

Pierre Roques

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128
papers

7,094
citations

46
h-index

82
g-index

139
ext. papers

7,984
ext. citations

7.2
avg, IF

5.16
L-index

#	Paper	IF	Citations
128	Identification of a new human immunodeficiency virus type 1 distinct from group M and group O. <i>Nature Medicine</i> , 1998 , 4, 1032-7	50.5	429
127	Chikungunya disease in nonhuman primates involves long-term viral persistence in macrophages. <i>Journal of Clinical Investigation</i> , 2010 , 120, 894-906	15.9	364
126	Nonpathogenic SIV infection of African green monkeys induces a strong but rapidly controlled type I IFN response. <i>Journal of Clinical Investigation</i> , 2009 , 119, 3544-55	15.9	353
125	Nef-mediated suppression of T cell activation was lost in a lentiviral lineage that gave rise to HIV-1. <i>Cell</i> , 2006 , 125, 1055-67	56.2	318
124	Chikungunya fever: epidemiology, clinical syndrome, pathogenesis and therapy. <i>Antiviral Research</i> , 2013 , 99, 345-70	10.8	303
123	Chikungunya virus arthritis in adult wild-type mice. <i>Journal of Virology</i> , 2010 , 84, 8021-32	6.6	302
122	Antiinflammatory profiles during primary SIV infection in African green monkeys are associated with protection against AIDS. <i>Journal of Clinical Investigation</i> , 2005 , 115, 1082-91	15.9	201
121	The sensitivity of HIV-1 DNA polymerase chain reaction in the neonatal period and the relative contributions of intra-uterine and intra-partum transmission. <i>Aids</i> , 1995 , 9, F7-11	3.5	195
120	Paucity of CD4+CCR5+ T cells is a typical feature of natural SIV hosts. <i>Blood</i> , 2007 , 109, 1069-76	2.2	178
119	On chikungunya acute infection and chloroquine treatment. <i>Vector-Borne and Zoonotic Diseases</i> , 2008 , 8, 837-9	2.4	174
118	Chikungunya disease: infection-associated markers from the acute to the chronic phase of arbovirus-induced arthralgia. <i>PLoS Neglected Tropical Diseases</i> , 2012 , 6, e1446	4.8	156
117	Island biogeography reveals the deep history of SIV. <i>Science</i> , 2010 , 329, 1487	33.3	144
116	Early neutralizing IgG response to Chikungunya virus in infected patients targets a dominant linear epitope on the E2 glycoprotein. <i>EMBO Molecular Medicine</i> , 2012 , 4, 330-43	12	139
115	Synthetic peptide strategy for the detection of and discrimination among highly divergent primate lentiviruses. <i>AIDS Research and Human Retroviruses</i> , 2001 , 17, 937-52	1.6	106
114	Paradoxical Effect of Chloroquine Treatment in Enhancing Chikungunya Virus Infection. <i>Viruses</i> , 2018 , 10,	6.2	102
113	Novel attenuated Chikungunya vaccine candidates elicit protective immunity in C57BL/6 mice. <i>Journal of Virology</i> , 2014 , 88, 2858-66	6.6	100
112	The molecular population genetics of HIV-1 group O. <i>Genetics</i> , 2004 , 167, 1059-68	4	89

111	Cellular distribution and karyophilic properties of matrix, integrase, and Vpr proteins from the human and simian immunodeficiency viruses. <i>Experimental Cell Research</i> , 2000 , 260, 387-95	4.2	86
110	HIV-1 diversity in France, 1996-1998. The AC 11 laboratory network. <i>Aids</i> , 2000 , 14, 289-96	3.5	82
109	Immunovirological Analyses of Chronically Simian Immunodeficiency Virus SIVmnd-1- and SIVmnd-2-Infected Mandrills (<i>Mandrillus sphinx</i>). <i>Journal of Virology</i> , 2012 , 86, 1900-1900	6.6	78
108	Inflammatory control in AIDS-resistant non human primates. <i>Retrovirology</i> , 2009 , 6, 123	3.6	78
107	Impact of short term HAART initiated during the acute or chronic stage on SIV infection of the male genital tract. <i>Retrovirology</i> , 2010 , 7,	3.6	78
106	Molecular evidence for deep phylogenetic divergence in <i>Mandrillus sphinx</i> . <i>Molecular Ecology</i> , 2003 , 12, 2019-24	5.7	78
105	Paucity of CD4+ CCR5+ T cells may prevent transmission of simian immunodeficiency virus in natural nonhuman primate hosts by breast-feeding. <i>Journal of Virology</i> , 2008 , 82, 5501-9	6.6	76
104	Impact of viral factors on very early in vivo replication profiles in simian immunodeficiency virus SIVagm-infected African green monkeys. <i>Journal of Virology</i> , 2005 , 79, 6249-59	6.6	76
103	Chikungunya, a paradigm of neglected tropical disease that emerged to be a new health global risk. <i>Journal of Clinical Virology</i> , 2015 , 64, 144-52	14.5	75
102	A serological survey of Ebola virus infection in central African nonhuman primates. <i>Journal of Infectious Diseases</i> , 2004 , 190, 1895-9	7	71
101	Evaluation of Cytokeratin 7 as an accurate intracellular marker with which to assess the purity of human placental villous trophoblast cells by flow cytometry. <i>Journal of Immunological Methods</i> , 2004 , 286, 21-34	2.5	70
100	High levels of viral replication contrast with only transient changes in CD4(+) and CD8(+) cell numbers during the early phase of experimental infection with simian immunodeficiency virus SIVmnd-1 in <i>Mandrillus sphinx</i> . <i>Journal of Virology</i> , 2002 , 76, 10256-63	6.6	67
99	Phylogenetic analysis of 49 newly derived HIV-1 group O strains: high viral diversity but no group M-like subtype structure. <i>Virology</i> , 2002 , 302, 259-73	3.6	66
98	High levels of SIVmnd-1 replication in chronically infected <i>Mandrillus sphinx</i> . <i>Virology</i> , 2003 , 317, 119-27	3.6	66
97	Compartmentalization of HIV-1 between breast milk and blood of HIV-infected mothers. <i>Virology</i> , 2002 , 300, 109-17	3.6	65
96	HIV-1 group N among HIV-1-seropositive individuals in Cameroon. <i>Aids</i> , 2000 , 14, 2623-5	3.5	65
95	Evidence and possible mechanisms of rare maternal-fetal transmission of SARS-CoV-2. <i>Journal of Clinical Virology</i> , 2020 , 128, 104447	14.5	64
94	Chronic SIV infection ultimately causes immunodeficiency in African non-human primates. <i>Aids</i> , 2001 , 15, 2461-2	3.5	61

93	Imipramine Inhibits Chikungunya Virus Replication in Human Skin Fibroblasts through Interference with Intracellular Cholesterol Trafficking. <i>Scientific Reports</i> , 2017 , 7, 3145	4.9	59
92	Interleukin 6, RANKL, and osteoprotegerin expression by chikungunya virus-infected human osteoblasts. <i>Journal of Infectious Diseases</i> , 2012 , 206, 455-7: 457-9	7	59
91	Discovery of naturally occurring transmissible chronic hepatitis B virus infection among <i>Macaca fascicularis</i> from Mauritius Island. <i>Hepatology</i> , 2013 , 58, 1610-20	11.2	58
90	RNA-Seq analysis of chikungunya virus infection and identification of granzyme A as a major promoter of arthritic inflammation. <i>PLoS Pathogens</i> , 2017 , 13, e1006155	7.6	58
89	Sodium taurocholate cotransporting polypeptide is the limiting host factor of hepatitis B virus infection in macaque and pig hepatocytes. <i>Hepatology</i> , 2017 , 66, 703-716	11.2	56
88	Prime-boost immunization strategies against Chikungunya virus. <i>Journal of Virology</i> , 2014 , 88, 13333-43	6.6	55
87	Modulations of cytokine expression in pregnant women. <i>American Journal of Reproductive Immunology</i> , 1997 , 37, 215-26	3.8	55
86	Therapeutics and vaccines against chikungunya virus. <i>Vector-Borne and Zoonotic Diseases</i> , 2015 , 15, 250-7	4	53
85	Phenotypic susceptibility to nonnucleoside inhibitors of virion-associated reverse transcriptase from different HIV types and groups. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2004 , 37, 1543-9	3.1	52
84	Chikungunya virus takes centre stage in virally induced arthritis: possible cellular and molecular mechanisms to pathogenesis. <i>Microbes and Infection</i> , 2009 , 11, 1206-18	9.3	51
83	Infection of semen-producing organs by SIV during the acute and chronic stages of the disease. <i>PLoS ONE</i> , 2008 , 3, e1792	3.7	50
82	HIV type 1 diversity in France, 1999-2001: molecular characterization of non-B HIV type 1 subtypes and potential impact on susceptibility to antiretroviral drugs. <i>AIDS Research and Human Retroviruses</i> , 2003 , 19, 41-7	1.6	46
81	Identification of hepatitis B virus subgenotype A3 in rural Gabon. <i>Journal of Medical Virology</i> , 2006 , 78, 1175-84	19.7	45
80	Phylogenetic characteristics of three new HIV-1 N strains and implications for the origin of group N. <i>Aids</i> , 2004 , 18, 1371-81	3.5	45
79	HIV-1 co-receptor expression on trophoblastic cells from early placentas and permissivity to infection by several HIV-1 primary isolates. <i>Clinical and Experimental Immunology</i> , 2000 , 119, 486-92	6.2	45
78	Chikungunya virus pathogenesis and immunity. <i>Vector-Borne and Zoonotic Diseases</i> , 2015 , 15, 241-9	2.4	43
77	Effect of a short-term HAART on SIV load in macaque tissues is dependent on time of initiation and antiviral diffusion. <i>Retrovirology</i> , 2010 , 7, 78	3.6	42
76	Attenuated and vectored vaccines protect nonhuman primates against Chikungunya virus. <i>JCI Insight</i> , 2017 , 2, e83527	9.9	42

75	Specific and non-specific immunity and protection of macaques against SIV infection. <i>Vaccine</i> , 1992 , 10, 873-9	4.1	40
74	An animal model for antiretroviral therapy: effect of zidovudine on viral load during acute infection after exposure of macaques to simian immunodeficiency virus. <i>AIDS Research and Human Retroviruses</i> , 1994 , 10, 1279-87	1.6	39
73	Updates on chikungunya epidemiology, clinical disease, and diagnostics. <i>Vector-Borne and Zoonotic Diseases</i> , 2015 , 15, 223-30	2.4	38
72	Analysis of partial pol and env sequences indicates a high prevalence of HIV type 1 recombinant strains circulating in Gabon. <i>AIDS Research and Human Retroviruses</i> , 2002 , 18, 1103-16	1.6	38
71	Plasma viral RNA assay in HIV-1 group O infection by real-time PCR. <i>Journal of Virological Methods</i> , 2003 , 113, 43-9	2.6	37
70	Elevated Basal Pre-infection CXCL10 in Plasma and in the Small Intestine after Infection Are Associated with More Rapid HIV/SIV Disease Onset. <i>PLoS Pathogens</i> , 2016 , 12, e1005774	7.6	36
69	Selective quasispecies transmission after systemic or mucosal exposure of macaques to simian immunodeficiency virus. <i>Virology</i> , 1998 , 243, 12-20	3.6	35
68	Primary simian immunodeficiency virus SIVmnd-2 infection in mandrills (<i>Mandrillus sphinx</i>). <i>Journal of Virology</i> , 2006 , 80, 3301-9	6.6	34
67	Evidence of recombination between divergent hepatitis E viruses. <i>Journal of Virology</i> , 2005 , 79, 9306-14	6.6	34
66	Dynamics of viral replication in blood and lymphoid tissues during SIVmac251 infection of macaques. <i>Retrovirology</i> , 2009 , 6, 106	3.6	33
65	AIDS vaccine developments. <i>Nature</i> , 1992 , 355, 684	50.4	33
64	Unique epitopes recognized by antibodies induced in Chikungunya virus-infected non-human primates: implications for the study of immunopathology and vaccine development. <i>PLoS ONE</i> , 2014 , 9, e95647	3.7	33
63	Placental cytokine and chemokine production in HIV-1-infected women: trophoblast cells show a different pattern compared to cells from HIV-negative women. <i>Clinical and Experimental Immunology</i> , 2001 , 125, 455-64	6.2	30
62	High prevalence of hepatitis C virus infection and predominance of genotype 4 in rural Gabon. <i>Journal of Medical Virology</i> , 2008 , 80, 1581-7	19.7	27
61	Reliability of rapid diagnostic tests for HIV variant infection. <i>Journal of Virological Methods</i> , 2002 , 103, 183-90	2.6	27
60	Seroprevalence of fecal-oral transmitted hepatitis A and E virus antibodies in Burkina Faso. <i>PLoS ONE</i> , 2012 , 7, e48125	3.7	26
59	Hepatitis viruses in non-human primates. <i>Journal of Medical Primatology</i> , 2006 , 35, 384-7	0.7	26
58	Occurrence of hepatitis viruses in wild-born non-human primates: a 3 year (1998-2001) epidemiological survey in Gabon. <i>Journal of Medical Primatology</i> , 2003 , 32, 307-14	0.7	26

57	Primary HIV-1 drug resistance in Abidjan (Côte d'Ivoire): a genotypic and phenotypic study. <i>Aids</i> , 2002 , 16, 488-91	3.5	26
56	Infectious Chikungunya Virus in the Saliva of Mice, Monkeys and Humans. <i>PLoS ONE</i> , 2015 , 10, e0139481	3.7	25
55	Expression of beta chemokines in explants and trophoblasts from early and term human placentae. <i>American Journal of Reproductive Immunology</i> , 2001 , 46, 309-17	3.8	24
54	Correlation between HIV provirus burden and in utero transmission. <i>Aids</i> , 1993 , 7 Suppl 2, S39-43	3.5	24
53	Hepatitis E Virus Exposure is Increased in Pork Butchers from Burkina Faso. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015 , 93, 1356-9	3.2	23
52	Variation in virological parameters and antibody responses in macaques after atraumatic vaginal exposure to a pathogenic primary isolate of SIVmac251. <i>Research in Virology</i> , 1998 , 149, 53-68		23
51	Identification of hepatitis B virus genome in faecal sample from wild living chimpanzee (Pan troglodytes troglodytes) in Gabon. <i>Journal of Clinical Virology</i> , 2005 , 34 Suppl 1, S83-8	14.5	22
50	Vertical transmission of HIV: parameters which might affect infection of placental trophoblasts by HIV-1: a review. Biomed Group on the Study of in Utero Transmission of HIV 1. <i>American Journal of Reproductive Immunology</i> , 1999 , 41, 312-9	3.8	22
49	Chikungunya fever: focus on peripheral markers of pathogenesis. <i>Journal of Infectious Diseases</i> , 2011 , 203, 141-3	7	21
48	Integrase polymorphism and HIV-1 group O diversity. <i>Aids</i> , 2008 , 22, 1239-43	3.5	21
47	SIVcpz from a naturally infected Cameroonian chimpanzee: biological and genetic comparison with HIV-1 N. <i>Journal of Medical Primatology</i> , 2000 , 29, 166-72	0.7	20
46	Phylogenetic analysis of the first complete hepatitis E virus (HEV) genome from Africa. <i>FEMS Immunology and Medical Microbiology</i> , 2003 , 39, 133-9		20
45	Immunovirological analyses of chronically simian immunodeficiency virus SIVmnd-1- and SIVmnd-2-infected mandrills (<i>Mandrillus sphinx</i>). <i>Journal of Virology</i> , 2011 , 85, 13077-87	6.6	19
44	An unusual HIV type 1 env sequence embedded in a mosaic virus from Cameroon: identification of a new env clade. European Network on the study of in utero transmission of HIV-1. <i>AIDS Research and Human Retroviruses</i> , 1999 , 15, 1585-9	1.6	19
43	Antiretroviral treatment start-time during primary SIV(mac) infection in macaques exerts a different impact on early viral replication and dissemination. <i>PLoS ONE</i> , 2010 , 5, e10570	3.7	18
42	Methotrexate and BAFF interaction prevents immunization against TNF inhibitors. <i>Annals of the Rheumatic Diseases</i> , 2018 , 77, 1463-1470	2.4	17
41	Two distinct STLV-1 subtypes infecting <i>Mandrillus sphinx</i> follow the geographic distribution of their hosts. <i>AIDS Research and Human Retroviruses</i> , 2004 , 20, 1137-43	1.6	16
40	Sequence analysis of env C2/V3, gag p17/p24, and pol protease regions of 25 HIV type 1 isolates from Ho Chi Minh City, Vietnam. <i>AIDS Research and Human Retroviruses</i> , 2001 , 17, 1285-91	1.6	16

39	Superinfection of HIV-2-preinfected macaques after rectal exposure to a primary isolate of SIVmac251. <i>Virology</i> , 1996 , 221, 260-70	3.6	16
38	Simian immunodeficiency virus types 1 and 2 (SIV mnd 1 and 2) have different pathogenic potentials in rhesus macaques upon experimental cross-species transmission. <i>Journal of General Virology</i> , 2009 , 90, 488-499	4.9	14
37	Early SIV and HIV infection promotes the LILRB2/MHC-I inhibitory axis in cDCs. <i>Cellular and Molecular Life Sciences</i> , 2018 , 75, 1871-1887	10.3	13
36	In vitro comparison of three common essential oils mosquito repellents as inhibitors of the Ross River virus. <i>PLoS ONE</i> , 2018 , 13, e0196757	3.7	12
35	Hepatitis C virus infection may lead to slower emergence of P. falciparum in blood. <i>PLoS ONE</i> , 2011 , 6, e16034	3.7	12
34	Reaction of nucleic acid bases with .alpha.-acetylenic esters. 5. Synthesis and properties of adenosine and cytidine derivatives. <i>Journal of Organic Chemistry</i> , 1992 , 57, 1579-1585	4.2	12
33	High HIV Type 1 prevalence and wide genetic diversity with dominance of recombinant strains but low level of antiretroviral drug-resistance mutations in untreated patients in northeast Gabon, Central Africa. <i>AIDS Research and Human Retroviruses</i> , 2009 , 25, 411-8	1.6	11
32	Complete-genome analysis of hepatitis B virus from wild-born chimpanzees in central Africa demonstrates a strain-specific geographical cluster. <i>Journal of General Virology</i> , 2007 , 88, 2679-2685	4.9	11
31	A New STLV-1 in a household pet Cercopithecus nictitans from Gabon. <i>AIDS Research and Human Retroviruses</i> , 2004 , 20, 679-83	1.6	11
30	Reaction of Acetylenic Compounds With Nucleobases in Nucleosides, Nucleotides and Poly(A). <i>Nucleosides & Nucleotides</i> , 1985 , 4, 161-163		11
29	Impact of short-term HAART initiated during the chronic stage or shortly post-exposure on SIV infection of male genital organs. <i>PLoS ONE</i> , 2012 , 7, e37348	3.7	11
28	Molecular characterization of the 17D-204 yellow fever vaccine. <i>Vaccine</i> , 2015 , 33, 5432-5436	4.1	10
27	Reactions of nucleic acid bases with alpha-acetylenic esters. Chemical modification of poly(A) and poly(C). <i>FEBS Journal</i> , 1987 , 167, 103-9		10
26	Immunophenotypic lymphocyte profiles in human african trypanosomiasis. <i>PLoS ONE</i> , 2009 , 4, e6184	3.7	9
25	Hepatitis E Virus Prevalence among Blood Donors, Ouagadougou, Burkina Faso. <i>Emerging Infectious Diseases</i> , 2016 , 22, 755-7	10.2	9
24	Bioluminescent Ross River Virus Allows Live Monitoring of Acute and Long-Term Alphaviral Infection by In Vivo Imaging. <i>Viruses</i> , 2019 , 11,	6.2	8
23	Preexposure chemoprophylaxis for HIV prevention. <i>New England Journal of Medicine</i> , 2011 , 364, 1374; author reply 1374-5	59.2	8
22	Predominant intracellular expression of CXCR4 and CCR5 in purified primary trophoblast cells from first trimester and term human placentae. <i>American Journal of Reproductive Immunology</i> , 2003 , 50, 291-301	3.8	8

21	Induction of humoral and cellular immunity to simian immunodeficiency virus: what are the requirements for protection?. <i>Vaccine</i> , 1994 , 12, 1132-40	4.1	8
20	Neonatal diagnosis of HIV infection. <i>Lancet, The</i> , 1991 , 338, 631	4.0	6
19	Prevalence of anti-hepatitis E virus antibodies in domestic animal from three representative provinces of Burkina Faso. <i>Veterinary and Animal Science</i> , 2019 , 7, 100059	2.3	5
18	The growth of arthralgic Ross River virus is restricted in human monocytic cells. <i>Virus Research</i> , 2016 , 225, 64-68	6.4	5
17	Both Systemic and Intra-articular Immunization with Citrullinated Peptides Are Needed to Induce Arthritis in the Macaque. <i>Frontiers in Immunology</i> , 2017 , 8, 1816	8.4	5
16	Sustained virological failure in Cameroonesse patient infected by HIV-1 group N evidenced by sequence-based genotyping assay. <i>Aids</i> , 2015 , 29, 1267-9	3.5	5
15	Valine 11 and phenylalanine 13 have a greater impact on the T-cell response to citrullinated peptides than the 70-74 shared epitope of the DRB1 molecule in macaques. <i>Annals of the Rheumatic Diseases</i> , 2019 , 78, 917-921	2.4	4
14	Chikungunya: international focus issue. <i>Vector-Borne and Zoonotic Diseases</i> , 2015 , 15, 221-2	2.4	4
13	Reaction of nucleic acid bases with alpha-acetylenic esters. Part IV. Preparation of an alkylating derivative of tRNA(Phe) by conformation-specific chemical modification. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1988 , 951, 71-7		3
12	Vaccines Against Chikungunya Virus Infection 2016 , 45-62		2
11	The pyriproxyfen metabolite, 4POH-PPF, disrupts thyroid hormone signaling in neural stem cells, modifying neurodevelopmental genes affected by ZIKA virus infection. <i>Environmental Pollution</i> , 2021 , 285, 117654	9.3	2
10	A New Thienopyrimidinone Chemotype Shows Multistage Activity against Plasmodium falciparum, Including Artemisinin-Resistant Parasites. <i>Microbiology Spectrum</i> , 2021 , 9, e0027421	8.9	2
9	Variability of human immunodeficiency virus-1 in the female genital reservoir during genital reactivation of herpes simplex virus type 2. <i>Clinical Microbiology and Infection</i> , 2015 , 21, 873.e1-9	9.5	1
8	Reply to "Control of Simian Immunodeficiency Virus SIVmnd-1 RNA Plasma Viremia after Coinfection or Superinfection with SIVmnd-1 in SIVmnd-2-Infected Mandrills and Vice Versa". <i>Journal of Virology</i> , 2012 , 86, 2387-8	6.6	1
7	Distribution and molecular characterization of avian hepatitis E virus (aHEV) in domestic and wild birds in Burkina Faso. <i>Journal of Veterinary Medicine and Animal Health</i> , 2019 , 11, 45-50	0.4	
6	A new type of chemically modified tRNA as a tool for the study of tRNA-aminoacyl-tRNA synthetase interaction. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1989 , 1009, 99-102		
5	Chlorotetrolic Acid Ester as a Structural Probe of RNA. <i>Nucleosides & Nucleotides</i> , 1990 , 9, 455-456		
4	A conformation-specific chemical modification of nucleic acids. <i>Biochemical Pharmacology</i> , 1988 , 37, 1823-4		

- 3 Prevalence and Diversity of Hepatitis Virus Markers among Patients with Acute Febrile Jaundice in Chad. *Microbiology Research*, **2021**, 12, 878-887 1
- 2 Purifying Selection in Human Immunodeficiency Virus-1 Gene in Perinatally Human Immunodeficiency Virus-1-Infected Children Harboring Discordant Immunological Response and Virological Nonresponse to Long-Term Antiretroviral Therapy. *Journal of Clinical Medicine Research*, **2020**, 12, 369-376 2.9
- 1 Host Response and Mechanisms of Subversion of Chikungunya **2016**, 19-32