

# Anne-Mieke Vandamme

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/5551359/anne-mieke-vandamme-publications-by-year.pdf>

**Version:** 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

401  
papers

16,422  
citations

67  
h-index

108  
g-index

517  
ext. papers

18,470  
ext. citations

5.3  
avg, IF

6.03  
L-index

#	Paper	IF	Citations
401	Doubt at the core: Unspoken vaccine hesitancy among healthcare workers.. <i>Lancet Regional Health - Europe, The</i> , <b>2022</b> , 12, 100289		6
400	Differentiating between viruses and virus species by writing their names correctly.. <i>Archives of Virology</i> , <b>2022</b> , 167, 1231	2.6	5
399	Genome-wide diversity of Zika virus: Exploring spatio-temporal dynamics to guide a new nomenclature proposal.. <i>Virus Evolution</i> , <b>2022</b> , 8, veac029	3.7	0
398	Qualitative systems mapping for complex public health problems: A practical guide.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0264463	3.7	1
397	Exploring the mechanisms behind HIV drug resistance in sub-Saharan Africa: conceptual mapping of a complex adaptive system based on multi-disciplinary expert insights.. <i>BMC Public Health</i> , <b>2022</b> , 22, 455	4.1	1
396	Factors Associated with HIV Drug Resistance in Dar es Salaam, Tanzania: Analysis of a Complex Adaptive System.. <i>Pathogens</i> , <b>2021</b> , 10,	4.5	3
395	Development of HIV Drug Resistance in a Cohort of Adults on First-Line Antiretroviral Therapy in Tanzania during the Stavudine Era. <i>Microbiology Research</i> , <b>2021</b> , 12, 847-861	1	2
394	Sexually transmitted infections, their treatment and urban change in colonial Leopoldville, 1910-1960. <i>Medical History</i> , <b>2021</b> , 65, 178-196	0.2	0
393	Behavioral changes before lockdown and decreased retail and recreation mobility during lockdown contributed most to controlling COVID-19 in Western countries. <i>BMC Public Health</i> , <b>2021</b> , 21, 654	4.1	6
392	A Comprehensive Molecular Epidemiological Analysis of SARS-CoV-2 Infection in Cyprus from April 2020 to January 2021: Evidence of a Highly Polyphyletic and Evolving Epidemic. <i>Viruses</i> , <b>2021</b> , 13,	6.2	5
391	Comparison of two simulators for individual based models in HIV epidemiology in a population with HSV 2 in Yaoundé (Cameroon). <i>Scientific Reports</i> , <b>2021</b> , 11, 14696	4.9	1
390	Changes to virus taxonomy and to the International Code of Virus Classification and Nomenclature ratified by the International Committee on Taxonomy of Viruses (2021). <i>Archives of Virology</i> , <b>2021</b> , 166, 2633-2648	2.6	52
389	Determinants of HIV-1 Late Presentation in Patients Followed in Europe. <i>Pathogens</i> , <b>2021</b> , 10,	4.5	5
388	Sampling bias and incorrect rooting make phylogenetic network tracing of SARS-COV-2 infections unreliable. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 12522-12523	11.5	46
387	Quality Control of Next-Generation Sequencing-Based HIV-1 Drug Resistance Data in Clinical Laboratory Information Systems Framework. <i>Viruses</i> , <b>2020</b> , 12,	6.2	2
386	Molecular Epidemiology of HIV-1 Infected Migrants Followed up in Portugal: Trends between 2001-2017. <i>Viruses</i> , <b>2020</b> , 12,	6.2	7
385	A prospect on the use of antiviral drugs to control local outbreaks of COVID-19. <i>BMC Medicine</i> , <b>2020</b> , 18, 191	11.4	25

384	Air conditioning system usage and SARS-CoV-2 transmission dynamics in Iran. <i>Medical Hypotheses</i> , <b>2020</b> , 143, 110164	3.8	2
383	Increasing Prevalence of HIV-1 Transmitted Drug Resistance in Portugal: Implications for First Line Treatment Recommendations. <i>Viruses</i> , <b>2020</b> , 12,	6.2	4
382	Scenario-driven forecasting: modeling peaks and paths. Insights from the COVID-19 pandemic in Belgium. <i>Scientometrics</i> , <b>2020</b> , 124, 1-13	3	5
381	Global and regional epidemiology of HIV-1 recombinants in 1990-2015: a systematic review and global survey. <i>Lancet HIV,the</i> , <b>2020</b> , 7, e772-e781	7.8	14
380	A computational method for the identification of Dengue, Zika and Chikungunya virus species and genotypes. <i>PLoS Neglected Tropical Diseases</i> , <b>2019</b> , 13, e0007231	4.8	17
379	Earlier Initiation of Antiretroviral Treatment Coincides With an Initial Control of the HIV-1 Sub-Subtype F1 Outbreak Among Men-Having-Sex-With-Men in Flanders, Belgium. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 613	5.7	8
378	Tracing the Impact of Public Health Interventions on HIV-1 Transmission in Portugal Using Molecular Epidemiology. <i>Journal of Infectious Diseases</i> , <b>2019</b> , 220, 233-243	7	11
377	Genome Detective: an automated system for virus identification from high-throughput sequencing data. <i>Bioinformatics</i> , <b>2019</b> , 35, 871-873	7.2	109
376	Advances in Visualization Tools for Phylogenomic and Phylodynamic Studies of Viral Diseases. <i>Frontiers in Public Health</i> , <b>2019</b> , 7, 208	6	7
375	Cross-country migration linked to people who inject drugs challenges the long-term impact of national HCV elimination programmes. <i>Journal of Hepatology</i> , <b>2019</b> , 71, 1270-1272	13.4	6
374	HIV-related Peer Support in Dar es Salaam: A Pilot Questionnaire Inquiry. <i>Transdisciplinary Insights</i> , <b>2019</b> , 3, 1-18	0.7	2
373	The effect of primary drug resistance on CD4+ cell decline and the viral load set-point in HIV-positive individuals before the start of antiretroviral therapy. <i>Aids</i> , <b>2019</b> , 33, 315-326	3.5	2
372	Clinical use, efficacy, and durability of maraviroc for antiretroviral therapy in routine care: A European survey. <i>PLoS ONE</i> , <b>2019</b> , 14, e0225381	3.7	2
371	Global and regional molecular epidemiology of HIV-1, 1990-2015: a systematic review, global survey, and trend analysis. <i>Lancet Infectious Diseases, The</i> , <b>2019</b> , 19, 143-155	25.5	135
370	A genetic IFN/STAT1/FAS axis determines CD4 T stem cell memory levels and apoptosis in healthy controls and Adult T-cell Leukemia patients. <i>Onc Immunology</i> , <b>2018</b> , 7, e1426423	7.2	9
369	HIV-1 Infection in Cyprus, the Eastern Mediterranean European Frontier: A Densely Sampled Transmission Dynamics Analysis from 1986 to 2012. <i>Scientific Reports</i> , <b>2018</b> , 8, 1702	4.9	8
368	Transmission Networks of HCV Genotype 1a Enriched With Pre-existing Polymorphism Q80K Among HIV-Infected Patients With Acute Hepatitis C in Poland. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , <b>2018</b> , 77, 514-522	3.1	6
367	The impact of HIV-1 within-host evolution on transmission dynamics. <i>Current Opinion in Virology</i> , <b>2018</b> , 28, 92-101	7.5	25

366	Phylogenetic analysis as a forensic tool in HIV transmission investigations. <i>Aids</i> , <b>2018</b> , 32, 543-554	3.5	20
365	Relapse or reinfection after failing hepatitis C direct acting antiviral treatment: Unravalled by phylogenetic analysis. <i>PLoS ONE</i> , <b>2018</b> , 13, e0201268	3.7	11
364	Expert consensus statement on the science of HIV in the context of criminal law. <i>Journal of the International AIDS Society</i> , <b>2018</b> , 21, e25161	5.4	38
363	Predictors of non adherence to antiretroviral therapy at an urban HIV care and treatment center in Tanzania. <i>Drug, Healthcare and Patient Safety</i> , <b>2018</b> , 10, 79-88	1.6	6
362	Time to Harmonize Dengue Nomenclature and Classification. <i>Viruses</i> , <b>2018</b> , 10,	6.2	8
361	Ethical considerations in global HIV phylogenetic research. <i>Lancet HIV,the</i> , <b>2018</b> , 5, e656-e666	7.8	22
360	State of the Art in HIV Drug Resistance: Surveillance and Regional Gaps. <i>AIDS Reviews</i> , <b>2018</b> , 20, 43-57	1.5	2
359	State of the Art in HIV Drug Resistance: Science and Technology Knowledge Gap. <i>AIDS Reviews</i> , <b>2018</b> , 20, 27-42	1.5	7
358	IFN- $\gamma$ induces greater antiproliferative and proapoptotic effects and increased p53 signaling compared with IFN- $\beta$ in PBMCs of Adult T-cell Leukemia/Lymphoma patients. <i>Blood Cancer Journal</i> , <b>2017</b> , 7, e519	7	14
357	Exploring resistance pathways for first-generation NS3/4A protease inhibitors boceprevir and telaprevir using Bayesian network learning. <i>Infection, Genetics and Evolution</i> , <b>2017</b> , 53, 15-23	4.5	7
356	Large cluster outbreaks sustain the HIV epidemic among MSM in Quebec. <i>Aids</i> , <b>2017</b> , 31, 707-717	3.5	20
355	Phylogenetic evidence for underreporting of male-to-male sex among human immunodeficiency virus-infected donors in the Netherlands and Flanders. <i>Transfusion</i> , <b>2017</b> , 57, 1235-1247	2.9	10
354	A21 HIV-1 sub-subtype F1 outbreak among MSM in Belgium. <i>Virus Evolution</i> , <b>2017</b> , 3,	3.7	3
353	Zika genomics urgently need standardized and curated reference sequences. <i>PLoS Pathogens</i> , <b>2017</b> , 13, e1006528	7.6	8
352	A18 Random amplification with next-generation sequencing to cover HIV and HCV full-length genomes. <i>Virus Evolution</i> , <b>2017</b> , 3,	3.7	1
351	The epidemic emergence of HIV: what novel enabling factors were involved?. <i>Future Virology</i> , <b>2017</b> , 12, 685-707	2.4	4
350	Implications of hepatitis C virus subtype 1a migration patterns for virus genetic sequencing policies in Italy. <i>BMC Evolutionary Biology</i> , <b>2017</b> , 17, 70	3	16
349	PhyloGeoTool: interactively exploring large phylogenies in an epidemiological context. <i>Bioinformatics</i> , <b>2017</b> , 33, 3993-3995	7.2	13

348	A Fas Lymphoproliferative Phenotype Reveals Non-Apoptotic Fas Signaling in HTLV-1-Associated Neuroinflammation. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 97	8.4	9
347	On the contribution of Angola to the initial spread of HIV-1. <i>Infection, Genetics and Evolution</i> , <b>2016</b> , 46, 219-222	4.5	7
346	Impact of HCV genotype on treatment regimens and drug resistance: a snapshot in time. <i>Reviews in Medical Virology</i> , <b>2016</b> , 26, 408-434	11.7	32
345	Mapping the genomic diversity of HCV subtypes 1a and 1b: Implications of structural and immunological constraints for vaccine and drug development. <i>Virus Evolution</i> , <b>2016</b> , 2, vew024	3.7	16
344	The global spread of HIV-1 subtype B epidemic. <i>Infection, Genetics and Evolution</i> , <b>2016</b> , 46, 169-179	4.5	32
343	Transmission of HIV Drug Resistance and the Predicted Effect on Current First-line Regimens in Europe. <i>Clinical Infectious Diseases</i> , <b>2016</b> , 62, 655-663	11.6	117
342	Sub-Epidemics Explain Localized High Prevalence of Reduced Susceptibility to Rilpivirine in Treatment-Naive HIV-1-Infected Patients: Subtype and Geographic Compartmentalization of Baseline Resistance Mutations. <i>AIDS Research and Human Retroviruses</i> , <b>2016</b> , 32, 427-33	1.6	14
341	Quantifying Next Generation Sequencing Sample Pre-Processing Bias in HIV-1 Complete Genome Sequencing. <i>Viruses</i> , <b>2016</b> , 8,	6.2	11
340	Family Aggregation of Human T-Lymphotropic Virus 1-Associated Diseases: A Systematic Review. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 1674	5.7	12
339	Detection of Natural Resistance-Associated Substitutions by Ion Semiconductor Technology in HCV1b Positive, Direct-Acting Antiviral Agents-Naïve Patients. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,	6.3	13
338	Male Circumcision and the Epidemic Emergence of HIV-2 in West Africa. <i>PLoS ONE</i> , <b>2016</b> , 11, e0166805	3.7	8
337	New findings in HCV genotype distribution in selected West European, Russian and Israeli regions. <i>Journal of Clinical Virology</i> , <b>2016</b> , 81, 82-9	14.5	50
336	HCV1b genome evolution under selective pressure of the cyclophilin inhibitor alisporivir during the DEB-025-HCV-203 phase II clinical trial. <i>Infection, Genetics and Evolution</i> , <b>2016</b> , 44, 169-181	4.5	3
335	Geographic and temporal trends in the molecular epidemiology and genetic mechanisms of transmitted HIV-1 drug resistance: an individual-patient- and sequence-level meta-analysis. <i>PLoS Medicine</i> , <b>2015</b> , 12, e1001810	11.6	163
334	HIV-1 genotypic drug resistance testing: digging deep, reaching wide?. <i>Current Opinion in Virology</i> , <b>2015</b> , 14, 16-23	7.5	24
333	Bridging epidemiology with population genetics in a low incidence MSM-driven HIV-1 subtype B epidemic in Central Europe. <i>BMC Infectious Diseases</i> , <b>2015</b> , 15, 65	4	9
332	An integrated map of HIV genome-wide variation from a population perspective. <i>Retrovirology</i> , <b>2015</b> , 12, 18	3.6	67
331	A new ensemble coevolution system for detecting HIV-1 protein coevolution. <i>Biology Direct</i> , <b>2015</b> , 10, 1	7.2	30

330	CRF19_cpx is an Evolutionary fit HIV-1 Variant Strongly Associated With Rapid Progression to AIDS in Cuba. <i>EBioMedicine</i> , <b>2015</b> , 2, 244-54	8.8	38
329	Primary resistance to integrase strand-transfer inhibitors in Europe. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2015</b> , 70, 2885-8	5.1	47
328	Predicted residual activity of rilpivirine in HIV-1 infected patients failing therapy including NNRTIs efavirenz or nevirapine. <i>Clinical Microbiology and Infection</i> , <b>2015</b> , 21, 607.e1-8	9.5	13
327	Global Dispersal Pattern of HIV Type 1 Subtype CRF01_AE: A Genetic Trace of Human Mobility Related to Heterosexual Sexual Activities Centralized in Southeast Asia. <i>Journal of Infectious Diseases</i> , <b>2015</b> , 211, 1735-44	7	50
326	Discovery and characterization of auxiliary proteins encoded by type 3 simian T-cell lymphotropic viruses. <i>Journal of Virology</i> , <b>2015</b> , 89, 931-51	6.6	2
325	Disentangling the impact of within-host evolution and transmission dynamics on the tempo of HIV-1 evolution. <i>Aids</i> , <b>2015</b> , 29, 1549-56	3.5	13
324	Virus genetic variability involvement in transmissibility of HIV-1 immune activation and disease progression. <i>Future Virology</i> , <b>2015</b> , 10, 1259-1262	2.4	0
323	Assessing transmissibility of HIV-1 drug resistance mutations from treated and from drug-naive individuals. <i>Aids</i> , <b>2015</b> , 29, 2045-52	3.5	17
322	Genetic Diversity and Selective Pressure in Hepatitis C Virus Genotypes 1-6: Significance for Direct-Acting Antiviral Treatment and Drug Resistance. <i>Viruses</i> , <b>2015</b> , 7, 5018-39	6.2	51
321	Performance of an in-house human immunodeficiency virus type 1 genotyping system for assessment of drug resistance in Cuba. <i>PLoS ONE</i> , <b>2015</b> , 10, e0117176	3.7	3
320	CD80+ and CD86+ B cells as biomarkers and possible therapeutic targets in HTLV-1 associated myelopathy/tropical spastic paraparesis and multiple sclerosis. <i>Journal of Neuroinflammation</i> , <b>2014</b> , 11, 18	10.1	18
319	A stably expressed llama single-domain intrabody targeting Rev displays broad-spectrum anti-HIV activity. <i>Antiviral Research</i> , <b>2014</b> , 112, 91-102	10.8	23
318	Increase in transmitted resistance to non-nucleoside reverse transcriptase inhibitors among newly diagnosed HIV-1 infections in Europe. <i>BMC Infectious Diseases</i> , <b>2014</b> , 14, 407	4	38
317	The characteristics of the HIV subtype B epidemic in Slovenia. <i>BMC Infectious Diseases</i> , <b>2014</b> , 14,	4	78
316	A near-full length genotypic assay for HCV1b. <i>Journal of Virological Methods</i> , <b>2014</b> , 209, 126-35	2.6	11
315	Horizontal gene transfer from human host to HIV-1 reverse transcriptase confers drug resistance and partly compensates for replication deficits. <i>Virology</i> , <b>2014</b> , 456-457, 310-8	3.6	3
314	Characterization of amino acids Arg, Ser and Thr at position 70 within HIV-1 reverse transcriptase. <i>Acta Clinica Belgica</i> , <b>2014</b> , 69, 348-57	1.8	2
313	Trends and predictors of transmitted drug resistance (TDR) and clusters with TDR in a local Belgian HIV-1 epidemic. <i>PLoS ONE</i> , <b>2014</b> , 9, e101738	3.7	30

312	High frequency of antiviral drug resistance and non-b subtypes in HIV-1 patients failing antiviral therapy in Cuba. <i>Journal of the International AIDS Society</i> , <b>2014</b> , 17, 19754	5.4	4
311	Pharmacy refill adherence outperforms self-reported methods in predicting HIV therapy outcome in resource-limited settings. <i>BMC Public Health</i> , <b>2014</b> , 14, 1035	4.1	54
310	HIV-1 Gag C-terminal amino acid substitutions emerging under selective pressure of protease inhibitors in patient populations infected with different HIV-1 subtypes. <i>Retrovirology</i> , <b>2014</b> , 11, 79	3.6	11
309	The genealogical population dynamics of HIV-1 in a large transmission chain: bridging within and among host evolutionary rates. <i>PLoS Computational Biology</i> , <b>2014</b> , 10, e1003505	5	66
308	Clinical and virological response to antiretroviral drugs among HIV patients on first-line treatment in Dar-es-Salaam, Tanzania. <i>Journal of Infection in Developing Countries</i> , <b>2014</b> , 8, 845-52	2.3	6
307	Superior antiviral and antiproliferative activity of IFN-beta vs. IFN-alpha in primary ATL cells occurs downstream of STAT1 signaling. <i>Retrovirology</i> , <b>2014</b> , 11, O22	3.6	2
306	Patterns of transmitted HIV drug resistance in Europe vary by risk group. <i>PLoS ONE</i> , <b>2014</b> , 9, e94495	3.7	28
305	Limited cross-border infections in patients newly diagnosed with HIV in Europe. <i>Retrovirology</i> , <b>2013</b> , 10, 36	3.6	39
304	HIV-1 subtype distribution and its demographic determinants in newly diagnosed patients in Europe suggest highly compartmentalized epidemics. <i>Retrovirology</i> , <b>2013</b> , 10, 7	3.6	103
303	Gender differences in HIV disease progression and treatment outcomes among HIV patients one year after starting antiretroviral treatment (ART) in Dar es Salaam, Tanzania. <i>BMC Public Health</i> , <b>2013</b> , 13, 38	4.1	47
302	HIV-1 fitness landscape models for indinavir treatment pressure using observed evolution in longitudinal sequence data are predictive for treatment failure. <i>Infection, Genetics and Evolution</i> , <b>2013</b> , 19, 349-60	4.5	3
301	Detection of shrew-borne hantavirus in Eurasian pygmy shrew ( <i>Sorex minutus</i> ) in Central Europe. <i>Infection, Genetics and Evolution</i> , <b>2013</b> , 19, 403-10	4.5	31
300	Phylogenetic analysis of G1P[6] group A rotavirus strains detected in Northeast Brazilian children fully vaccinated with Rotarix. <i>Infection, Genetics and Evolution</i> , <b>2013</b> , 19, 395-402	4.5	13
299	Viral phylogeny in court: the unusual case of the Valencian anesthetist. <i>BMC Biology</i> , <b>2013</b> , 11, 83	7.3	12
298	Antiretroviral drug resistance in HIV-1 therapy-naive patients in Cuba. <i>Infection, Genetics and Evolution</i> , <b>2013</b> , 16, 144-50	4.5	20
297	Mutations selected in HIV-2-infected patients failing a regimen including atazanavir. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2013</b> , 68, 190-2	5.1	15
296	Automated subtyping of HIV-1 genetic sequences for clinical and surveillance purposes: performance evaluation of the new REGA version 3 and seven other tools. <i>Infection, Genetics and Evolution</i> , <b>2013</b> , 19, 337-48	4.5	229
295	High inpatient HIV-1 evolutionary rate is associated with CCR5-to-CXCR4 coreceptor switch. <i>Infection, Genetics and Evolution</i> , <b>2013</b> , 19, 369-77	4.5	14

294	Asparagine 42 of the conserved endo-inulinase INU2 motif WMNDPN from <i>Aspergillus ficuum</i> plays a role in activity specificity. <i>FEBS Open Bio</i> , <b>2013</b> , 3, 467-72	2.7	12
293	Molecular typing of the local HIV-1 epidemic in Serbia. <i>Infection, Genetics and Evolution</i> , <b>2013</b> , 19, 378-85	4.5	11
292	Evaluation of the automatic editing tool RECall for HIV-1 pol and V3 loop sequences. <i>Journal of Virological Methods</i> , <b>2013</b> , 193, 135-9	2.6	1
291	Hepatitis C virus infections in the Democratic Republic of Congo exhibit a cohort effect. <i>Infection, Genetics and Evolution</i> , <b>2013</b> , 19, 386-94	4.5	31
290	Intra-host evolutionary rates in HIV-1C env and gag during primary infection. <i>Infection, Genetics and Evolution</i> , <b>2013</b> , 19, 361-8	4.5	25
289	RegaDB: community-driven data management and analysis for infectious diseases. <i>Bioinformatics</i> , <b>2013</b> , 29, 1477-80	7.2	25
288	Decreasing population selection rates of resistance mutation K65R over time in HIV-1 patients receiving combination therapy including tenofovir. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2013</b> , 68, 419-23	5.1	3
287	The demise of multidrug-resistant HIV-1: the national time trend in Portugal. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2013</b> , 68, 911-4	5.1	6
286	Declining prevalence of HIV-1 drug resistance in antiretroviral treatment-exposed individuals in Western Europe. <i>Journal of Infectious Diseases</i> , <b>2013</b> , 207, 1216-20	7	47
285	Structural modifications induced by specific HIV-1 protease-compensatory mutations have an impact on the virological response to a first-line lopinavir/ritonavir-containing regimen. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2013</b> , 68, 2205-9	5.1	8
284	HIV-1 subtype is an independent predictor of reverse transcriptase mutation K65R in HIV-1 patients treated with combination antiretroviral therapy including tenofovir. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2013</b> , 57, 1053-6	5.9	31
283	Superinfection with drug-resistant HIV is rare and does not contribute substantially to therapy failure in a large European cohort. <i>BMC Infectious Diseases</i> , <b>2013</b> , 13, 537	4	3
282	Functional conservation of HIV-1 Gag: implications for rational drug design. <i>Retrovirology</i> , <b>2013</b> , 10, 126	3.6	44
281	Clinical evaluation of Rega 8: an updated genotypic interpretation system that significantly predicts HIV-therapy response. <i>PLoS ONE</i> , <b>2013</b> , 8, e61436	3.7	16
280	Phylodynamics of the HIV-1 CRF02_AG clade in Cameroon. <i>Infection, Genetics and Evolution</i> , <b>2012</b> , 12, 453-60	4.5	45
279	Treatment-associated polymorphisms in protease are significantly associated with higher viral load and lower CD4 count in newly diagnosed drug-naïve HIV-1 infected patients. <i>Retrovirology</i> , <b>2012</b> , 9, 81	3.6	21
278	Simultaneous RNA quantification of human and retroviral genomes reveals intact interferon signaling in HTLV-1-infected CD4+ T cell lines. <i>Virology Journal</i> , <b>2012</b> , 9, 171	6.1	11
277	Phylogeographical footprint of colonial history in the global dispersal of human immunodeficiency virus type 2 group A. <i>Journal of General Virology</i> , <b>2012</b> , 93, 889-899	4.9	46



276	High frequency of antiviral drug resistance and non-B subtypes in HIV-1 patients failing antiviral therapy in Cuba. <i>Journal of Clinical Virology</i> , <b>2012</b> , 55, 348-55	14.5	9
275	Ascorbic acid has superior ex vivo antiproliferative, cell death-inducing and immunomodulatory effects over IFN- $\beta$ in HTLV-1-associated myelopathy. <i>PLoS Neglected Tropical Diseases</i> , <b>2012</b> , 6, e1729	4.8	15
274	Enhanced heterosexual transmission hypothesis for the origin of pandemic HIV-1. <i>Viruses</i> , <b>2012</b> , 4, 1950-63	6.3	10
273	HIV-1 protease mutation 82M contributes to phenotypic resistance to protease inhibitors in subtype G. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2012</b> , 67, 1075-9	5.1	7
272	A public HTLV-1 molecular epidemiology database for sequence management and data mining. <i>PLoS ONE</i> , <b>2012</b> , 7, e42123	3.7	11
271	Science in court: the myth of HIV fingerprinting. <i>Lancet Infectious Diseases</i> , <b>2011</b> , 11, 78-9	25.5	25
270	European guidelines on the clinical management of HIV-1 tropism testing. <i>Lancet Infectious Diseases</i> , <b>2011</b> , 11, 394-407	25.5	194
269	Appearance of a single amino acid insertion at position 33 in HIV type 1 protease under a lopinavir-containing regimen, associated with reduced protease inhibitor susceptibility. <i>AIDS Research and Human Retroviruses</i> , <b>2011</b> , 27, 1223-9	1.6	
268	Prediction of response to antiretroviral therapy by human experts and by the EuResist data-driven expert system (the EVE study). <i>HIV Medicine</i> , <b>2011</b> , 12, 211-8	2.7	24
267	B cell costimulatory molecules as potential biomarkers in HAM/TSP. <i>Retrovirology</i> , <b>2011</b> , 8,	3.6	78
266	Ascorbic acid has superior antiviral and antiproliferative effects over IFN-alpha in HAM/TSP PBMC ex vivo. <i>Retrovirology</i> , <b>2011</b> , 8,	3.6	2
265	CD64 as a biomarker and therapeutic target in HAM/TSP and HTLV-1-associated Infective Dermatitis. <i>Retrovirology</i> , <b>2011</b> , 8,	3.6	78
264	A Bayesian network approach to study host and viral genetic correlates of HIV-1 disease progression. <i>Retrovirology</i> , <b>2011</b> , 8, P70	3.6	1
263	Detection of drug resistance mutations at low plasma HIV-1 RNA load in a European multicentre cohort study. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2011</b> , 66, 1886-96	5.1	39
262	Global trends in molecular epidemiology of HIV-1 during 2000-2007. <i>Aids</i> , <b>2011</b> , 25, 679-89	3.5	535
261	European recommendations for the clinical use of HIV drug resistance testing: 2011 update. <i>AIDS Reviews</i> , <b>2011</b> , 13, 77-108	1.5	95
260	Comparison of HIV-1 genotypic resistance test interpretation systems in predicting virological outcomes over time. <i>PLoS ONE</i> , <b>2010</b> , 5, e11505	3.7	48
259	DEB025 (Alisporivir) inhibits hepatitis C virus replication by preventing a cyclophilin A induced cis-trans isomerisation in domain II of NS5A. <i>PLoS ONE</i> , <b>2010</b> , 5, e13687	3.7	133

258	Antiretroviral therapy optimisation without genotype resistance testing: a perspective on treatment history based models. <i>PLoS ONE</i> , <b>2010</b> , 5, e13753	3.7	18
257	Resistance pathways of human immunodeficiency virus type 1 against the combination of zidovudine and lamivudine. <i>Journal of General Virology</i> , <b>2010</b> , 91, 1898-1908	4.9	15
256	Estimating the individualized HIV-1 genetic barrier to resistance using a nelfinavir fitness landscape. <i>BMC Bioinformatics</i> , <b>2010</b> , 11, 409	3.6	10
255	The rare HIV-1 gp41 mutations 43T and 50V elevate enfuvirtide resistance levels of common enfuvirtide resistance mutations that did not impact susceptibility to sifuvirtide. <i>Antiviral Research</i> , <b>2010</b> , 86, 253-60	10.8	8
254	Extensive survey on the prevalence and genetic diversity of SIVs in primate bushmeat provides insights into risks for potential new cross-species transmissions. <i>Infection, Genetics and Evolution</i> , <b>2010</b> , 10, 386-96	4.5	84
253	Effect of human immunodeficiency virus type 1 protease inhibitor therapy and subtype on development of resistance in subtypes B and G. <i>Infection, Genetics and Evolution</i> , <b>2010</b> , 10, 373-9	4.5	9
252	Population genetic tests suggest that the epidemiologies of JCV and BKV are strikingly different. <i>Infection, Genetics and Evolution</i> , <b>2010</b> , 10, 397-403	4.5	5
251	Differences in molecular evolution between switch (R5 to R5X4/X4-tropic) and non-switch (R5-tropic only) HIV-1 populations during infection. <i>Infection, Genetics and Evolution</i> , <b>2010</b> , 10, 356-64	4.5	27
250	Association between specific HIV-1 Env traits and virologic control in vivo. <i>Infection, Genetics and Evolution</i> , <b>2010</b> , 10, 365-72	4.5	2
249	Comparative performance of the REGA subtyping tool version 2 versus version 1. <i>Infection, Genetics and Evolution</i> , <b>2010</b> , 10, 380-5	4.5	11
248	Detection and molecular characterisation of noroviruses and sapoviruses in asymptomatic swine and cattle in Slovenian farms. <i>Infection, Genetics and Evolution</i> , <b>2010</b> , 10, 413-20	4.5	35
247	High GUD incidence in the early 20 century created a particularly permissive time window for the origin and initial spread of epidemic HIV strains. <i>PLoS ONE</i> , <b>2010</b> , 5, e9936	3.7	39
246	Cellular HIV-1 DNA levels in drug sensitive strains are equivalent to those in drug resistant strains in newly-diagnosed patients in Europe. <i>PLoS ONE</i> , <b>2010</b> , 5, e10976	3.7	8
245	Drug resistance mutations for surveillance of transmitted HIV-1 drug-resistance: 2009 update. <i>PLoS ONE</i> , <b>2009</b> , 4, e4724	3.7	706
244	Quantifying differences in the tempo of human immunodeficiency virus type 1 subtype evolution. <i>Journal of Virology</i> , <b>2009</b> , 83, 12917-24	6.6	77
243	Predictive value of HIV-1 genotypic resistance test interpretation algorithms. <i>Journal of Infectious Diseases</i> , <b>2009</b> , 200, 453-63	7	30
242	Novel recombinant virus assay for measuring susceptibility of human immunodeficiency virus type 1 group M subtypes to clinically approved drugs. <i>Journal of Clinical Microbiology</i> , <b>2009</b> , 47, 2232-42	9.7	13
241	Discordant genotypic interpretation and phenotypic role of protease mutations in HIV-1 subtypes B and G. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2009</b> , 63, 593-9	5.1	18

240	Development and validation of a multiplex real-time PCR assay for simultaneous genotyping and human T-lymphotropic virus type 1, 2, and 3 proviral load determination. <i>Journal of Clinical Microbiology</i> , <b>2009</b> , 47, 3682-91	9.7	27
239	Transmission of drug-resistant HIV-1 is stabilizing in Europe. <i>Journal of Infectious Diseases</i> , <b>2009</b> , 200, 1503-8	7	186
238	Relating increasing hantavirus incidences to the changing climate: the mast connection. <i>International Journal of Health Geographics</i> , <b>2009</b> , 8, 1	3.5	134
237	Evolution and dispersal of St. Louis encephalitis virus in the Americas. <i>Infection, Genetics and Evolution</i> , <b>2009</b> , 9, 709-15	4.5	32
236	Phylogeography and evolutionary history of dengue virus type 3. <i>Infection, Genetics and Evolution</i> , <b>2009</b> , 9, 716-25	4.5	63
235	The rise and fall of K65R in a Portuguese HIV-1 Drug Resistance database, despite continuously increasing use of tenofovir. <i>Infection, Genetics and Evolution</i> , <b>2009</b> , 9, 683-8	4.5	8
234	Quasispecies of hepatitis C virus genotype 1 and treatment outcome with peginterferon and ribavirin. <i>Infection, Genetics and Evolution</i> , <b>2009</b> , 9, 689-98	4.5	19
233	Comparison of three ELISAs for the routine diagnosis of human T-lymphotropic virus infection in a high-prevalence setting in Peru. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , <b>2009</b> , 103, 420-2	2	9
232	Phylogeography of circulating populations of human echovirus 30 over 50 years: nucleotide polymorphism and signature of purifying selection in the VP1 capsid protein gene. <i>Infection, Genetics and Evolution</i> , <b>2009</b> , 9, 699-708	4.5	53
231	Highly divergent subtypes and new recombinant forms prevail in the HIV/AIDS epidemic in Angola: new insights into the origins of the AIDS pandemic. <i>Infection, Genetics and Evolution</i> , <b>2009</b> , 9, 672-82	4.5	38
230	Bioinformatics tools for the investigation of emerging and re-emerging infectious diseases. Introduction. <i>Infection, Genetics and Evolution</i> , <b>2009</b> , 9, 671	4.5	
229	Evolution of genotypic resistance to enfuvirtide in HIV-1 isolates from different group M subtypes. <i>Journal of Clinical Virology</i> , <b>2009</b> , 44, 325-8	14.5	9
228	Tracing the HIV-1 subtype B mobility in Europe: a phylogeographic approach. <i>Retrovirology</i> , <b>2009</b> , 6, 49	3.6	94
227	A standardized framework for accurate, high-throughput genotyping of recombinant and non-recombinant viral sequences. <i>Nucleic Acids Research</i> , <b>2009</b> , 37, W634-42	20.1	128
226	Clinical Implications of Reverse Transcriptase Inhibitor Resistance <b>2009</b> , 589-619		
225	Investigation of expert rule bases, logistic regression, and non-linear machine learning techniques for predicting response to antiretroviral treatment. <i>Antiviral Therapy</i> , <b>2009</b> , 14, 433-42	1.6	19
224	A collaborative environment allowing clinical investigations on integrated biomedical databases. <i>Studies in Health Technology and Informatics</i> , <b>2009</b> , 147, 51-61	0.5	2
223	Investigation of expert rule bases, logistic regression, and non-linear machine learning techniques for predicting response to antiretroviral treatment. <i>Antiviral Therapy</i> , <b>2009</b> , 14, 433-442	1.6	30

222	The epidemic history of hepatitis C among injecting drug users in Flanders, Belgium. <i>Journal of Viral Hepatitis</i> , <b>2008</b> , 15, 399-408	3.4	14
221	A genotypic assay for the amplification and sequencing of integrase from diverse HIV-1 group M subtypes. <i>Journal of Virological Methods</i> , <b>2008</b> , 153, 176-81	2.6	34
220	The incidence of multidrug and full class resistance in HIV-1 infected patients is decreasing over time (2001-2006) in Portugal. <i>Retrovirology</i> , <b>2008</b> , 5, 12	3.6	37
219	HIV-1 gp120 N-linked glycosylation differs between plasma and leukocyte compartments. <i>Virology Journal</i> , <b>2008</b> , 5, 14	6.1	13
218	Prevalence and epidemiology of HIV type 1 drug resistance among newly diagnosed therapy-naive patients in Belgium from 2003 to 2006. <i>AIDS Research and Human Retroviruses</i> , <b>2008</b> , 24, 355-62	1.6	30
217	Impact of HIV-1 protease mutations A71V/T and T74S on M89I/V-mediated protease inhibitor resistance in subtype G isolates. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2008</b> , 61, 1201-4	5.1	17
216	Bayesian network analyses of resistance pathways against efavirenz and nevirapine. <i>Aids</i> , <b>2008</b> , 22, 2107-15	3.5	18
215	Estimation of an in vivo fitness landscape experienced by HIV-1 under drug selective pressure useful for prediction of drug resistance evolution during treatment. <i>Bioinformatics</i> , <b>2008</b> , 24, 34-41	7.2	23
214	Fas 670 promoter polymorphism is associated to susceptibility, clinical presentation, and survival in adult T cell leukemia. <i>Journal of Leukocyte Biology</i> , <b>2008</b> , 83, 220-2	6.5	40
213	Early sequential development of infective dermatitis, human T cell lymphotropic virus type 1-associated myelopathy, and adult T cell leukemia/lymphoma. <i>Clinical Infectious Diseases</i> , <b>2008</b> , 46, 440-2	11.6	38
212	Diagnostic value of different adherence measures using electronic monitoring and virologic failure as reference standards. <i>AIDS Patient Care and STDs</i> , <b>2008</b> , 22, 735-43	5.8	73
211	Impact on replicative fitness of the G48E substitution in the protease of HIV-1: an in vitro and in silico evaluation. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , <b>2008</b> , 48, 255-62	3.1	6
210	Transmission of drug-resistant HIV-1 in Europe remains limited to single classes. <i>Aids</i> , <b>2008</b> , 22, 625-35	3.5	97
209	Change in hepatitis C virus genotype in hemodialysis patients after end-of-treatment response to interferon monotherapy--relapse or re-infection?. <i>Journal of Medical Virology</i> , <b>2008</b> , 80, 80-6	19.7	9
208	Multi-science decision support for HIV drug resistance treatment. <i>Studies in Health Technology and Informatics</i> , <b>2008</b> , 138, 188-98	0.5	1
207	Modelled in vivo HIV fitness under drug selective pressure and estimated genetic barrier towards resistance are predictive for virological response. <i>Antiviral Therapy</i> , <b>2008</b> , 13, 399-407	1.6	7
206	Modelled in vivo HIV Fitness under drug Selective Pressure and Estimated Genetic Barrier Towards Resistance are Predictive for Virological Response. <i>Antiviral Therapy</i> , <b>2008</b> , 13, 399-408	1.6	11
205	Phylogeny of primate T lymphotropic virus type 1 (PTLV-1) including various new Asian and African non-human primate strains. <i>Infection, Genetics and Evolution</i> , <b>2007</b> , 7, 374-81	4.5	29

204	Mutations at 65 and 70 within the context of a Q151M cluster in human immunodeficiency virus type 1 reverse transcriptase impact the susceptibility to the different nucleoside reverse transcriptase inhibitors in distinct ways. <i>Infection, Genetics and Evolution</i> , <b>2007</b> , 7, 600-3	4.5	7
203	Selective regimen shift and demographic growth increase associated with the emergence of high-fitness variants of canine parvovirus. <i>Infection, Genetics and Evolution</i> , <b>2007</b> , 7, 399-409	4.5	68
202	Hepatitis E virus infection in work horses in Egypt. <i>Infection, Genetics and Evolution</i> , <b>2007</b> , 7, 368-73	4.5	71
201	Bayesian network analysis of resistance pathways against HIV-1 protease inhibitors. <i>Infection, Genetics and Evolution</i> , <b>2007</b> , 7, 382-90	4.5	25
200	HIV forensics: pitfalls and acceptable standards in the use of phylogenetic analysis as evidence in criminal investigations of HIV transmission. <i>HIV Medicine</i> , <b>2007</b> , 8, 382-7	2.7	57
199	Adult T-cell leukemia/lymphoma with a mixed CD4+ and CD8+ phenotype and indolent course. <i>Journal of Clinical Oncology</i> , <b>2007</b> , 25, 2480-2	2.2	15
198	The close relationship between South African and Latin American HTLV type 1 strains corroborated in a molecular epidemiological study of the HTLV type 1 isolates from a blood donor cohort. <i>AIDS Research and Human Retroviruses</i> , <b>2007</b> , 23, 503-7	1.6	13
197	Estimating the relative contribution of dNTP pool imbalance and APOBEC3G/3F editing to HIV evolution in vivo. <i>Journal of Computational Biology</i> , <b>2007</b> , 14, 1105-14	1.7	26
196	Recombination confounds the early evolutionary history of human immunodeficiency virus type 1: subtype G is a circulating recombinant form. <i>Journal of Virology</i> , <b>2007</b> , 81, 8543-51	6.6	75
195	Phylogenetic surveillance of viral genetic diversity and the evolving molecular epidemiology of human immunodeficiency virus type 1. <i>Journal of Virology</i> , <b>2007</b> , 81, 13050-6	6.6	72
194	Antiretroviral resistance in different HIV-1 subtypes: impact on therapy outcomes and resistance testing interpretation. <i>Current Opinion in HIV and AIDS</i> , <b>2007</b> , 2, 123-9	4.2	18
193	Impact of genetic variation of HIV-1 on drug resistance development. <i>Future Virology</i> , <b>2007</b> , 2, 303-310	2.4	
192	No response to first-line tenofovir+lamivudine+efavirenz despite optimization according to baseline resistance testing: impact of resistant minority variants on efficacy of low genetic barrier drugs. <i>Journal of Clinical Virology</i> , <b>2007</b> , 39, 43-7	14.5	35
191	Human T-lymphotropic virus 1: recent knowledge about an ancient infection. <i>Lancet Infectious Diseases, The</i> , <b>2007</b> , 7, 266-81	25.5	461
190	Limitations to contact tracing and phylogenetic analysis in establishing HIV type 1 transmission networks in Cuba. <i>AIDS Research and Human Retroviruses</i> , <b>2007</b> , 23, 347-56	1.6	32
189	Frequent HTLV-1 infection in the offspring of Peruvian women with HTLV-1-associated myelopathy/tropical spastic paraparesis or strongyloidiasis. <i>Revista Panamericana De Salud Publica/Pan American Journal of Public Health</i> , <b>2007</b> , 22, 223-30	4.1	22
188	Genetic analyses reveal structured HIV-1 populations in serially sampled T lymphocytes of patients receiving HAART. <i>Virology</i> , <b>2006</b> , 348, 35-46	3.6	26
187	Algorithms for the interpretation of HIV-1 genotypic drug resistance information. <i>Antiviral Research</i> , <b>2006</b> , 71, 335-42	10.8	45

186	A genotypic assay for the amplification and sequencing of gag and protease from diverse human immunodeficiency virus type 1 group M subtypes. <i>Journal of Virological Methods</i> , <b>2006</b> , 132, 181-6	2.6	16
185	Analysis of HIV-1 pol sequences using Bayesian Networks: implications for drug resistance. <i>Bioinformatics</i> , <b>2006</b> , 22, 2975-9	7.2	55
184	Discordances between interpretation algorithms for genotypic resistance to protease and reverse transcriptase inhibitors of human immunodeficiency virus are subtype dependent. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2006</b> , 50, 694-701	5.9	71
183	Prevalence of antiretroviral drug resistance mutations and HIV-1 non-B subtypes in newly diagnosed drug-naïve patients in Slovenia, 2000-2004. <i>Virus Research</i> , <b>2006</b> , 118, 156-63	6.4	22
182	Use of electronic monitoring induces a 40-day intervention effect in HIV patients. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , <b>2006</b> , 43, 247-8	3.1	39
181	Assessment of automated genotyping protocols as tools for surveillance of HIV-1 genetic diversity. <i>Aids</i> , <b>2006</b> , 20, 1521-9	3.5	27
180	The calculated genetic barrier for antiretroviral drug resistance substitutions is largely similar for different HIV-1 subtypes. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , <b>2006</b> , 41, 352-60	3.1	84
179	Genotypic drug resistance interpretation algorithms display high levels of discordance when applied to non-B strains from HIV-1 naïve and treated patients. <i>FEMS Immunology and Medical Microbiology</i> , <b>2006</b> , 46, 53-62		37
178	Interpreting resistance data for HIV-1 therapy management--know the limitations. <i>AIDS Reviews</i> , <b>2006</b> , 8, 37-43	1.5	17
177	Investigation of baseline susceptibility to protease inhibitors in HIV-1 subtypes C, F, G and CRF02_AG. <i>Antiviral Therapy</i> , <b>2006</b> , 11, 581-9	1.6	21
176	Investigation of Baseline Susceptibility to Protease Inhibitors in HIV-1 Subtypes C, F, G and Crf02_Ag. <i>Antiviral Therapy</i> , <b>2006</b> , 11, 581-589	1.6	41
175	An automated genotyping system for analysis of HIV-1 and other microbial sequences. <i>Bioinformatics</i> , <b>2005</b> , 21, 3797-800	7.2	416
174	Fatal brain necrosis in primary HIV infection. <i>Lancet, The</i> , <b>2005</b> , 366, 866	4.0	8
173	Full-length HIV type 1 genome analysis showing evidence for HIV type 1 transmission from a nonprogressor to two recipients who progressed to AIDS. <i>AIDS Research and Human Retroviruses</i> , <b>2005</b> , 21, 575-9	1.6	14
172	Role of viral evolutionary rate in HIV-1 disease progression in a linked cohort. <i>Retrovirology</i> , <b>2005</b> , 2, 41	3.6	18
171	Molecular testing of multiple HIV-1 transmissions in a criminal case. <i>Aids</i> , <b>2005</b> , 19, 1649-58	3.5	39
170	Mutations in both env and gag genes are required for HIV-1 resistance to the polysulfonic dendrimer SPL2923, as corroborated by chimeric virus technology. <i>Antiviral Chemistry and Chemotherapy</i> , <b>2005</b> , 16, 253-66	3.5	6
169	Protease mutation M89I/V is linked to therapy failure in patients infected with the HIV-1 non-B subtypes C, F or G. <i>Aids</i> , <b>2005</b> , 19, 1799-806	3.5	66

168	Re-analysis of 34 full-length HIV-1 intersubtype recombinant sequences. <i>Infection, Genetics and Evolution</i> , <b>2005</b> , 5, 225-9	4.5	4
167	HIV-1 genetic variants circulation in the North of Angola. <i>Infection, Genetics and Evolution</i> , <b>2005</b> , 5, 231-7	4.5	15
166	A Bayesian statistical analysis of human T-cell lymphotropic virus evolutionary rates. <i>Infection, Genetics and Evolution</i> , <b>2005</b> , 5, 291-8	4.5	30
165	Analysis of complex HIV-1 intersubtype recombinants using a Bayesian scanning method. <i>Infection, Genetics and Evolution</i> , <b>2005</b> , 5, 219-24	4.5	3
164	A genotypic resistance assay for the detection of drug resistance in the human immunodeficiency virus type 1 envelope gene. <i>Journal of Virological Methods</i> , <b>2005</b> , 123, 25-34	2.6	37
163	Optimization of a genotypic assay applicable to all human immunodeficiency virus type 1 protease and reverse transcriptase subtypes. <i>Journal of Virological Methods</i> , <b>2005</b> , 128, 47-53	2.6	20
162	Circulation of genetically distinct contemporary human coronavirus OC43 strains. <i>Virology</i> , <b>2005</b> , 337, 85-92	3.6	61
161	Different epidemic potentials of the HIV-1B and C subtypes. <i>Journal of Molecular Evolution</i> , <b>2005</b> , 60, 598-605	3.1	43
160	Impact of HIV-1 subtype and antiretroviral therapy on protease and reverse transcriptase genotype: results of a global collaboration. <i>PLoS Medicine</i> , <b>2005</b> , 2, e112	11.6	234
159	SlidingBayes: exploring recombination using a sliding window approach based on Bayesian phylogenetic inference. <i>Bioinformatics</i> , <b>2005</b> , 21, 1274-5	7.2	20
158	Genetic variability and molecular evolution of the human respiratory syncytial virus subgroup B attachment G protein. <i>Journal of Virology</i> , <b>2005</b> , 79, 9157-67	6.6	111
157	Evolutionary dynamics of human retroviruses investigated through full-genome scanning. <i>Molecular Biology and Evolution</i> , <b>2005</b> , 22, 942-51	8.3	24
156	Prevalence of drug-resistant HIV-1 variants in untreated individuals in Europe: implications for clinical management. <i>Journal of Infectious Diseases</i> , <b>2005</b> , 192, 958-66	7	356
155	Molecular footprint of drug-selective pressure in a human immunodeficiency virus transmission chain. <i>Journal of Virology</i> , <b>2005</b> , 79, 11981-9	6.6	61
154	Full-genome analysis of a highly divergent simian T-cell lymphotropic virus type 1 strain in <i>Macaca arctoides</i> . <i>Journal of General Virology</i> , <b>2005</b> , 86, 1953-1959	4.9	25
153	Complete genomic sequence of human coronavirus OC43: molecular clock analysis suggests a relatively recent zoonotic coronavirus transmission event. <i>Journal of Virology</i> , <b>2005</b> , 79, 1595-604	6.6	344
152	Exploring full-genome sequences for phylogenetic support of HIV-1 transmission events. <i>Aids</i> , <b>2005</b> , 19, 1551-2	3.5	11
151	Profile of resistance of human immunodeficiency virus to mannose-specific plant lectins. <i>Journal of Virology</i> , <b>2004</b> , 78, 10617-27	6.6	82

150	Clinical characteristics of patients in Peru with human T cell lymphotropic virus type 1-associated tropical spastic paraparesis. <i>Clinical Infectious Diseases</i> , <b>2004</b> , 39, 939-44	11.6	75
149	HIV-1 compartmentalization in diverse leukocyte populations during antiretroviral therapy. <i>Journal of Leukocyte Biology</i> , <b>2004</b> , 76, 562-70	6.5	32
148	Mapping sites of positive selection and amino acid diversification in the HIV genome: an alternative approach to vaccine design?. <i>Genetics</i> , <b>2004</b> , 167, 1047-58	4	41
147	The molecular population genetics of HIV-1 group O. <i>Genetics</i> , <b>2004</b> , 167, 1059-68	4	89
146	Rising prevalence of HIV-1 non-B subtypes in Belgium: 1983-2001. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , <b>2004</b> , 35, 279-85	3.1	44
145	Molecular evolution and circulation patterns of human respiratory syncytial virus subgroup a: positively selected sites in the attachment g glycoprotein. <i>Journal of Virology</i> , <b>2004</b> , 78, 4675-83	6.6	95
144	Identification in gelada baboons ( <i>Theropithecus gelada</i> ) of a distinct simian T-cell lymphotropic virus type 3 with a broad range of Western blot reactivity. <i>Journal of General Virology</i> , <b>2004</b> , 85, 507-519	4.9	30
143	Profile of Resistance of Human Immunodeficiency Virus to Mannose-Specific Plant Lectins. <i>Journal of Virology</i> , <b>2004</b> , 78, 12724-12724	6.6	1
142	Simian T-cell leukemia virus (STLV) infection in wild primate populations in Cameroon: evidence for dual STLV type 1 and type 3 infection in agile mangabeys ( <i>Cercocebus agilis</i> ). <i>Journal of Virology</i> , <b>2004</b> , 78, 4700-9	6.6	52
141	Prevalence and correlates of nonadherence to antiretroviral therapy in a population of HIV patients using Medication Event Monitoring System. <i>AIDS Patient Care and STDs</i> , <b>2004</b> , 18, 644-57	5.8	63
140	Analysis of the serotype and genotype correlation of VP1 and the 5'noncoding region in an epidemiological survey of the human enterovirus B species. <i>Journal of Clinical Microbiology</i> , <b>2004</b> , 42, 963-71	9.7	53
139	Performance of ViroSeq HIV-1 Genotyping System in routine practice at a Belgian clinical laboratory. <i>Journal of Virological Methods</i> , <b>2004</b> , 119, 45-9	2.6	24
138	Phylogenetic reconstruction of a known HIV-1 CRF04_cpx transmission network using maximum likelihood and Bayesian methods. <i>Journal of Molecular Evolution</i> , <b>2004</b> , 59, 709-17	3.1	24
137	Phylogenetic analysis of the full-length SARS-CoV sequences: evidence for phylogenetic discordance in three genomic regions. <i>Journal of Medical Virology</i> , <b>2004</b> , 74, 369-72	19.7	20
136	Stabilisation of emulsions using hydrophobically modified inulin (polyfructose). <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2004</b> , 250, 133-140	5.1	31
135	The low evolutionary rate of human T-cell lymphotropic virus type-1 confirmed by analysis of vertical transmission chains. <i>Molecular Biology and Evolution</i> , <b>2004</b> , 21, 603-11	8.3	46
134	Virologic therapy response significantly correlates with the number of active drugs as evaluated using a LiPA HIV-1 resistance scoring system. <i>Journal of Clinical Virology</i> , <b>2004</b> , 31 Suppl 1, S7-15	14.5	1
133	Current levels of drug resistance among therapy-naïve HIV-infected patients have significant impact on treatment response. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , <b>2004</b> , 37, 1664-8	3.1	24



132	env Chimeric Virus Technology for Evaluating Human Immunodeficiency Virus Susceptibility to Entry Inhibitors. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2003</b> , 47, 1177-1177	5.9	78
131	In vivo characteristics of human immunodeficiency virus type 1 intersubtype recombination: determination of hot spots and correlation with sequence similarity. <i>Journal of General Virology</i> , <b>2003</b> , 84, 2715-2722	4.9	56
130	Globin haplotypes of human T-cell lymphotropic virus type I-infected individuals in Salvador, Bahia, Brazil, suggest a post-Columbian African origin of this virus. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , <b>2003</b> , 33, 536-42	3.1	19
129	Analysis of the evolutionary relationships of HIV-1 and SIVcpz sequences using bayesian inference: implications for the origin of HIV-1. <i>Molecular Biology and Evolution</i> , <b>2003</b> , 20, 1986-96	8.3	23
128	HIV-1 protease and reverse transcriptase mutation patterns responsible for discordances between genotypic drug resistance interpretation algorithms. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , <b>2003</b> , 33, 8-14	3.1	76
127	Western blot seroindeterminate individuals for human T-lymphotropic virus I/II (HTLV-I/II) in Fortaleza (Brazil): a serological and molecular diagnostic and epidemiological approach. <i>Brazilian Journal of Infectious Diseases</i> , <b>2003</b> , 7, 202-9	2.8	10
126	A rapid and convenient variant of fusion-PCR to construct chimeric flaviviruses. <i>Journal of Virological Methods</i> , <b>2003</b> , 108, 67-74	2.6	15
125	Site stripping based on likelihood ratio reduction is a useful tool to evaluate the impact of non-clock-like behavior on viral phylogenetic reconstructions. <i>FEMS Immunology and Medical Microbiology</i> , <b>2003</b> , 39, 125-32		8
124	Performance of the VERSANT HIV-1 resistance assays (LiPA) for detecting drug resistance in therapy-naive patients infected with different HIV-1 subtypes. <i>FEMS Immunology and Medical Microbiology</i> , <b>2003</b> , 39, 119-24		8
123	Tracing the origin and history of the HIV-2 epidemic. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 6588-92	11.5	254
122	Seroprevalence and risk factors for human T-cell lymphotropic virus (HTLV-I) infection among ethnically and geographically diverse Peruvian women. <i>International Journal of Infectious Diseases</i> , <b>2003</b> , 7, 132-7	10.5	46
121	Tenofovir resistance and resensitization. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2003</b> , 47, 3478-84	5.9	63
120	Mosaic genomes of the six major primate lentivirus lineages revealed by phylogenetic analyses. <i>Journal of Virology</i> , <b>2003</b> , 77, 7202-13	6.6	34
119	U.S. Human immunodeficiency virus type 1 epidemic: date of origin, population history, and characterization of early strains. <i>Journal of Virology</i> , <b>2003</b> , 77, 6359-66	6.6	100
118	Brazilian HTLV type 2a strains from intravenous drug users (IDUs) appear to have originated from two sources: Brazilian Amerindians and European/North American IDUs. <i>AIDS Research and Human Retroviruses</i> , <b>2003</b> , 19, 519-23	1.6	27
117	High prevalence of CRF02_AG and many minor resistance-related mutations at the protease gene among HIV-infected treatment-naive immigrants in Madrid. <i>Aids</i> , <b>2003</b> , 17, 1105-7	3.5	7
116	Hepatitis C virus evolutionary patterns studied through analysis of full-genome sequences. <i>Journal of Molecular Evolution</i> , <b>2002</b> , 54, 62-70	3.1	61
115	Complete genome sequence, taxonomic assignment, and comparative analysis of the untranslated regions of the Modoc virus, a flavivirus with no known vector. <i>Virology</i> , <b>2002</b> , 293, 125-40	3.6	43

114	Comparison of CREB- and NF-kappaB-mediated transactivation by human T lymphotropic virus type II (HTLV-II) and type I (HTLV-I) tax proteins. <i>Virology</i> , <b>2002</b> , 295, 182-9	3.6	21
113	Comparative rates of nucleotide sequence variation in the hypervariable region of E1/E2 and the NS5b region of hepatitis C virus in patients with a spectrum of liver disease resulting from a common source of infection. <i>Virology</i> , <b>2002</b> , 301, 354-64	3.6	19
112	Lack of evidence for infection with simian immunodeficiency virus in bonobos. <i>AIDS Research and Human Retroviruses</i> , <b>2002</b> , 18, 213-6	1.6	8
111	A synthetic HIV-1 Rev inhibitor interfering with the CRM1-mediated nuclear export. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 14440-5	11.5	103
110	Initiation of HAART in drug-naive HIV type 1 patients prevents viral breakthrough for a median period of 35.5 months in 60% of the patients. <i>AIDS Research and Human Retroviruses</i> , <b>2002</b> , 18, 419-26	1.6	20
109	Characterization of a novel simian immunodeficiency virus with a vpu gene from greater spot-nosed monkeys ( <i>Cercopithecus nictitans</i> ) provides new insights into simian/human immunodeficiency virus phylogeny. <i>Journal of Virology</i> , <b>2002</b> , 76, 8298-309	6.6	112
108	Nonadherence to highly active antiretroviral therapy: clinically relevant patient categorization based on electronic event monitoring. <i>AIDS Research and Human Retroviruses</i> , <b>2002</b> , 18, 327-30	1.6	22
107	env chimeric virus technology for evaluating human immunodeficiency virus susceptibility to entry inhibitors. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2002</b> , 46, 3954-62	5.9	36
106	A combination of poor adherence and a low baseline susceptibility score is highly predictive for HAART failure. <i>Antiviral Chemistry and Chemotherapy</i> , <b>2002</b> , 13, 231-40	3.5	16
105	Reanalysis of the HIV-1 Circulating Recombinant Form A/E (CRF01_AE): Evidence of A/E/G Recombination. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , <b>2002</b> , 30, 124-129	3.1	
104	Human retroviruses (HIV and HTLV) in Brazilian Indians: seroepidemiological study and molecular epidemiology of HTLV type 2 isolates. <i>AIDS Research and Human Retroviruses</i> , <b>2002</b> , 18, 71-7	1.6	44
103	Phylogenetic classification of TT virus groups based on the N22 region is unreliable. <i>Virus Research</i> , <b>2002</b> , 85, 47-59	6.4	14
102	Prevalence and origin of HIV-1 group M subtypes among patients attending a Belgian hospital in 1999. <i>Virus Research</i> , <b>2002</b> , 85, 95-107	6.4	33
101	Complete genome sequence of Montana Myotis leukoencephalitis virus, phylogenetic analysis and comparative study of the 3' untranslated region of flaviviruses with no known vector. <i>Journal of General Virology</i> , <b>2002</b> , 83, 1875-1885	4.9	33
100	A genotypic drug resistance interpretation algorithm that significantly predicts therapy response in HIV-1-infected patients. <i>Antiviral Therapy</i> , <b>2002</b> , 7, 123-9	1.6	38
99	A Genotypic Drug Resistance Interpretation Algorithm that Significantly Predicts Therapy Response in HIV-1-Infected Patients. <i>Antiviral Therapy</i> , <b>2002</b> , 7, 123-129	1.6	83
98	A Rapid Phenotypic Assay for Detecting Multiple Nucleoside Analogue Reverse Transcriptase Inhibitor-Resistant HIV-1 in Plasma. <i>Antiviral Therapy</i> , <b>2002</b> , 7, 131-139	1.6	3
97	Evaluation of two commercial kits for the detection of genotypic drug resistance on a panel of HIV type 1 subtypes A through J. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , <b>2001</b> , 28, 254-8	3.1	36

96	Increasing Prevalence of Non-clade B HIV-1 Strains in Heterosexual Men and Women, as Monitored by Analysis of Reverse Transcriptase and Protease Sequences. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , <b>2001</b> , 27, 499-505	3.1	41
95	Site-directed mutagenesis of human immunodeficiency virus type 1 reverse transcriptase at amino acid position 138. <i>Virology</i> , <b>2001</b> , 280, 97-106	3.6	21
94	A quantitative GFP-based bioassay for the detection of HIV-1 Tat transactivation inhibitors. <i>Journal of Virological Methods</i> , <b>2001</b> , 96, 183-8	2.6	26
93	Dating the common ancestor of SIVcpz and HIV-1 group M and the origin of HIV-1 subtypes using a new method to uncover clock-like molecular evolution. <i>FASEB Journal</i> , <b>2001</b> , 15, 276-8	0.9	90
92	Clinical and laboratory guidelines for the use of HIV-1 drug resistance testing as part of treatment management: recommendations for the European setting. The EuroGuidelines Group for HIV resistance. <i>Aids</i> , <b>2001</b> , 15, 309-20	3.5	141
91	Increasing prevalence of non-clade B HIV-1 strains in heterosexual men and women, as monitored by analysis of reverse transcriptase and protease sequences. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , <b>2001</b> , 27, 499-505	3.1	66
90	Evidence for a second simian T-cell lymphotropic virus type 3 in <i>Cercopithecus nictitans</i> from Cameroon. <i>Journal of Virology</i> , <b>2001</b> , 75, 11939-41	6.6	26
89	Mutations in the non-nucleoside binding-pocket interfere with the multi-nucleoside resistance phenotype. <i>Aids</i> , <b>2001</b> , 15, 553-61	3.5	15
88	Evaluation of Two Commercial Kits for the Detection of Genotypic Drug Resistance on a Panel of HIV Type 1 Subtypes A Through J. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , <b>2001</b> , 28, 254-258	3.1	1
87	Simple algorithm derived from a geno-/phenotypic database to predict HIV-1 protease inhibitor resistance. <i>Aids</i> , <b>2000</b> , 14, 1731-8	3.5	40
86	Blinded, multicenter quality control study for the quantification of human immunodeficiency virus type 1 RNA in plasma by the Belgian AIDS reference laboratories. <i>Clinical Microbiology and Infection</i> , <b>2000</b> , 6, 213-7	9.5	18
85	Origins of HTLV-1 in South America. <i>Nature Medicine</i> , <b>2000</b> , 6, 232-3	50.5	12
84	Isolation, cloning, and complete nucleotide sequence of a phenotypically distinct Brazilian isolate of human T-lymphotropic virus type II (HTLV-II). <i>Virology</i> , <b>2000</b> , 271, 142-54	3.6	38
83	Prevalence and characteristics of multinucleoside-resistant human immunodeficiency virus type 1 among European patients receiving combinations of nucleoside analogues. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2000</b> , 44, 2109-17	5.9	91
82	Baseline HIV type 1 genotypic resistance to a newly added nucleoside analog is predictive of virologic failure of the new therapy. <i>AIDS Research and Human Retroviruses</i> , <b>2000</b> , 16, 529-37	1.6	14
81	Presence of 2P5PBis-O-(tert-butylidimethylsilyl)-3Pspiro-5''-(4''-amino-1'',2''-oxathiole-2'',2''-dioxide) (TSAO)-resistant virus strains in TSAO-inexperienced HIV patients. <i>AIDS Research and Human Retroviruses</i> , <b>2000</b> , 16, 825-33	1.6	7
80	Evolutionary rate and genetic drift of hepatitis C virus are not correlated with the host immune response: studies of infected donor-recipient clusters. <i>Journal of Virology</i> , <b>2000</b> , 74, 2541-9	6.6	49
79	Evolutionary strategies of human T-cell lymphotropic virus type II. <i>Gene</i> , <b>2000</b> , 261, 171-80	3.8	30

78	Evaluating Clinical Isolates for Their Phenotypic and Genotypic Resistance Against Anti-HIV Drugs. <i>Methods in Molecular Medicine</i> , <b>2000</b> , 24, 223-58		22
77	Patient HIV-1 strains carrying the multiple nucleoside resistance mutations are cross-resistant to abacavir. <i>Aids</i> , <b>2000</b> , 14, 469-71	3.5	23
76	Human immunodeficiency virus gene regulation as a target for antiviral chemotherapy. <i>Antiviral Chemistry and Chemotherapy</i> , <b>1999</b> , 10, 1-14	3.5	26
75	Full-length genomic sequence of an HIV type 1 subtype G from Kinshasa. <i>AIDS Research and Human Retroviruses</i> , <b>1999</b> , 15, 585-9	1.6	6
74	Long-term stability of human immunodeficiency virus viral load and infectivity in whole blood. <i>European Journal of Clinical Investigation</i> , <b>1999</b> , 29, 445-52	4.6	12
73	The discovery of two new divergent STLVs has implications for the evolution and epidemiology of HTLVs. <i>Reviews in Medical Virology</i> , <b>1999</b> , 9, 155-70	11.7	27
72	Rapid, phenotypic HIV-1 drug sensitivity assay for protease and reverse transcriptase inhibitors. <i>Journal of Clinical Virology</i> , <b>1999</b> , 13, 71-80	14.5	77
71	The origin and evolution of human T-cell lymphotropic virus type II (HTLV-II) and the relationship with its replication strategy. <i>Gene</i> , <b>1999</b> , 234, 11-21	3.8	36
70	Managing resistance to anti-HIV drugs: an important consideration for effective disease management. <i>Drugs</i> , <b>1999</b> , 57, 337-61	12.1	77
69	Activity of non-nucleoside reverse transcriptase inhibitors against HIV-2 and SIV. <i>Aids</i> , <b>1999</b> , 13, 1477-83	3.5	70
68	Different population dynamics of human T cell lymphotropic virus type II in intravenous drug users compared with endemically infected tribes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1999</b> , 96, 13253-8	11.5	70
67	The simian T-lymphotropic virus STLV-PP1664 from Pan paniscus is distinctly related to HTLV-2 but differs in genomic organization. <i>Virology</i> , <b>1998</b> , 243, 366-79	3.6	33
66	Two new human T-lymphotropic virus type I phylogenetic subtypes in seroindeterminates, a Mbuti pygmy and a Gabonese, have closest relatives among African STLV-I strains. <i>Virology</i> , <b>1998</b> , 246, 277-87	3.6	70
65	Diagnosis of human immunodeficiency virus infection by a polymerase chain reaction assay evaluated in patients harbouring strains of diverse geographical origin. <i>Journal of Virological Methods</i> , <b>1998</b> , 70, 153-66	2.6	7
64	Comparison of the LiPA HIV-1 RT test, selective PCR and direct solid phase sequencing for the detection of HIV-1 drug resistance mutations. <i>Journal of Virological Methods</i> , <b>1998</b> , 73, 77-82	2.6	30
63	Evolutionary rate and genetic heterogeneity of human T-cell lymphotropic virus type II (HTLV-II) using isolates from European injecting drug users. <i>Journal of Molecular Evolution</i> , <b>1998</b> , 46, 602-11	3.1	40
62	The simian origins of the pathogenic human T-cell lymphotropic virus type I. <i>Trends in Microbiology</i> , <b>1998</b> , 6, 477-83	12.4	88
61	Sequence analysis of the first HTLV-I infection in Germany without relations to endemic areas. <i>AIDS Research and Human Retroviruses</i> , <b>1998</b> , 14, 1199-203	1.6	15

60	Failure to quantify viral load with two of the three commercial methods in a pregnant woman harboring an HIV type 1 subtype G strain. <i>AIDS Research and Human Retroviruses</i> , <b>1998</b> , 14, 453-9	1.6	59
59	Stereospecificity of 6PC-neplanocin A analogues as inhibitors of S-adenosylhomocysteine hydrolase activity and human immunodeficiency virus replication. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , <b>1998</b> , 17, 479-86	1.4	1
58	Multiple dideoxynucleoside analogue-resistant (MddNR) HIV-1 strains isolated from patients from different European countries. <i>Aids</i> , <b>1998</b> , 12, 2007-15	3.5	69
57	African origin of human T-lymphotropic virus type 2 (HTLV-2) supported by a potential new HTLV-2d subtype in Congolese Bambuti Efe Pygmies. <i>Journal of Virology</i> , <b>1998</b> , 72, 4327-40	6.6	67
56	Evolution of HIV drug Resistance in Zidovudine/Zalcitabine- and Zidovudine/ Didanosine-Experienced Patients Receiving Lamivudine-Containing Combination Therapy. <i>Antiviral Therapy</i> , <b>1998</b> , 3, 81-88	1.6	8
55	Simian T cell leukemia virus type I from naturally infected feral monkeys from central and west Africa encodes a 91-amino acid p12 (ORF-I) protein as opposed to a 99-amino acid protein encoded by HTLV type I from humans. <i>AIDS Research and Human Retroviruses</i> , <b>1997</b> , 13, 425-32	1.6	9
54	Phylogenetic analysis of a simian T lymphotropic virus type I from a hamadryas baboon. <i>AIDS Research and Human Retroviruses</i> , <b>1997</b> , 13, 1545-8	1.6	10
53	Sequence analysis of two HTLV type I infections imported to Germany. <i>AIDS Research and Human Retroviruses</i> , <b>1997</b> , 13, 1255-8	1.6	10
52	Cell type-dependent effect of sodium valproate on human immunodeficiency virus type 1 replication in vitro. <i>AIDS Research and Human Retroviruses</i> , <b>1997</b> , 13, 187-92	1.6	44
51	Development of resistance of human immunodeficiency virus type 1 to dextran sulfate associated with the emergence of specific mutations in the envelope gp120 glycoprotein. <i>Molecular Pharmacology</i> , <b>1997</b> , 52, 98-104	4.3	69
50	S-adenosylhomocysteine hydrolase inhibitors interfere with the replication of human immunodeficiency virus type 1 through inhibition of the LTR transactivation. <i>Molecular Pharmacology</i> , <b>1997</b> , 52, 1157-63	4.3	24
49	Use of a generic polymerase chain reaction assay detecting human T-lymphotropic virus (HTLV) types I, II and divergent simian strains in the evaluation of individuals with indeterminate HTLV serology <b>1997</b> , 52, 1-7		59
48	BaEV is a relic from an ancient retrovirus that crossed species barriers. <i>Trends in Microbiology</i> , <b>1996</b> , 4, 478	12.4	1
47	Resistance-related mutations in the HIV-1 protease gene of patients treated for 1 year with the protease inhibitor ritonavir (ABT-538). <i>Aids</i> , <b>1996</b> , 10, 995-9	3.5	86
46	Efficacy of triple combination therapy with zidovudine (ZDV) plus zalcitabine (ddC) plus lamivudine (3TC) versus double (ZDV+3TC) combination therapy in patients previously treated with ZDV+ddC. <i>Aids</i> , <b>1996</b> , 10, F61-6	3.5	17
45	Antiviral activity of the bicyclam derivative JM3100 against drug-resistant strains of human immunodeficiency virus type 1. <i>Antiviral Research</i> , <b>1996</b> , 29, 297-307	10.8	37
44	The three human T-lymphotropic virus type I subtypes arose from three geographically distinct simian reservoirs. <i>Journal of General Virology</i> , <b>1996</b> , 77 ( Pt 2 ), 359-68	4.9	68
43	The genomic structure of a new simian T-lymphotropic virus, STLV-PH969, differs from that of human T-lymphotropic virus types I and II. <i>Journal of General Virology</i> , <b>1996</b> , 77 ( Pt 2 ), 347-58	4.9	35

42	The presence of a divergent T-lymphotropic virus in a wild-caught pygmy chimpanzee ( <i>Pan paniscus</i> ) supports an African origin for the human T-lymphotropic/simian T-lymphotropic group of viruses. <i>Journal of General Virology</i> , <b>1996</b> , 77 ( Pt 5), 1089-99	4.9	57
41	Complete nucleotide sequence of the Italian human T-cell lymphotropic virus type II isolate Gu and phylogenetic identification of a possible origin of South European epidemics. <i>Journal of General Virology</i> , <b>1996</b> , 77 ( Pt 6), 1193-201	4.9	29
40	Questions on the evolution of primate T-lymphotropic viruses raised by molecular and epidemiological studies of divergent strains. <i>Journal of Acquired Immune Deficiency Syndromes</i> , <b>1996</b> , 13 Suppl 1, S242-7		11
39	Proviral HTLV-I and HTLV-II in the Efe pygmies of northeastern Zaire. <i>Journal of Acquired Immune Deficiency Syndromes</i> , <b>1996</b> , 12, 208-9		9
38	Quantification of HIV-1 RNA in plasma: comparable results with the NASBA HIV-1 RNA QT and the AMPLICOR HIV monitor test. <i>Journal of Acquired Immune Deficiency Syndromes</i> , <b>1996</b> , 13, 127-39		63
37	Standardisation of primers and an algorithm for HIV-1 diagnostic PCR evaluated in patients harbouring strains of diverse geographical origin. The Belgian AIDS Reference Laboratories. <i>Journal of Virological Methods</i> , <b>1995</b> , 51, 305-16	2.6	67
36	Detection of HIV-1 RNA in plasma and serum samples using the NASBA amplification system compared to RNA-PCR. <i>Journal of Virological Methods</i> , <b>1995</b> , 52, 121-32	2.6	58
35	HTLV-negative and HTLV type I-positive tropical spastic paraparesis in northeastern Brazil. <i>AIDS Research and Human Retroviruses</i> , <b>1995</b> , 11, 315-8	1.6	14
34	Inhibition of HIV type 1 Tat-mediated trans-activation by oncostatin M in HLtat cells. <i>AIDS Research and Human Retroviruses</i> , <b>1995</b> , 11, 1355-8	1.6	8
33	Characterization of HIV-1 strains isolated from patients treated with TIBO R82913. <i>AIDS Research and Human Retroviruses</i> , <b>1994</b> , 10, 39-46	1.6	44
32	Familial transmission and minimal sequence variability of human T-lymphotropic virus type I (HTLV-I) in Zaire. <i>AIDS Research and Human Retroviruses</i> , <b>1994</b> , 10, 1135-42	1.6	42
31	Primate T-lymphotropic virus type I LTR sequence variation and its phylogenetic analysis: compatibility with an African origin of PTLV-I. <i>Virology</i> , <b>1994</b> , 202, 212-23	3.6	83
30	New retroviruses in human and simian T-lymphotropic viruses. <i>Lancet, The</i> , <b>1994</b> , 344, 265-6	4.0	43
29	A primate T-lymphotropic virus, PTLV-L, different from human T-lymphotropic viruses types I and II, in a wild-caught baboon ( <i>Papio hamadryas</i> ). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1994</b> , 91, 2848-52	11.5	91
28	HTLV-II seroprevalence in pygmies across Africa since 1970. <i>AIDS Research and Human Retroviruses</i> , <b>1993</b> , 9, 709-13	1.6	77
27	Potent and highly selective human immunodeficiency virus type 1 (HIV-1) inhibition by a series of alpha-anilino-phenylacetamide derivatives targeted at HIV-1 reverse transcriptase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1993</b> , 90, 1711-5	11.5	184
26	Human immunodeficiency virus type 1 (HIV-1) strains selected for resistance against the HIV-1-specific [2P5Pbis-O-(tert-butyl-dimethylsilyl)-3Pspiro-5P(4Pamino-1P2Poxathiole-2P2Pdioxide)]-beta-D-pentofurano syl (TSAO) nucleoside analogues	11.5	80
25	retain sensitivity to HIV-1-specific nucleoside inhibitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1993</b> , 90, 1711-5 HIV-1-specific reverse transcriptase inhibitors show differential activity against HIV-1 mutant strains containing different amino acid substitutions in the reverse transcriptase. <i>Virology</i> , <b>1993</b> , 192, 246-53	3.6	152

24	2,2,5-PBis-O-(tert-butyl-dimethylsilyl)-3,3'-spiro-5',5''-(4',4''-amino-1,2,2'-oxathiole-2,2'-dioxide)pyrimidine (TSAO) nucleoside analogues: highly selective inhibitors of human immunodeficiency virus type 1 that are targeted at the viral reverse transcriptase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1992</b> , 89, 4392-6	11.5	153
23	Resistance of human immunodeficiency virus type 1 reverse transcriptase to TIBO derivatives induced by site-directed mutagenesis. <i>Virology</i> , <b>1992</b> , 188, 900-4	3.6	51
22	Characterization of a recombinant chimeric plasminogen activator composed of a fibrin fragment-D-dimer-specific humanized monoclonal antibody and a truncated single-chain urokinase. <i>FEBS Journal</i> , <b>1992</b> , 205, 139-46		8
21	Construction and characterization of a functional chimeric murine-human antibody directed against human fibrin fragment-D dimer. <i>FEBS Journal</i> , <b>1991</b> , 195, 235-42		11
20	Construction and characterization of a recombinant murine monoclonal antibody directed against human fibrin fragment-D dimer. <i>FEBS Journal</i> , <b>1990</b> , 192, 767-75		10
19	Selecting models of evolution 345-361		13
18	Assessing substitution saturation with DAMBE 615-630		237
17	Basic concepts of molecular evolution 3-30		11
16	Genetic distances and nucleotide substitution models 111-141		10
15	Phylogenetic inference based on distance methods 142-180		8
14	Phylogenetic inference using maximum likelihood methods 181-209		17
13	Bayesian phylogenetic analysis using MRBAYES 210-266		45
12	Bayesian evolutionary analysis by sampling trees 564-591		10
11	Natural selection and adaptation of molecular sequences 407-418		5
10	Sequence databases and database searching 33-67		1
9	Testing tree topologies 381-404		17
8	LAMARC: Estimating population genetic parameters from molecular data 592-612		3
7	Phylogenetic analysis using protein sequences 313-342		5

6	Introduction to recombination detection493-518	9
5	Detecting and characterizing individual recombination events519-548	3
4	The coalescent: population genetic inference using genealogies551-563	1
3	Split networks. A tool for exploring complex evolutionary relationships in molecular data631-653	7
2	Molecular clock analysis362-380	5
1	Comparison of two individual-based model simulators for HIV epidemiology in a population with HSV-2 using as case study YaoundeCameroon, 1980-2005	1