

Leontios G Kostrikis

List of Publications by Year in descending order

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89
papers

7,160
citations

87723

38
h-index

56606

83
g-index

90
all docs

90
docs citations

90
times ranked

6936
citing authors

#	ARTICLE	IF	CITATIONS
1	Dramatic Rise in Plasma Viremia after CD8+ T Cell Depletion in Simian Immunodeficiency Virus-infected Macaques. <i>Journal of Experimental Medicine</i> , 1999, 189, 991-998.	4.2	1,311
2	A chemokine receptor CCR2 allele delays HIV-1 disease progression and is associated with a CCR5 promoter mutation. <i>Nature Medicine</i> , 1998, 4, 350-353.	15.2	415
3	Persistence of episomal HIV-1 infection intermediates in patients on highly active anti-retroviral therapy. <i>Nature Medicine</i> , 2000, 6, 76-81.	15.2	401
4	Measuring Recent Thymic Emigrants in Blood of Normal and HIV-1-Infected Individuals before and after Effective Therapy. <i>Journal of Experimental Medicine</i> , 1999, 190, 725-732.	4.2	328
5	MOLECULAR BEACONS: Spectral Genotyping of Human Alleles. <i>Science</i> , 1998, 279, 1228-1229.	6.0	316
6	Effects of CCR5-Δ32, CCR2-64I, and SDF-1 3A Alleles on HIV-1 Disease Progression: An International Meta-Analysis of Individual-Patient Data. <i>Annals of Internal Medicine</i> , 2001, 135, 782.	2.0	270
7	Global and regional molecular epidemiology of HIV-1, 1990-2015: a systematic review, global survey, and trend analysis. <i>Lancet Infectious Diseases</i> , The, 2019, 19, 143-155.	4.6	255
8	Use of Real-Time PCR and Molecular Beacons To Detect Virus Replication in Human Immunodeficiency Virus Type 1-Infected Individuals on Prolonged Effective Antiretroviral Therapy. <i>Journal of Virology</i> , 1999, 73, 6099-6103.	1.5	222
9	Transmission of Drug-Resistant HIV-1 Is Stabilizing in Europe. <i>Journal of Infectious Diseases</i> , 2009, 200, 1503-1508.	1.9	213
10	Hepatitis C Virus Infection Epidemiology among People Who Inject Drugs in Europe: A Systematic Review of Data for Scaling Up Treatment and Prevention. <i>PLoS ONE</i> , 2014, 9, e103345.	1.1	184
11	Cervical Cancer Screening Programs in Europe: The Transition Towards HPV Vaccination and Population-Based HPV Testing. <i>Viruses</i> , 2018, 10, 729.	1.5	161
12	Genetic analysis of human immunodeficiency virus type 1 strains from patients in Cyprus: identification of a new subtype designated subtype I. <i>Journal of Virology</i> , 1995, 69, 6122-6130.	1.5	155
13	Effects of in Vivo Cd8+ T Cell Depletion on Virus Replication in Rhesus Macaques Immunized with a Live, Attenuated Simian Immunodeficiency Virus Vaccine. <i>Journal of Experimental Medicine</i> , 2000, 191, 1921-1932.	4.2	147
14	Use of Coreceptors Other Than CCR5 by Non-Syncytium-Inducing Adult and Pediatric Isolates of Human Immunodeficiency Virus Type 1 Is Rare In Vitro. <i>Journal of Virology</i> , 1998, 72, 9337-9344.	1.5	142
15	Persistent HIV-1 infection of natural killer cells in patients receiving highly active antiretroviral therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 7015-7020.	3.3	139
16	Transmission of HIV Drug Resistance and the Predicted Effect on Current First-line Regimens in Europe. <i>Clinical Infectious Diseases</i> , 2016, 62, 655-663.	2.9	135
17	HIV-1 subtype distribution and its demographic determinants in newly diagnosed patients in Europe suggest highly compartmentalized epidemics. <i>Retrovirology</i> , 2013, 10, 7.	0.9	129
18	Restrictions for reimbursement of interferon-free direct-acting antiviral drugs for HCV infection in Europe. <i>The Lancet Gastroenterology and Hepatology</i> , 2018, 3, 125-133.	3.7	128

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19	A Polymorphism in the Regulatory Region of the CC-Chemokine Receptor 5 Gene Influences Perinatal Transmission of Human Immunodeficiency Virus Type 1 to African-American Infants. <i>Journal of Virology</i> , 1999, 73, 10264-10271.	1.5	123
20	Emergence of Minor Populations of Human Immunodeficiency Virus Type 1 Carrying the M184V and L90M Mutations in Subjects Undergoing Structured Treatment Interruptions. <i>Journal of Infectious Diseases</i> , 2003, 188, 1433-1443.	1.9	121
21	Effect of recent thymic emigrants on progression of HIV-1 disease. <i>Lancet, The</i> , 2000, 355, 599-604.	6.3	94
22	An Isolate of Human Immunodeficiency Virus Type 1 Originally Classified as Subtype I Represents a Complex Mosaic Comprising Three Different Group M Subtypes (A, G, and I). <i>Journal of Virology</i> , 1998, 72, 10234-10241.	1.5	90
23	Quantitation of Human Immunodeficiency Virus Type 1 DNA Forms with the Second Template Switch in Peripheral Blood Cells Predicts Disease Progression Independently of Plasma RNA Load. <i>Journal of Virology</i> , 2002, 76, 10099-10108.	1.5	84
24	Evidence of Two Distinct Subsubtypes within the HIV-1 Subtype A Radiation. <i>AIDS Research and Human Retroviruses</i> , 2001, 17, 675-688.	0.5	82
25	HIV-Specific Cytotoxic T Lymphocytes, HLA-A11, and Chemokine-Related Factors May Act Synergistically to Determine HIV Resistance in CCR5 Δ32-Negative Female Sex Workers in Chiang Rai, Northern Thailand. <i>AIDS Research and Human Retroviruses</i> , 2001, 17, 719-734.	0.5	77
26	Global distribution of the CCR2-64I/CCR5-59653T HIV-1 disease-protective haplotype. <i>Aids</i> , 2000, 14, 483-489.	1.0	65
27	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> , 2015, 211, 1735-1744.	1.9	62
28	Primary resistance to integrase strand-transfer inhibitors in Europe: Table 1.. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 2885-2888.	1.3	61
29	Targeting Pattern Recognition Receptors (PRR) for Vaccine Adjuvantation: From Synthetic PRR Agonists to the Potential of Defective Interfering Particles of Viruses. <i>Viruses</i> , 2017, 9, 186.	1.5	61
30	Molecular beacon-based real-time PCR detection of primary isolates of <i>Salmonella</i> Typhimurium and <i>Salmonella</i> Enteritidis in environmental and clinical samples. <i>BMC Microbiology</i> , 2009, 9, 97.	1.3	60
31	The global spread of HIV-1 subtype B epidemic. <i>Infection, Genetics and Evolution</i> , 2016, 46, 169-179.	1.0	60
32	Limited cross-border infections in patients newly diagnosed with HIV in Europe. <i>Retrovirology</i> , 2013, 10, 36.	0.9	52
33	Global and regional epidemiology of HIV-1 recombinants in 1990–2015: a systematic review and global survey. <i>Lancet HIV</i> , 2020, 7, e772-e781.	2.1	51
34	Emergence of drug-resistant HIV-1 variants in patients undergoing structured treatment interruptions. <i>Aids</i> , 2002, 16, 2342-2344.	1.0	47
35	CCR5 Promoter Polymorphisms in a Kenyan Perinatal Human Immunodeficiency Virus Type 1 Cohort: Association with Increased 2-Year Maternal Mortality. <i>Journal of Infectious Diseases</i> , 2001, 184, 89-92.	1.9	45
36	Cellular HIV-1 DNA load predicts HIV-RNA rebound and the outcome of highly active antiretroviral therapy. <i>Aids</i> , 2004, 18, 2261-2267.	1.0	44

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37	Increase in transmitted resistance to non-nucleoside reverse transcriptase inhibitors among newly diagnosed HIV-1 infections in Europe. <i>BMC Infectious Diseases</i> , 2014, 14, 407.	1.3	43
38	CXCR4 Mediates Entry and Productive Infection of Syncytia-Inducing (X4) HIV-1 Strains in Primary Macrophages. <i>Virology</i> , 2000, 269, 294-304.	1.1	42
39	Ultraviolet Absorbance and Circular Dichroism of Pf1 Virus: Nucleotide/Subunit Ratio of Unity, Hyperchromic Tyrosines and DNA bases, and High Helicity in the Subunits. <i>Biochemistry</i> , 1994, 33, 1694-1703.	1.2	38
40	Trends and Predictors of Transmitted Drug Resistance (TDR) and Clusters with TDR in a Local Belgian HIV-1 Epidemic. <i>PLoS ONE</i> , 2014, 9, e101738.	1.1	36
41	Patterns of Transmitted HIV Drug Resistance in Europe Vary by Risk Group. <i>PLoS ONE</i> , 2014, 9, e94495.	1.1	32
42	HIV-1 Integrase: From Biology to Chemotherapeutics. <i>Current HIV Research</i> , 2007, 5, 365-388.	0.2	31
43	The Impact of Human Allelic Variation on HIV-1 Disease. <i>Current HIV Research</i> , 2003, 1, 185-203.	0.2	30
44	Use of molecular beacons and multi-allelic real-time PCR for detection of and discrimination between virulent <i>Bacillus anthracis</i> and other <i>Bacillus</i> isolates. <i>Journal of Microbiological Methods</i> , 2009, 78, 45-53.	0.7	30
45	Development of a molecular-beacon-based multi-allelic real-time RT-PCR assay for the detection of human coronavirus causing severe acute respiratory syndrome (SARS-CoV): a general methodology for detecting rapidly mutating viruses. <i>Archives of Virology</i> , 2011, 156, 671-680.	0.9	30
46	Molecular epidemiology of hepatitis C infection in cyprus: Evidence of polyphyletic infection. <i>Journal of Medical Virology</i> , 2009, 81, 238-248.	2.5	28
47	Implications of HIV-1 M Group Polymorphisms on Integrase Inhibitor Efficacy and Resistance: Genetic and Structural <i>in Silico</i> Analyses. <i>Biochemistry</i> , 2009, 48, 4-6.	1.2	27
48	Hepatitis C infection among intravenous drug users attending therapy programs in Cyprus. <i>Journal of Medical Virology</i> , 2010, 82, 263-270.	2.5	26
49	Genetic Analysis of Human Immunodeficiency Virus Type 1 Strains in Kenya: A Comparison Using Phylogenetic Analysis and a Combinatorial Melting Assay. <i>AIDS Research and Human Retroviruses</i> , 1999, 15, 329-335.	0.5	25
50	Genetic Analysis of HIV Type 1 Strains from Newly Infected Untreated Patients in Cyprus: High Genetic Diversity and Low Prevalence of Drug Resistance. <i>AIDS Research and Human Retroviruses</i> , 2009, 25, 23-35.	0.5	25
51	HIV-1 Infection in Cyprus, the Eastern Mediterranean European Frontier: A Densely Sampled Transmission Dynamics Analysis from 1986 to 2012. <i>Scientific Reports</i> , 2018, 8, 1702.	1.6	24
52	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> , 2012, 9, 81.	0.9	23
53	Extensive Testing and Public Health Interventions for the Control of COVID-19 in the Republic of Cyprus between March and May 2020. <i>Journal of Clinical Medicine</i> , 2020, 9, 3598.	1.0	20
54	Recent thymic emigrants and prognosis in T- and B-cell childhood hematopoietic malignancies. <i>International Journal of Cancer</i> , 2002, 101, 74-77.	2.3	19

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55	Short Communication: Molecular Epidemiology of HIV Type 1 Infection in Northern Greece (2009–2010): Evidence of a Transmission Cluster of HIV Type 1 Subtype A1 Drug-Resistant Strains Among Men Who Have Sex with Men. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, 225-232.	0.5	19
56	Near-Full Genome Characterisation of Two Natural Intergenotypic 2k/1b Recombinant Hepatitis C Virus Isolates. <i>Advances in Virology</i> , 2011, 2011, 1-7.	0.5	17
57	Low Frequency of CCR5 Δ 32 Allele among Greeks in Cyprus. <i>AIDS Research and Human Retroviruses</i> , 1997, 13, 1373-1374.	0.5	16
58	Near Full-Length Genetic Analysis of HIV Sequences Derived from Cyprus: Evidence of a Highly Polyphyletic and Evolving Infection. <i>AIDS Research and Human Retroviruses</i> , 2009, 25, 727-740.	0.5	16
59	Molecular Characterization of HIV Type 1 Strains from Newly Diagnosed Patients in Cyprus (2007–2009) Recovers Multiple Clades Including Unique Recombinant Strains and Lack of Transmitted Drug Resistance. <i>AIDS Research and Human Retroviruses</i> , 2011, 27, 1183-1199.	0.5	16
60	Short Communication: Determining Neutralization Serotypes of HIV Type 1 by Neural Networks. <i>AIDS Research and Human Retroviruses</i> , 1996, 12, 1667-1669.	0.5	15
61	Genotyping HIV-1 and HCV Strains by a Combinatorial DNA Melting Assay (COMA). <i>Molecular Medicine</i> , 1998, 4, 443-453.	1.9	15
62	Analysis of binding parameters of HIV-1 integrase inhibitors: Correlates of drug inhibition and resistance. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 4806-4818.	1.4	15
63	Methodologies of Primary HPV Testing Currently Applied for Cervical Cancer Screening. <i>Life</i> , 2020, 10, 290.	1.1	15
64	Global Genetic Variation of HIV-1 Infection. <i>Current HIV Research</i> , 2006, 4, 365-373.	0.2	14
65	Impact of natural chemokine receptor polymorphisms on perinatal transmission of human immunodeficiency virus type 1. <i>AIDS</i> , 2000, 14, 387-390.		13
66	T cell receptor excision circles and HIV-1 2-LTR episomal DNA to predict AIDS in patients not receiving effective therapy. <i>Aids</i> , 2001, 15, 2245-2250.	1.0	12
67	The development of ino virus-associated vector vaccines using phage-display technologies. <i>Expert Review of Vaccines</i> , 2019, 18, 913-920.	2.0	11
68	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> , 2021, 13, 1098.	1.5	11
69	Changes in T Cell Receptor Excision DNA Circle (TREC) Levels in HIV Type 1-Infected Subjects Pre- and Post-Highly Active Antiretroviral Therapy. <i>AIDS Research and Human Retroviruses</i> , 2004, 20, 47-54.	0.5	10
70	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> , 2010, 5, e10976.	1.1	10
71	Contrasting Frequencies of CCR5 Δ 32 and CCR2-64I Alleles in the Tunisian Population. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2001, 26, 298-299.	0.9	9
72	Near-full genome characterization of unclassified hepatitis c virus strains relating to genotypes 1 and 4. <i>Journal of Medical Virology</i> , 2011, 83, 2119-2127.	2.5	8

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73	Export of infectious particles by Escherichia coli transfected with the RF DNA of Pf1, a virus of Pseudomonas aeruginosa strain K. <i>Molecular Microbiology</i> , 1991, 5, 2641-2647.	1.2	6
74	HIV-1 transmission networks across Cyprus (2010-2012). <i>PLoS ONE</i> , 2018, 13, e0195660.	1.1	6
75	Development of a new comprehensive HIV-1 genotypic drug resistance assay for all commercially available reverse transcriptase, protease and integrase inhibitors in patients infected with group M HIV-1 strains. <i>Infection, Genetics and Evolution</i> , 2020, 81, 104243.	1.0	6
76	C2, an Unusual Filamentous Bacterial Virus: Protein Sequence and Conformation, DNA Size and Conformation, and Nucleotide/Subunit Ratio. <i>Biochemistry</i> , 1995, 34, 4077-4087.	1.2	5
77	Viral Correlates of HIV-1 Disease. <i>Current HIV Research</i> , 2005, 3, 113-132.	0.2	5
78	Architectural Insight into Inovirus-Associated Vectors (IAVs) and Development of IAV-Based Vaccines Inducing Humoral and Cellular Responses: Implications in HIV-1 Vaccines. <i>Viruses</i> , 2014, 6, 5047-5076.	1.5	5
79	HCV Phylogeography of the General Population and High-Risk Groups in Cyprus Identifies the Island as a Global Sink for and Source of Infection. <i>Scientific Reports</i> , 2019, 9, 10077.	1.6	5
80	A Multiallelic Molecular Beacon-Based Real-Time RT-PCR Assay for the Detection of SARS-CoV-2. <i>Life</i> , 2021, 11, 1146.	1.1	5
81	Contrasting Frequencies of CCR5 Δ 32 and CCR2-64I Alleles in the Tunisian Population. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2001, 26, 298-299.	0.9	4
82	Molecular epidemiology of hepatitis C infection in Cyprus within the general population and high-risk cohorts. <i>BMC Research Notes</i> , 2011, 4, 468.	0.6	4
83	Cellular HIV Type 1 DNA Levels Are Equivalent Among Drug-Sensitive and Drug-Resistant Strains in Newly Diagnosed and Antiretroviral Naive Patients. <i>AIDS Research and Human Retroviruses</i> , 2014, 30, 266-271.	0.5	4
84	Re-analysis of unassigned hepatitis C virus (HCV) strain CYHCV025: Evidence of a highly divergent lineage within genotype 1. <i>Molecular Phylogenetics and Evolution</i> , 2017, 109, 362-366.	1.2	2
85	HIV-1 Vaccine Strategies Utilizing Viral Vectors Including Antigen- Displayed Inoviral Vectors. <i>Current HIV Research</i> , 2014, 11, 610-622.	0.2	2
86	Implications of hcv natural genetic diversity on HCV NS5B inhibitor NM283. <i>Retrovirology</i> , 2010, 7, .	0.9	0
87	Molecular epidemiology and drug resistance prevalence of strains from newly diagnosed HIV-1 patients in Northern Greece during 2009-2010. <i>Retrovirology</i> , 2012, 9, P30.	0.9	0
88	Molecular epidemiology and genetic analysis of HCV infection in Cyprus within an intravenous drug user study cohort. <i>Retrovirology</i> , 2012, 9, .	0.9	0
89	Influx of uncommon HIV-1 strains from Eastern Europe and identification of a new unique recombinant strain among young Cypriot MSM in Cyprus. <i>Retrovirology</i> , 2012, 9, .	0.9	0