratin in inhibition of infection and reactivation of human immunodeficiency virus from latency in primary blood lymphocytes and lymphoid tissue. <i>Journal of Virology</i> , 2004 , 78, 10507-15	6.6	78
79	HIV-1 induced activation of CD4+ T cells creates new targets for HIV-1 infection in human lymphoid tissue ex vivo. <i>Blood</i> , 2008 , 111, 699-704	2.2	76
78	Pathogenic effects of human herpesvirus 6 in human lymphoid tissue ex vivo. <i>Journal of Virology</i> , 2003 , 77, 8280-9	6.6	76
77	Paracrine Mechanisms of Mesenchymal Stromal Cells in Angiogenesis. <i>Stem Cells International</i> , 2020 , 2020, 4356359	5	75
76	Nef enhances human immunodeficiency virus replication and responsiveness to interleukin-2 in human lymphoid tissue ex vivo. <i>Journal of Virology</i> , 1999 , 73, 3968-74	6.6	68
75	Inhibition of HIV-1 replication in human lymphoid tissues ex vivo by measles virus. <i>Journal of Infectious Diseases</i> , 2005 , 192, 71-8	7	64
74	Productive HIV-1 infection of human cervical tissue ex vivo is associated with the secretory phase of the menstrual cycle. <i>Mucosal Immunology</i> , 2013 , 6, 1081-90	9.2	63
73	Semen of HIV-1-infected individuals: local shedding of herpesviruses and reprogrammed cytokine network. <i>Journal of Infectious Diseases</i> , 2012 , 205, 97-105	7	60
72	Activation of T lymphocytes in atherosclerotic plaques. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 2929-37	9.4	59
71	Human immunodeficiency virus type 1 coreceptor preferences determine target T-cell depletion and cellular tropism in human lymphoid tissue. <i>Journal of Virology</i> , 2000 , 74, 5347-51	6.6	59
70	Immunization through dermal delivery of protein-encoding DNA: a role for migratory dendritic cells. <i>European Journal of Immunology</i> , 1999 , 29, 446-54	6.1	59
69	Measles virus vaccine attenuation: suboptimal infection of lymphatic tissue and tropism alteration. <i>Journal of Infectious Diseases</i> , 2007 , 196, 541-9	7	57
68	Reving up Natural Killer Cells and Cytokine-Induced Killer Cells Against Hematological Malignancies. <i>Frontiers in Immunology</i> , 2015 , 6, 230	8.4	56
67	HIV-1 pathogenesis differs in rectosigmoid and tonsillar tissues infected ex vivo with CCR5- and CXCR4-tropic HIV-1. <i>Aids</i> , 2007 , 21, 1263-72	3.5	53
66	Nanoparticle-based flow virometry for the analysis of individual virions. <i>Journal of Clinical Investigation</i> , 2013 , 123, 3716-27	15.9	51
65	A highly sensitive and dynamic immunofluorescent cytometric bead assay for the detection of HIV-1 p24. <i>Journal of Virological Methods</i> , 2009 , 157, 98-101	2.6	47
64	Viral interactions in human lymphoid tissue: Human herpesvirus 7 suppresses the replication of CCR5-tropic human immunodeficiency virus type 1 via CD4 modulation. <i>Journal of Virology</i> , 2007 , 81, 708-17	6.6	45

63	Systemic inflammation and liver damage in HIV/hepatitis C virus coinfection. <i>HIV Medicine</i> , 2016 , 17, 581-97	4.7	44
62	Interleukin-7 facilitates HIV-1 transmission to cervico-vaginal tissue ex vivo. <i>PLoS Pathogens</i> , 2013 , 9, e1003148	7.6	42
61	Human immunodeficiency virus type 1 induces apoptosis in CD4(+) but not in CD8(+) T cells in ex vivo-infected human lymphoid tissue. <i>Journal of Virology</i> , 2000 , 74, 8077-84	6.6	42
60	Blockade of CC chemokine receptor 5 (CCR5)-tropic human immunodeficiency virus-1 replication in human lymphoid tissue by CC chemokines. <i>Journal of Clinical Investigation</i> , 1998 , 101, 1876-80	15.9	41
59	Multisite comparison of anti-human immunodeficiency virus microbicide activity in explant assays using a novel endpoint analysis. <i>Journal of Clinical Microbiology</i> , 2009 , 47, 3530-9	9.7	40
58	Modulation of Immune Responses by Extracellular Vesicles From Retinal Pigment Epithelium 2016 , 57, 4101-7		40
57	Vpr and Vpu are important for efficient human immunodeficiency virus type 1 replication and CD4+ T-cell depletion in human lymphoid tissue ex vivo. <i>Journal of Virology</i> , 2004 , 78, 12689-93	6.6	36
56	Cytomegalovirus-Productive Infection Is Associated With Acute Coronary Syndrome. <i>Journal of the American Heart Association</i> , 2016 , 5,	6	32
55	Cervico-vaginal tissue ex vivo as a model to study early events in HIV-1 infection. <i>American Journal of Reproductive Immunology</i> , 2011 , 65, 268-78	3.8	32
54	A new class of dual-targeted antivirals: monophosphorylated acyclovir prodrug derivatives suppress both human immunodeficiency virus type 1 and herpes simplex virus type 2. <i>Journal of Infectious Diseases</i> , 2010 , 201, 635-43	7	31
53	Contrasting roles for TLR ligands in HIV-1 pathogenesis. <i>PLoS ONE</i> , 2010 , 5, e12831	3.7	30
52	Protein kinase A regulates caspase-1 via Ets-1 in bone stromal cell-derived lesions: a link between cyclic AMP and pro-inflammatory pathways in osteoblast progenitors. <i>Human Molecular Genetics</i> , 2011 , 20, 165-75	5.6	29
51	Cytokine-chemokine network driven metastasis in esophageal cancer; promising avenue for targeted therapy. <i>Molecular Cancer</i> , 2021 , 20, 2	42.1	29
50	Structural differences among monoclonal antibodies with distinct fine specificities and kinetic properties. <i>Molecular Immunology</i> , 1999 , 36, 1189-205	4.3	28
49	IL-15 alters expression and function of the chemokine receptor CX3CR1 in human NK cells. <i>Cellular Immunology</i> , 2004 , 230, 99-108	4.4	26
48	HIV-1 imposes rigidity on blood and semen cytokine networks. <i>American Journal of Reproductive Immunology</i> , 2012 , 68, 515-21	3.8	24
47	Evaluation of the maturation of individual Dengue virions with flow virometry. <i>Virology</i> , 2016 , 488, 20-7	3.6	23
46	Immune suppression of human lymphoid tissues and cells in rotating suspension culture and onboard the International Space Station. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2009 , 45, 622-32	2.6	23

45	Sustained secretion of immunoglobulin by long-lived human tonsil plasma cells. <i>American Journal of Pathology</i> , 2007 , 171, 917-27	5.8	23
44	2D MXenes with antiviral and immunomodulatory properties: A pilot study against SARS-CoV-2. <i>Nano Today</i> , 2021 , 38, 101136	17.9	23
43	Antigenic composition of single nano-sized extracellular blood vesicles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015 , 11, 489-98	6	22
42	The cytokine network in women with an asymptomatic short cervix and the risk of preterm delivery. <i>American Journal of Reproductive Immunology</i> , 2017 , 78, e12686	3.8	21
41	Differential pathogenesis of primary CCR5-using human immunodeficiency virus type 1 isolates in ex vivo human lymphoid tissue. <i>Journal of Virology</i> , 2005 , 79, 11151-60	6.6	20
40	Pertussis toxin B-oligomer dissociates T cell activation and HIV replication in CD4 T cells released from infected lymphoid tissue. <i>Aids</i> , 2005 , 19, 1007-14	3.5	19
39	Segregation of R5 and X4 HIV-1 variants to memory T cell subsets differentially expressing CD62L in ex vivo infected human lymphoid tissue. <i>Aids</i> , 2002 , 16, 1245-9	3.5	19
38	Coreceptor choice and T cell depletion by R5, X4, and R5X4 HIV-1 variants in CCR5-deficient (CCR5delta32) and normal human lymphoid tissue. <i>Virology</i> , 2001 , 281, 239-47	3.6	18
37	Flow virometry analysis of envelope glycoprotein conformations on individual HIV virions. <i>Scientific Reports</i> , 2017 , 7, 948	4.9	16
36	CXCR4-tropic HIV-1 suppresses replication of CCR5-tropic HIV-1 in human lymphoid tissue by selective induction of CC-chemokines. <i>Journal of Infectious Diseases</i> , 2004 , 189, 506-14	7	16
35	Systematic evaluation of immune regulation and modulation 2017 , 5, 21		15
34	HIV-1 expressing the envelopes of transmitted/founder or control/reference viruses have similar infection patterns of CD4 T-cells in human cervical tissue ex vivo. <i>PLoS ONE</i> , 2012 , 7, e50839	3.7	15
33	Breakdown of tolerance to a neo-self antigen in double transgenic mice in which B cells present the antigen. <i>Journal of Immunology</i> , 2000 , 164, 4594-600	5.3	15
32	Evolution of SIV toward RANTES resistance in macaques rapidly progressing to AIDS upon coinfection with HHV-6A. <i>Retrovirology</i> , 2009 , 6, 61	3.6	14
31	Upregulation of human cytomegalovirus by HIV type 1 in human lymphoid tissue ex vivo. <i>AIDS Research and Human Retroviruses</i> , 2008 , 24, 453-62	1.6	14
30	Depletion of CD4 T lymphocytes in human lymphoid tissue infected ex vivo with doxycycline-dependent HIV-1. <i>Virology</i> , 2004 , 328, 1-6	3.6	14
29	Exploiting the anti-HIV-1 activity of acyclovir: suppression of primary and drug-resistant HIV isolates and potentiation of the activity by ribavirin. <i>Antimicrobial Agents and Chemotherapy</i> , 2012 , 56, 2604-11	5.9	13
28	Bystander CD4+ T lymphocytes survive in HIV-infected human lymphoid tissue. <i>AIDS Research and Human Retroviruses</i> , 2003 , 19, 211-6	1.6	12

27	Flow analysis of individual blood extracellular vesicles in acute coronary syndrome. <i>Platelets</i> , 2017 , 28, 165-173	3.6	11
26	Design and cellular kinetics of dansyl-labeled CADA derivatives with anti-HIV and CD4 receptor down-modulating activity. <i>Biochemical Pharmacology</i> , 2007 , 74, 566-78	6	11
25	Human immunodeficiency virus type 1 (HIV-1) non-B subtypes are similar to HIV-1 subtype B in that coreceptor specificity is a determinant of cytopathicity in human lymphoid tissue infected ex vivo. <i>Journal of Virology</i> , 2001 , 75, 10520-2	6.6	11
24	An Model of HIV-1 Infection in Human Lymphoid Tissue and Cervico-vaginal Tissue. <i>Bio-protocol</i> , 2014 , 4,	0.9	10
23	Real-time PCR assay of individual human immunodeficiency virus type 1 variants in coinfecting human lymphoid tissues. <i>Journal of Clinical Microbiology</i> , 2003 , 41, 2126-31	9.7	9
22	Rapid induction of anti-idiotypic responses to unmodified monoclonal antibodies from syngeneic mice following primary immunization. <i>Journal of Immunological Methods</i> , 1993 , 158, 173-82	2.5	9
21	Valacyclovir Decreases Plasma HIV-1 RNA in HSV-2 Seronegative Individuals: A Randomized Placebo-Controlled Crossover Trial. <i>Clinical Infectious Diseases</i> , 2015 , 60, 1708-14	11.6	8
20	A universal nanoparticle cell secretion capture assay. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2013 , 83, 205-11	4.6	8
19	Noninfectious X4 but not R5 human immunodeficiency virus type 1 virions inhibit humoral immune responses in human lymphoid tissue ex vivo. <i>Journal of Virology</i> , 2004 , 78, 7061-8	6.6	8
18	Endocytosis and presentation of liposome-associated antigens by B cells. <i>ImmunoMethods</i> , 1994 , 4, 223-8		7
17	Analysis of RBC-microparticles in stored whole blood bags - a promising marker to detect blood doping in sports?. <i>Drug Testing and Analysis</i> , 2017 , 9, 1794-1798	3.5	6
16	Histocultures (tissue explants) in human retrovirology. <i>Methods in Molecular Biology</i> , 2014 , 1087, 233-48	1.4	6
15	Analysis of Extracellular Vesicles Using Magnetic Nanoparticles in Blood of Patients with Acute Coronary Syndrome. <i>Biochemistry (Moscow)</i> , 2016 , 81, 382-391	2.9	5
14	Dromedary camels as a natural source of neutralizing nanobodies against SARS-CoV-2. <i>JCI Insight</i> , 2021 , 6,	9.9	5
13	Addition of thrombin reduces the recovery of extracellular vesicles from blood plasma. <i>Journal of Circulating Biomarkers</i> , 2016 , 5, 1849454416663648	3.3	4
12	Productive Cytomegalovirus Infection Is Associated With Impaired Endothelial Function in ST-Elevation Myocardial Infarction. <i>American Journal of Medicine</i> , 2020 , 133, 133-142	2.4	4
11	Flow Virometry to Analyze Antigenic Spectra of Virions and Extracellular Vesicles. <i>Journal of Visualized Experiments</i> , 2017 ,	1.6	3
10	Toxoplasma gondii inhibits R5 HIV-1 replication in human lymphoid tissues ex vivo. <i>Microbes and Infection</i> , 2009 , 11, 1106-13	9.3	3

9	Small molecule inhibitor of HIV-1 nuclear import suppresses HIV-1 replication in human lymphoid tissue ex vivo: a potential addition to current anti-HIV drug repertoire. <i>Antiviral Research</i> , 2000 , 47, 89-95 ^{10.8}	3
8	Human Immunodeficiency Virus Type 1 Coreceptor Preferences Determine Target T-Cell Depletion and Cellular Tropism in Human Lymphoid Tissue. <i>Journal of Virology</i> , 2000 , 74, 5347-5351	6.6 2
7	Standardization of a cytometric p24-capture bead-assay for the detection of main HIV-1 subtypes. <i>Journal of Virological Methods</i> , 2016 , 230, 45-52	2.6 1
6	Flow-Cytometry Platform for Intracellular Detection of FVIII in Blood Cells: A New Tool to Assess Gene Therapy Efficiency for Hemophilia A. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020 , 17, 1-12	6.4 1
5	Accessible Source of Stem Cells: Expansion of CD34+ Cells in Bulk Peripheral Blood Mononuclear Cells Using UM171. <i>Blood</i> , 2020 , 136, 14-15	2.2
4	Large-Scale Proteomic Analysis of Soluble Compartment in Pediatric Acute Lymphoblastic Leukemia. <i>Blood</i> , 2020 , 136, 6-7	2.2
3	B-T Cell Interactions in GRAFT-Versus-Host Disease. <i>Blood</i> , 2020 , 136, 38-38	2.2
2	Towards a Standardization and Characterization of Clinical Grade Adipose-Derived Stromal Cells. <i>Blood</i> , 2019 , 134, 5013-5013	2.2
1	X-Linked Agammaglobulinemia Case with TH Domain Missense Mutation in Bruton Tyrosine Kinase. <i>Journal of Clinical Immunology</i> , 2021 , 41, 825-828	5.7