# 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 | 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 |
| 2 | 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 |
| 3 | Current strategies to induce selective killing of HIV-1-infected cells. Journal of Leukocyte Biology, 2022, 112, 1273-1284. | 3.3 | 9 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | Induction of Autophagy to Achieve a Human Immunodeficiency Virus Type 1 Cure. Cells, 2021, 10, 1798. | 4.1 | 2 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | SMAC mimetics induce autophagy-dependent apoptosis of HIV-1-infected macrophages. Cell Death and Disease, 2020, 11, 590. | 6.3 | 22 |
| 13 | CD4 <sup>+</sup> T Cell-Mimicking Nanoparticles Broadly Neutralize HIV-1 and Suppress Viral Replication through Autophagy. MBio, 2020, 11, . | 4.1 | 32 |
| 14 | Human Immunodeficiency Virus Type 1 and Methamphetamine-Mediated Mitochondrial Damage and Neuronal Degeneration in Human Neurons. Journal of Virology, 2020, 94, . | 3.4 | 16 |
| 15 | 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 |
| 16 | Trehalose Inhibits Human Immunodeficiency Virus Type 1 Infection in Primary Human Macrophages and CD4 <sup>+</sup> T Lymphocytes through Two Distinct Mechanisms. Journal of Virology, 2020, 94, . | 3.4 | 12 |
| 17 | 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 |
| 18 | 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 |

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|---|---|---|---|
| 19 | DIABLO/SMAC mimetics selectively kill HIV-1-infected resting memory CD4<sup>+</sup> T cells: a potential role in a cure strategy for HIV-1 infection. Autophagy, 2019, 15, 744-746. | 9.1 | 13 |
| 20 | Association of Cytomegalovirus DNA and Immunologic Markers of Cardiovascular Disease. Open Forum Infectious Diseases, 2019, 6, ofz113. | 0.9 | 6 |
| 21 | 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 |
| 22 | 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 |
| 23 | TREM-1 Protects HIV-1-Infected Macrophages from Apoptosis through Maintenance of Mitochondrial Function. MBio, 2019, 10, . | 4.1 | 42 |
| 24 | 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 |
| 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 | 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 |
| 27 | Tâ€Cellâ€Mimicking Nanoparticles Can Neutralize HIV Infectivity. Advanced Materials, 2018, 30, e1802233. | 21.0 | 149 |
| 28 | 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 |
| 29 | 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 |
| 30 | Induction of a Na<sup>+</sup>/K<sup>+</sup>-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 |
| 31 | 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 ETQq1 1 0.784314 rgBT /Over | | |
| 32 | 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 |
| 33 | HIV cure strategists. Aids, 2017, 31, 167-168. | 2.2 | 7 |
| 34 | Development and characterization of a human microglia cell model of HIV-1 infection. Journal of NeuroVirology, 2017, 23, 33-46. | 2.1 | 31 |
| 35 | 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 |
| 36 | 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 |

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|---|---|---|---|
| 37 | 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 |
| 38 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222. | 9.1 | 4,701 |
| 39 | Killer Cell Immunoglobulin-Like Receptor Alleles Alter HIV Disease in Children. PLoS ONE, 2016, 11, e0151364. | 2.5 | 10 |
| 40 | 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 |
| 41 | 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 |
| 42 | Autophagy Induction by Histone Deacetylase Inhibitors Inhibits HIV Type 1. Journal of Biological Chemistry, 2015, 290, 5028-5040. | 3.4 | 58 |
| 43 | 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 |
| 44 | Human Immunodeficiency Virus Type 1 Nef Inhibits Autophagy through Transcription Factor EB Sequestration. PLoS Pathogens, 2015, 11, e1005018. | 4.7 | 123 |
| 45 | 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 |
| 46 | Identification of a candidate therapeutic autophagy-inducing peptide. Nature, 2013, 494, 201-206. | 27.8 | 669 |
| 47 | Inhibition of human immunodeficiency virus type-1 through autophagy. Current Opinion in Microbiology, 2013, 16, 349-354. | 5.1 | 33 |
| 48 | 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 |
| 49 | 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 |
| 50 | 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 |
| 51 | 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 |
| 52 | 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 |
| 53 | Autophagy Is Increased in Postmortem Brains of Persons With HIV-1-Associated Encephalitis. Journal of Infectious Diseases, 2011, 203, 1647-1657. | 4.0 | 91 |
| 54 | 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 |

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|---|---|---|---|
| 55 | 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 |
| 56 | 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 |
| 57 | Autophagy: An overlooked mechanism of HIV-1 pathogenesis and NeuroAIDS?. Autophagy, 2008, 4, 704-706. | 9.1 | 48 |
| 58 | Human immunodeficiency virus type-1 infection inhibits autophagy. Aids, 2008, 22, 695-699. | 2.2 | 135 |
| 59 | Mitochondrial dysfunction: prevention of HIV-1 mother-to-infant transmission outweighs fear. Aids, 2006, 20, 1777-1778. | 2.2 | 9 |
| 60 | Factors Impacting on Drug Choices: Issues for Developing Countries. Annals of the New York Academy of Sciences, 2006, 918, 346-350. | 3.8 | 1 |
| 61 | 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 |
| 62 | Population pharmacokinetics of dapsone in children with human immunodeficiency virus infection. Clinical Pharmacology and Therapeutics, 2001, 70, 24-32. | 4.7 | 8 |
| 63 | 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 |
| 64 | 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 |
| 65 | 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 |
| 66 | 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 |
| 67 | Molecular Detection of Human Cytomegalovirus and Determination of Genotypic Ganciclovir Resistance in Clinical Specimens. Clinical Infectious Diseases, 1995, 21, S170-S173. | 5.8 | 39 |
| 68 | Dysregulation of cytokine expression in monocytes from HIV-positive individuals. Journal of Leukocyte Biology, 1994, 56, 347-352. | 3.3 | 13 |
| 69 | POSITIVE AND NEGATIVE EFFECTS OF HUMAN CYTOMEGALOVIRUS ON HIV REPLICATION. , 1994, , 65-89. | | 4 |
| 70 | 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 |
| 71 | 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 |
| 72 | 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 |

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|---|---|---|---|
| 73 | 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 |
| 74 | Rapid Determination of Molecular Relatedness of Isolates of Human Cytomegalovirus. Journal of Infectious Diseases, 1985, 152, 755-759. | 4.0 | 35 |