Stephen A Spector

List of Publications by Year
in descending order

74 papers	8,592 citations	136950 32 h-index	88630 70 g-index
77 all docs	77 docs citations	77 times ranked	18143 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	Identification of a candidate therapeutic autophagy-inducing peptide. Nature, 2013, 494, 201-206.	27.8	669
3	Cerebrospinal fluid human immunodeficiency virus type 1 RNA levels are elevated in neurocognitively impaired individuals with acquired immunodeficiency syndrome. Annals of Neurology, 1997, 42, 679-688.	5.3	314
4	Vitamin D Inhibits Human Immunodeficiency Virus Type 1 and Mycobacterium tuberculosis Infection in Macrophages through the Induction of Autophagy. PLoS Pathogens, 2012, 8, e1002689.	4.7	240
5	Tâ€Cellâ€Mimicking Nanoparticles Can Neutralize HIV Infectivity. Advanced Materials, 2018, 30, e1802233.	21.0	149
6	Diagnosis of Human Cytomegalovirus Central Nervous System Disease in AIDS Patients by DNA Amplification from Cerebrospinal Fluid. Journal of Infectious Diseases, 1992, 166, 1412-1415.	4.0	137
7	Hormonally Active Vitamin D3 (1Î±,25-Dihydroxycholecalciferol) Triggers Autophagy in Human Macrophages That Inhibits HIV-1 Infection. Journal of Biological Chemistry, 2011, 286, 18890-18902.	3.4	137
8	Human immunodeficiency virus type-1 infection inhibits autophagy. Aids, 2008, 22, 695-699.	2.2	135
9	Human Immunodeficiency Virus Type 1 Nef Inhibits Autophagy through Transcription Factor EB Sequestration. PLoS Pathogens, 2015, 11, e1005018.	4.7	123
10	Toll-Like Receptor 8 Ligands Activate a Vitamin D Mediated Autophagic Response that Inhibits Human Immunodeficiency Virus Type 1. PLoS Pathogens, 2012, 8, e1003017.	4.7	100
11	Autophagy Is Increased in Postmortem Brains of Persons With HIV-1-Associated Encephalitis. Journal of Infectious Diseases, 2011, 203, 1647-1657.	4.0	91
12	Vitamin D status and risk of incident tuberculosis disease: A nested case-control study, systematic review, and individual-participant data meta-analysis. PLoS Medicine, 2019, 16, e1002907.	8.4	91
13	The Antiviral Effect of Zidovudine and Ribavirin in Clinical Trials and the Use of p24 Antigen Levels as a Virologic Marker. Journal of Infectious Diseases, 1989, 159, 822-828.	4.0	88
14	SARS-CoV-2, SARS-CoV-1, and HIV-1 derived ssRNA sequences activate the NLRP3 inflammasome in human macrophages through a non-classical pathway. IScience, 2021, 24, 102295.	4.1	86
15	Production of Interferon Î± by Human Immunodeficiency Virus Type 1 in Human Plasmacytoid Dendritic Cells Is Dependent on Induction of Autophagy. Journal of Infectious Diseases, 2012, 205, 1258-1267.	4.0	83
16	Human Immunodeficiency Virus DNA is Present in a High Percentage of CD4+ Lymphocytes of Seropositive Individuals. Journal of Infectious Diseases, 1991, 164, 470-475.	4.0	77
17	Human Immunodeficiency Virus Type 1 gp120 and Tat Induce Mitochondrial Fragmentation and Incomplete Mitophagy in Human Neurons. Journal of Virology, 2018, 92, .	3.4	71
18	SMAC Mimetics Induce Autophagy-Dependent Apoptosis of HIV-1-Infected Resting Memory CD4+ T Cells. Cell Host and Microbe, 2018, 24, 689-702.e7.	11.0	60

#	Article	IF	Citations
19	Autophagy Induction by Histone Deacetylase Inhibitors Inhibits HIV Type 1. Journal of Biological Chemistry, 2015, 290, 5028-5040.	3.4	58
20	Human immunodeficiency virus Typeâ€1 singleâ€stranded RNA activates the NLRP3 inflammasome and impairs autophagic clearance of damaged mitochondria in human microglia. Glia, 2019, 67, 802-824.	4.9	58
21	Quantitation of Human Cytomegalovirus (HCMV) DNA in Cerebrospinal Fluid by Competitive PCR in AIDS Patients with Different HCMV Central Nervous System Diseases. Scandinavian Journal of Infectious Diseases, 1995, 27, 559-561.	1.5	56
22	Live-Attenuated Respiratory Syncytial Virus Vaccine Candidate With Deletion of RNA Synthesis Regulatory Protein M2-2 is Highly Immunogenic in Children. Journal of Infectious Diseases, 2018, 217, 1347-1355.	4.0	55
23	Appearance of Autologous Neutralizing Antibody Correlates with Reduction in Virus Load and Phenotype Switch during Primary Infection with Human Immunodeficiency Virus Type 1. Journal of Infectious Diseases, 1997, 175, 231-231.	4.0	53
24	Changes in Cardiovascular Disease Risk Factors With Immediate Versus Deferred Antiretroviral Therapy Initiation Among HIVâ€Positive Participants in the START (Strategic Timing of Antiretroviral) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.3	50
25	Induction of autophagy by PI3K/MTOR and PI3K/MTOR/BRD4 inhibitors suppresses HIV-1 replication. Journal of Biological Chemistry, 2018, 293, 5808-5820.	3.4	50
26	APOE Îµ4 and MBL-2 O/O genotypes are associated with neurocognitive impairment in HIV-infected plasma donors. Aids, 2010, 24, 1471-1479.	2.2	49
27	Autophagy: An overlooked mechanism of HIV-1 pathogenesis and NeuroAIDS?. Autophagy, 2008, 4, 704-706.	9.1	48
28	TheCCR5Î”32Allele Slows Disease Progression of Human Immunodeficiency Virusâ€“1â€“Infected Children Receiving Antiretroviral Treatment. Journal of Infectious Diseases, 2000, 182, 413-419.	4.0	45
29	TREM-1 Protects HIV-1-Infected Macrophages from Apoptosis through Maintenance of Mitochondrial Function. MBio, 2019, 10, .	4.1	42
30	Molecular Detection of Human Cytomegalovirus and Determination of Genotypic Ganciclovir Resistance in Clinical Specimens. Clinical Infectious Diseases, 1995, 21, S170-S173.	5.8	39
31	Live-attenuated Vaccines Prevent Respiratory Syncytial Virusâ€“associated Illness in Young Children. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 594-603.	5.6	37
32	Selective cell death of latently HIV-infected CD4+ T cells mediated by autosis inducing nanopeptides. Cell Death and Disease, 2019, 10, 419.	6.3	36
33	Rapid Determination of Molecular Relatedness of Isolates of Human Cytomegalovirus. Journal of Infectious Diseases, 1985, 152, 755-759.	4.0	35
34	Inhibition of human immunodeficiency virus type-1 through autophagy. Current Opinion in Microbiology, 2013, 16, 349-354.	5.1	33
35	CD4 ⁺ T Cell-Mimicking Nanoparticles Broadly Neutralize HIV-1 and Suppress Viral Replication through Autophagy. MBio, 2020, 11, .	4.1	32
36	Development and characterization of a human microglia cell model of HIV-1 infection. Journal of NeuroVirology, 2017, 23, 33-46.	2.1	31

#	Article	IF	Citations
37	Pharmacokinetics and 48-Week Safety and Efficacy of Raltegravir for Oral Suspension in Human Immunodeficiency Virus Type-1-Infected Children 4 Weeks to 2 Years of Age. Journal of the Pediatric Infectious Diseases Society, 2015, 4, e76-e83.	1.3	30
38	Live Respiratory Syncytial Virus Attenuated by M2-2 Deletion and Stabilized Temperature Sensitivity Mutation 1030s Is a Promising Vaccine Candidate in Children. Journal of Infectious Diseases, 2020, 221, 534-543.	4.0	28
39	Control lymphocyte subsets: Can one country's values serve for another's?. Journal of Allergy and Clinical Immunology, 2014, 134, 759-761.e8.	2.9	27
40	Induction of a Na⁺/K⁺-ATPase-dependent form of autophagy triggers preferential cell death of human immunodeficiency virus type-1-infected macrophages. Autophagy, 2018, 14, 1359-1375.	9.1	26
41	Differential Induction of Rat Neuronal Excitotoxic Cell Death by Human Immunodeficiency Virus Type 1 Clade B and C Tat Proteins. AIDS Research and Human Retroviruses, 2011, 27, 647-654.	1.1	24
42	Human Immunodeficiency Virus Type-1 Myeloid Derived Suppressor Cells Inhibit Cytomegalovirus Inflammation through Interleukin-27 and B7-H4. Scientific Reports, 2017, 7, 44485.	3.3	24
43	SMAC mimetics induce autophagy-dependent apoptosis of HIV-1-infected macrophages. Cell Death and Disease, 2020, 11, 590.	6.3	22
44	HIV-1 Clade B Tat, but Not Clade C Tat, Increases X4 HIV-1 Entry into Resting but Not Activated CD4+ T Cells. Journal of Biological Chemistry, 2010, 285, 1681-1691.	3.4	20
45	Human Immunodeficiency Virus Type 1 and Methamphetamine-Mediated Mitochondrial Damage and Neuronal Degeneration in Human Neurons. Journal of Virology, 2020, 94, .	3.4	16
46	Characterization of Functional Antibody and Memory B-Cell Responses to pH1N1 Monovalent Vaccine in HIV-Infected Children and Youth. PLoS ONE, 2015, 10, e0118567.	2.5	15
47	Low Vitamin-D Levels Combined with PKP3-SIGIRR-TMEM16J Host Variants Is Associated with Tuberculosis and Death in HIV-Infected and -Exposed Infants. PLoS ONE, 2016, 11, e0148649.	2.5	14
48	Dysregulation of cytokine expression in monocytes from HIV-positive individuals. Journal of Leukocyte Biology, 1994, 56, 347-352.	3.3	13
49	DIABLO/SMAC mimetics selectively kill HIV-1-infected resting memory CD4⁺ T cells: a potential role in a cure strategy for HIV-1 infection. Autophagy, 2019, 15, 744-746.	9.1	13
50	Raltegravir (RAL) in Neonates: Dosing, Pharmacokinetics (PK), and Safety in HIV-1â€“Exposed Neonates at Risk of Infection (IMPAACT P1110). Journal of Acquired Immune Deficiency Syndromes (1999), 2020, 84, 70-77.	2.1	13
51	Trehalose Inhibits Human Immunodeficiency Virus Type 1 Infection in Primary Human Macrophages and CD4 ⁺ T Lymphocytes through Two Distinct Mechanisms. Journal of Virology, 2020, 94, .	3.4	12
52	Immunogenicity of Licensed Influenza A (H1N1) 2009 Monovalent Vaccines in HIV-Infected Children and Youth. Journal of the Pediatric Infectious Diseases Society, 2013, 2, 352-360.	1.3	10
53	CD4+ T cell-mimicking nanoparticles encapsulating DIABLO/SMAC mimetics broadly neutralize HIV-1 and selectively kill HIV-1-infected cells. Theranostics, 2021, 11, 9009-9021.	10.0	10
54	Killer Cell Immunoglobulin-Like Receptor Alleles Alter HIV Disease in Children. PLoS ONE, 2016, 11, e0151364.	2.5	10

#	Article	IF	Citations
55	Mitochondrial dysfunction: prevention of HIV-1 mother-to-infant transmission outweighs fear. Aids, 2006, 20, 1777-1778.	2.2	9
56	Interleukin 23 Produced by Myeloid Dendritic Cells Contributes to T-Cell Dysfunction in HIV Type 1 Infection by Inducing SOCS1 Expression. Journal of Infectious Diseases, 2015, 211, 755-768.	4.0	9
57	Birth Prevalence of Congenital Cytomegalovirus Infection in HIV-Exposed Uninfected Children in the Era of Combination Antiretroviral Therapy. Journal of Pediatrics, 2020, 216, 82-87.e2.	1.8	9
58	Current strategies to induce selective killing of HIV-1-infected cells. Journal of Leukocyte Biology, 2022, 112, 1273-1284.	3.3	9
59	Population pharmacokinetics of dapsone in children with human immunodeficiency virus infection. Clinical Pharmacology and Therapeutics, 2001, 70, 24-32.	4.7	8
60	Longitudinal changes in epigenetic age in youth with perinatally acquired HIV and youth who are perinatally HIV-exposed uninfected. Aids, 2021, 35, 811-819.	2.2	8
61	Pacritinib Inhibition of IRAK1 Blocks Aberrant TLR8 Signalling by SARS-CoV-2 and HIV-1-Derived RNA. Journal of Innate Immunity, 2023, 15, 96-106.	3.8	8
62	Genetically determined ancestry is more informative than self-reported race in HIV-infected and -exposed children. Medicine (United States), 2016, 95, e4733.	1.0	7
63	HIV cure strategists. Aids, 2017, 31, 167-168.	2.2	7
64	Association of Cytomegalovirus DNA and Immunologic Markers of Cardiovascular Disease. Open Forum Infectious Diseases, 2019, 6, ofz113.	0.9	6
65	Applications of immunogold-silver enhancement: Testing of monoclonal antibodies and detection of human cytomegalovirus in histologic specimens. American Journal of Anatomy, 1989, 185, 310-313.	1.0	5
66	Establishing Dosing Recommendations for Efavirenz in HIV/TB-Coinfected Children Younger Than 3 Years. Journal of Acquired Immune Deficiency Syndromes (1999), 2019, 81, 473-480.	2.1	4
67	POSITIVE AND NEGATIVE EFFECTS OF HUMAN CYTOMEGALOVIRUS ON HIV REPLICATION. , 1994, , 65-89.		4
68	Genomics Links Inflammation With Neurocognitive Impairment in Children Living With Human Immunodeficiency Virus Type-1. Journal of Infectious Diseases, 2021, 224, 870-880.	4.0	3
69	Induction of Autophagy to Achieve a Human Immunodeficiency Virus Type 1 Cure. Cells, 2021, 10, 1798.	4.1	2
70	Migration and Risk Factors for HIV Acquisition in Pregnant Women in Baja California, Mexico. Journal of the International AIDS Society, 2005, 7, 69-69.	3.0	1
71	Factors Impacting on Drug Choices: Issues for Developing Countries. Annals of the New York Academy of Sciences, 2006, 918, 346-350.	3.8	1
72	In-Country Migration and Risk Factors for HIV Acquisition among Pregnant Women in Tijuana, Mexico. Journal of the International Association of Providers of AIDS Care, 2016, 15, 228-231.	1.5	1

#	Article	IF	Citations
73	Impact of Low Birth Weight and Prematurity on Neonatal Raltegravir Pharmacokinetics: Impaact P1097. Journal of Acquired Immune Deficiency Syndromes (1999), 2020, 85, 626-634.	2.1	0
74	A framework and road map for rapid start-up and completion of a COVID-19 vaccine trial: A single clinical trial site experience. Journal of Clinical and Translational Science, 2022, 6, e21.	0.6	0