

Michael M Lederman

List of Publications by Year in descending order

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82
papers

5,517
citations

136740

32
h-index

82410

72
g-index

82
all docs

82
docs citations

82
times ranked

7253
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Plasma Levels of Bacterial DNA Correlate with Immune Activation and the Magnitude of Immune Restoration in Persons with Antiretroviral-treated HIV Infection. <i>Journal of Infectious Diseases</i> , 2009, 199, 1177-1185. | 1.9 | 527 |
| 2 | HIV-Infected Individuals with Low CD4/CD8 Ratio despite Effective Antiretroviral Therapy Exhibit Altered T Cell Subsets, Heightened CD8+ T Cell Activation, and Increased Risk of Non-AIDS Morbidity and Mortality. <i>PLoS Pathogens</i> , 2014, 10, e1004078. | 2.1 | 495 |
| 3 | Soluble Markers of Inflammation and Coagulation but Not T-Cell Activation Predict Non-AIDS-Defining Morbid Events During Suppressive Antiretroviral Treatment. <i>Journal of Infectious Diseases</i> , 2014, 210, 1248-1259. | 1.9 | 464 |
| 4 | Gut Epithelial Barrier Dysfunction and Innate Immune Activation Predict Mortality in Treated HIV Infection. <i>Journal of Infectious Diseases</i> , 2014, 210, 1228-1238. | 1.9 | 395 |
| 5 | Prevention of Vaginal SHIV Transmission in Rhesus Macaques Through Inhibition of CCR5. <i>Science</i> , 2004, 306, 485-487. | 6.0 | 364 |
| 6 | Residual Immune Dysregulation Syndrome in Treated HIV infection. <i>Advances in Immunology</i> , 2013, 119, 51-83. | 1.1 | 295 |
| 7 | Oral Mycobiome Analysis of HIV-Infected Patients: Identification of <i>Pichia</i> as an Antagonist of Opportunistic Fungi. <i>PLoS Pathogens</i> , 2014, 10, e1003996. | 2.1 | 278 |
| 8 | Immunologic Failure Despite Suppressive Antiretroviral Therapy Is Related to Activation and Turnover of Memory CD4 Cells. <i>Journal of Infectious Diseases</i> , 2011, 204, 1217-1226. | 1.9 | 265 |
| 9 | Biology of CCR5 and Its Role in HIV Infection and Treatment. <i>JAMA - Journal of the American Medical Association</i> , 2006, 296, 815. | 3.8 | 219 |
| 10 | Pretreatment Levels of Soluble Cellular Receptors and Interleukin-6 Are Associated with HIV Disease Progression in Subjects Treated with Highly Active Antiretroviral Therapy. <i>Journal of Infectious Diseases</i> , 2010, 201, 1796-1805. | 1.9 | 124 |
| 11 | The immunologic effects of maraviroc intensification in treated HIV-infected individuals with incomplete CD4+ T-cell recovery: a randomized trial. <i>Blood</i> , 2013, 121, 4635-4646. | 0.6 | 117 |
| 12 | CD8 T-Cell Expansion and Inflammation Linked to CMV Coinfection in ART-treated HIV Infection. <i>Clinical Infectious Diseases</i> , 2016, 62, 392-396. | 2.9 | 114 |
| 13 | SARS-CoV-2 and ACE2: The biology and clinical data settling the ARB and ACEI controversy. <i>EBioMedicine</i> , 2020, 58, 102907. | 2.7 | 110 |
| 14 | IL-15 promotes activation and expansion of CD8+ T cells in HIV-1 infection. <i>Journal of Clinical Investigation</i> , 2016, 126, 2745-2756. | 3.9 | 97 |
| 15 | Oxidized LDL Levels Are Increased in HIV Infection and May Drive Monocyte Activation. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2015, 69, 154-160. | 0.9 | 85 |
| 16 | Inflammatory Cytokines Drive CD4+ T-Cell Cycling and Impaired Responsiveness to Interleukin 7: Implications for Immune Failure in HIV Disease. <i>Journal of Infectious Diseases</i> , 2014, 210, 619-629. | 1.9 | 77 |
| 17 | Association of Lymphopenia With Risk of Mortality Among Adults in the US General Population. <i>JAMA Network Open</i> , 2019, 2, e1916526. | 2.8 | 77 |
| 18 | IL-7 Induces SAMHD1 Phosphorylation in CD4+ T Lymphocytes, Improving Early Steps of HIV-1 Life Cycle. <i>Cell Reports</i> , 2016, 14, 2100-2107. | 2.9 | 64 |

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|----|--|------|-----------|
| 19 | Cytokines and T-Cell Homeostasis in HIV Infection. <i>Journal of Infectious Diseases</i> , 2016, 214, S51-S57. | 1.9 | 62 |
| 20 | Inflammation Perturbs the IL-7 Axis, Promoting Senescence and Exhaustion that Broadly Characterize Immune Failure in Treated HIV Infection. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2016, 71, 483-492. | 0.9 | 59 |
| 21 | CD8 T cell persistence in treated HIV infection. <i>Current Opinion in HIV and AIDS</i> , 2014, 9, 500-505. | 1.5 | 56 |
| 22 | Three Distinct Phases of HIV-1 RNA Decay in Treatment-Naïve Patients Receiving Raltegravir-Based Antiretroviral Therapy: ACTG A5248. <i>Journal of Infectious Diseases</i> , 2013, 208, 884-891. | 1.9 | 53 |
| 23 | Determinants of Protection among HIV-Exposed Seronegative Persons: An Overview. <i>Journal of Infectious Diseases</i> , 2010, 202, S333-S338. | 1.9 | 49 |
| 24 | Soluble Urokinase Plasminogen Activator Receptor Is Predictive of Non-AIDS Events During Antiretroviral Therapy-mediated Viral Suppression. <i>Clinical Infectious Diseases</i> , 2019, 69, 676-686. | 2.9 | 49 |
| 25 | Coagulation and morbidity in treated HIV infection. <i>Thrombosis Research</i> , 2014, 133, S21-S24. | 0.8 | 45 |
| 26 | Dynamics of Immune Reconstitution and Activation Markers in HIV+ Treatment-Naïve Patients Treated with Raltegravir, Tenofovir Disoproxil Fumarate and Emtricitabine. <i>PLoS ONE</i> , 2013, 8, e83514. | 1.1 | 45 |
| 27 | Safety and Impact of Low-dose Methotrexate on Endothelial Function and Inflammation in Individuals With Treated Human Immunodeficiency Virus: AIDS Clinical Trials Group Study A5314. <i>Clinical Infectious Diseases</i> , 2019, 68, 1877-1886. | 2.9 | 42 |
| 28 | Pathogenesis of Aging and Age-related Comorbidities in People with HIV: Highlights from the HIV ACTION Workshop. <i>Pathogens and Immunity</i> , 2020, 5, 143. | 1.4 | 42 |
| 29 | Altered Monocyte and Endothelial Cell Adhesion Molecule Expression Is Linked to Vascular Inflammation in Human Immunodeficiency Virus Infection. <i>Open Forum Infectious Diseases</i> , 2016, 3, ofw224. | 0.4 | 41 |
| 30 | Vitamin D, d-dimer, Interferon β , and sCD14 Levels are Independently Associated with Immune Reconstitution Inflammatory Syndrome: A Prospective, International Study. <i>EBioMedicine</i> , 2016, 4, 115-123. | 2.7 | 37 |
| 31 | Prospective Analysis of Lipid Composition Changes with Antiretroviral Therapy and Immune Activation in Persons Living with HIV. <i>Pathogens and Immunity</i> , 2017, 2, 376. | 1.4 | 36 |
| 32 | A Cure for HIV Infection: "Not in My Lifetime" or "Just Around the Corner"? <i>Pathogens and Immunity</i> , 2016, 1, 154. | 1.4 | 35 |
| 33 | Inflammatory Function of CX3CR1 ⁺ CD8 ⁺ T Cells in Treated HIV Infection Is Modulated by Platelet Interactions. <i>Journal of Infectious Diseases</i> , 2016, 214, 1808-1816. | 1.9 | 35 |
| 34 | Translocated microbiome composition determines immunological outcome in treated HIV infection. <i>Cell</i> , 2021, 184, 3899-3914.e16. | 13.5 | 35 |
| 35 | Altered Lipidome Composition Is Related to Markers of Monocyte and Immune Activation in Antiretroviral Therapy Treated Human Immunodeficiency Virus (HIV) Infection and in Uninfected Persons. <i>Frontiers in Immunology</i> , 2019, 10, 785. | 2.2 | 34 |
| 36 | Impaired T-cell responses to sphingosine-1-phosphate in HIV-1 infected lymph nodes. <i>Blood</i> , 2013, 121, 2914-2922. | 0.6 | 31 |

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|----|--|-----|-----------|
| 37 | Changes in Inflammation but Not in T-Cell Activation Precede Non-AIDS-Defining Events in a Case-Control Study of Patients on Long-term Antiretroviral Therapy. <i>Journal of Infectious Diseases</i> , 2018, 218, 239-248. | 1.9 | 29 |
| 38 | Effects of atorvastatin on biomarkers of immune activation, inflammation, and lipids in virologically suppressed, human immunodeficiency virus-1â€“infected individuals with low-density lipoprotein cholesterol $\leq 130\text{Åmg/dL}$ (AIDS Clinical Trials Group Study A5275). <i>Journal of Clinical Lipidology</i> , 2017, 11, 61-69. | 0.6 | 27 |
| 39 | â€“Rinse and Replaceâ€™: Boosting T Cell Turnover To Reduce HIV-1 Reservoirs. <i>Trends in Immunology</i> , 2020, 41, 466-480. | 2.9 | 26 |
| 40 | Altered Monocyte Phenotype in HIV-1 Infection Tends to Normalize with Integrase-Inhibitor-Based Antiretroviral Therapy. <i>PLoS ONE</i> , 2015, 10, e0139474. | 1.1 | 25 |
| 41 | Telmisartan Therapy Does Not Improve Lymph Node or Adipose Tissue Fibrosis More Than Continued Antiretroviral Therapy Alone. <i>Journal of Infectious Diseases</i> , 2018, 217, 1770-1781. | 1.9 | 23 |
| 42 | Cytomegalovirus Coinfection Is Associated with Increased Vascular-Homing CD57+ CD4 T Cells in HIV Infection. <i>Journal of Immunology</i> , 2020, 204, 2722-2733. | 0.4 | 23 |
| 43 | Topical application of entry inhibitors as "virstats" to prevent sexual transmission of HIV infection. <i>Retrovirology</i> , 2008, 5, 116. | 0.9 | 22 |
| 44 | A Phase I/II Evaluation of Oral Lâ€“2â€“oxothiazolidineâ€“4â€“Carboxylic Acid in Asymptomatic Patients Infected with Human Immunodeficiency Virus. <i>Journal of Clinical Pharmacology</i> , 1998, 38, 357-363. | 1.0 | 21 |
| 45 | Fingolimod retains cytolytic T cells and limits T follicular helper cell infection in lymphoid sites of SIV persistence. <i>PLoS Pathogens</i> , 2019, 15, e1008081. | 2.1 | 21 |
| 46 | Physical Activity Intensity is Associated with Symptom Distress in the CNICS Cohort. <i>AIDS and Behavior</i> , 2019, 23, 627-635. | 1.4 | 21 |
| 47 | Macrophage maturation from blood monocytes is altered in people with HIV, and is linked to serum lipid profiles and activation indices: A model for studying atherogenic mechanisms. <i>PLoS Pathogens</i> , 2020, 16, e1008869. | 2.1 | 21 |
| 48 | CD161 Expression on Mucosa-Associated Invariant T Cells is Reduced in HIV-Infected Subjects Undergoing Antiretroviral Therapy Who Do Not Recover CD4+ T Cells. <i>Pathogens and Immunity</i> , 2017, 2, 335. | 1.4 | 21 |
| 49 | SIV/SHIV Infection Triggers Vascular Inflammation, Diminished Expression of Krâ€“1/4ppel-like Factor 2 and Endothelial Dysfunction. <i>Journal of Infectious Diseases</i> , 2016, 213, 1419-1427. | 1.9 | 20 |
| 50 | Pre-vaccine plasma levels of soluble inflammatory indices negatively predict responses to HAV, HBV, and tetanus vaccines in HCV and HIV infection. <i>Vaccine</i> , 2018, 36, 453-460. | 1.7 | 19 |
| 51 | CD56bright NK IL-7RÎ± expression negatively associates with HCV level, and IL-7-induced NK function is impaired during HCV and HIV infections. <i>Journal of Leukocyte Biology</i> , 2017, 102, 171-184. | 1.5 | 18 |
| 52 | "Inflammascent" CX3CR1+CD57+ CD8 T cells are generated and expanded by IL-15. <i>JCI Insight</i> , 2020, 5, . | 2.3 | 18 |
| 53 | CX3CL1 and IL-15 Promote CD8 T cell chemoattraction in HIV and in atherosclerosis. <i>PLoS Pathogens</i> , 2020, 16, e1008885. | 2.1 | 17 |
| 54 | Markers of inflammation and immune activation are associated with lung function in a multi-center cohort of persons with HIV. <i>Aids</i> , 2021, 35, 1031-1040. | 1.0 | 15 |

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|----|--|-----|-----------|
| 55 | Plasmacytoid Dendritic Cells Mediate Synergistic Effects of HIV and Lipopolysaccharide on CD27 ⁺ IgD ⁺ Memory B Cell Apoptosis. <i>Journal of Virology</i> , 2014, 88, 11430-11441. | 1.5 | 14 |
| 56 | Interferon- γ inhibits CD4 T cell responses to interleukin-7 and interleukin-2 and selectively interferes with Akt signaling. <i>Journal of Leukocyte Biology</i> , 2015, 97, 1139-1146. | 1.5 | 14 |
| 57 | Altered Maturation Status and Possible Immune Exhaustion of CD8 T Lymphocytes in the Peripheral Blood of Patients Presenting With Acute Coronary Syndromes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 389-397. | 1.1 | 14 |
| 58 | CD8 ⁺ T-Cell-Derived Tumor Necrosis Factor Can Induce Tissue Factor Expression on Monocytes. <i>Journal of Infectious Diseases</i> , 2019, 220, 73-77. | 1.9 | 14 |
| 59 | Massive Release of CD9 ⁺ Microvesicles in Human Immunodeficiency Virus Infection, Regardless of Virologic Control. <i>Journal of Infectious Diseases</i> , 2022, 225, 1040-1049. | 1.9 | 13 |
| 60 | Treatment of HIV infection with a raltegravir-based regimen increases LDL levels, but improves HDL cholesterol efflux capacity. <i>Antiviral Therapy</i> , 2016, 22, 71-75. | 0.6 | 11 |
| 61 | Effect of IL-7 Therapy on Phospho-Ribosomal Protein S6 and TRAF1 Expression in HIV-Specific CD8 T Cells in Patients Receiving Antiretroviral Therapy. <i>Journal of Immunology</i> , 2018, 200, 558-564. | 0.4 | 11 |
| 62 | Antiretroviral Treatment for HIV Elite Controllers?. <i>Pathogens and Immunity</i> , 2020, 5, 121. | 1.4 | 11 |
| 63 | Identification of Occult <i>Fusobacterium nucleatum</i> Central Nervous System Infection by Use of PCR-Electrospray Ionization Mass Spectrometry. <i>Journal of Clinical Microbiology</i> , 2014, 52, 3462-3464. | 1.8 | 9 |
| 64 | HIV infection is associated with elevated biomarkers of immune activation in Ugandan adults with pneumonia. <i>PLoS ONE</i> , 2019, 14, e0216680. | 1.1 | 9 |
| 65 | Ten Years HIV Free: An Interview with "The Berlin Patient," Timothy Ray Brown. <i>Pathogens and Immunity</i> , 2017, 2, 422. | 1.4 | 9 |
| 66 | Pneumoproteins are associated with pulmonary function in HIV-infected persons. <i>PLoS ONE</i> , 2019, 14, e0223263. | 1.1 | 8 |
| 67 | Plasma galectin-9 as a predictor of adverse non-AIDS events in persons with chronic HIV during suppressive antiretroviral therapy. <i>Aids</i> , 2021, 35, 2489-2495. | 1.0 | 7 |
| 68 | Haemophilia, human immunodeficiency virus and human immunodeficiency virus pathogenesis. <i>Thrombosis and Haemostasis</i> , 2010, 104, 911-914. | 1.8 | 5 |
| 69 | Lymphocyte Counts are Dynamic and Associated with Survival after Transcatheter Aortic Valve Replacement. <i>Structural Heart</i> , 2018, 2, 557-564. | 0.2 | 5 |
| 70 | A surprising role for TLR7. <i>Nature Immunology</i> , 2015, 16, 8-9. | 7.0 | 4 |
| 71 | Effect of Antiretroviral Therapy on Plasma Concentrations of Chloroquine and Desethyl-chloroquine. <i>Clinical Infectious Diseases</i> , 2018, 67, 1617-1620. | 2.9 | 4 |
| 72 | Highly oxidized low-density lipoprotein mediates activation of monocytes but does not confer interleukin-1 β secretion nor interleukin-15 transpresentation function. <i>Immunology</i> , 2020, 159, 221-230. | 2.0 | 3 |

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|----|---|-----|-----------|
| 73 | Immunologic Effects of Maraviroc in HIV-Infected Patients with Severe CD4 Lymphopenia Starting Antiretroviral Therapy: A Sub-Study of the CADIRIS Trial. <i>Pathogens and Immunity</i> , 2017, 2, 151. | 1.4 | 3 |
| 74 | Monitoring Circulating Immune Checkpoint Proteins as Predictors of Non-AIDS Morbid Events in People With HIV Initiating Antiretroviral Therapy. <i>Open Forum Infectious Diseases</i> , 2022, 9, ofab570. | 0.4 | 3 |
| 75 | Anisocytosis and leukocytosis are independently related to survival after transcatheter aortic valve replacement. <i>Journal of Cardiovascular Medicine</i> , 2018, 19, 191-194. | 0.6 | 2 |
| 76 | Plasma lipidome abnormalities in people with HIV initiating antiretroviral therapy. <i>Translational Medicine Communications</i> , 2020, 5, . | 0.5 | 1 |
| 77 | AIDS in the Heartland—Hemophilia Was the Harbinger of Things to Come. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2021, 86, 517-522. | 0.9 | 1 |
| 78 | Compulsory Immunization Protects Against Infection: What Law and Society Can Do. <i>Pathogens and Immunity</i> , 2020, 5, 1. | 1.4 | 1 |
| 79 | Is France Once Again Looking for a Scapegoat?. <i>Pathogens and Immunity</i> , 2021, 6, 149-152. | 1.4 | 1 |
| 80 | Stability of plasma indices of inflammation/coagulation and homeostasis after fatty and non-fatty meals in treated people with HIV. <i>Journal of Virus Eradication</i> , 2019, 5, 28-32. | 0.3 | 0 |
| 81 | Charles C. J. Carpenter Jr (1931—2020). <i>Journal of Infectious Diseases</i> , 0, , . | 1.9 | 0 |
| 82 | Stability of plasma indices of inflammation/coagulation and homeostasis after fatty and non-fatty meals in treated people with HIV. <i>Journal of Virus Eradication</i> , 2019, 5, 28-32. | 0.3 | 0 |