# Catherine Riou

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2240706/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 50 papers | 2,567 citations | 236925 25 h-index | 223800 46 g-index |
| 61 all docs | 61 docs citations | 61 times ranked | 3970 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Rapid, simplified whole blood-based multiparameter assay to quantify and phenotype SARS-CoV-2-specific T-cells. European Respiratory Journal, 2022, 59, 2100285. | 6.7 | 14 |
| 2 | T cell responses to SARS-CoV-2 spike cross-recognize Omicron. Nature, 2022, 603, 488-492. | 27.8 | 430 |
| 3 | Histone acetylome-wide associations in immune cells from individuals with active Mycobacterium tuberculosis infection. Nature Microbiology, 2022, 7, 312-326. | 13.3 | 9 |
| 4 | Escape from recognition of SARS-CoV-2 variant spike epitopes but overall preservation of T cell immunity. Science Translational Medicine, 2022, 14, . | 12.4 | 77 |
| 5 | Mycobacterium tuberculosis-specific CD4 T cells expressing CD153 inversely associate with bacterial load and disease severity in human tuberculosis. Mucosal Immunology, 2021, 14, 491-499. | 6.0 | 33 |
| 6 | Dysregulation of the Immune Environment in the Airways During HIV Infection. Frontiers in Immunology, 2021, 12, 707355. | 4.8 | 6 |
| 7 | Relationship of SARS-CoV-2â€“specific CD4 response to COVID-19 severity and impact of HIV-1 and tuberculosis coinfection. Journal of Clinical Investigation, 2021, 131, . | 8.2 | 113 |
| 8 | Immunological Correlates of the HIV-1 Replication-Competent Reservoir Size. Clinical Infectious Diseases, 2021, 73, 1528-1531. | 5.8 | 4 |
| 9 | Eosinophils are part of the granulocyte response in tuberculosis and promote host resistance in mice. Journal of Experimental Medicine, 2021, 218, . | 8.5 | 38 |
| 10 | Inflammatory profile of patients with tuberculosis with or without HIV-1 co-infection: a prospective cohort study and immunological network analysis. Lancet Microbe, The, 2021, 2, e375-e385. | 7.3 | 12 |
| 11 | Th22 Cells Are a Major Contributor to the Mycobacterial CD4+ T Cell Response and Are Depleted During HIV Infection. Journal of Immunology, 2021, 207, 1239-1249. | 0.8 | 10 |
| 12 | Prior infection with SARS-CoV-2 boosts and broadens Ad26.COV2.S immunogenicity in a variant-dependent manner. Cell Host and Microbe, 2021, 29, 1611-1619.e5. | 11.0 | 106 |
| 13 | Kaposiâ€™s Sarcoma-Associated Herpesvirus, but Not Epstein-Barr Virus, Co-infection Associates With Coronavirus Disease 2019 Severity and Outcome in South African Patients. Frontiers in Microbiology, 2021, 12, 795555. | 3.5 | 9 |
| 14 | Escape from recognition of SARS-CoV-2 Beta variant spike epitopes but overall preservation of T cell immunity.. Science Translational Medicine, 2021, , eabj6824. | 12.4 | 11 |
| 15 | Tuberculosis Antigen-Specific T-Cell Responses During the First 6 Months of Antiretroviral Treatment. Journal of Infectious Diseases, 2020, 221, 162-167. | 4.0 | 9 |
| 16 | Disease extent and antiâ€tubercular treatment response correlates with Mycobacterium tuberculosisâ€specific CD4 Tâ€cell phenotype regardless of HIVâ€1 status. Clinical and Translational Immunology, 2020, 9, e1176. | 3.8 | 37 |
| 17 | Immune Responses to Mycobacterium tuberculosis and the Impact of HIV Infection. , 2019, , 57-72. | | 1 |
| 18 | The Immune Response toMycobacterium tuberculosisin HIV-1-Coinfected Persons. Annual Review of Immunology, 2018, 36, 603-638. | 21.8 | 85 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | The effect of antiretroviral treatment on selected genes in whole blood from HIV-infected adults sensitised by Mycobacterium tuberculosis. PLoS ONE, 2018, 13, e0209516. | 2.5 | 3 |
| 20 | Host resistance to pulmonary Mycobacterium tuberculosis infection requires CD153 expression. Nature Microbiology, 2018, 3, 1198-1205. | 13.3 | 48 |
| 21 | Residual T cell activation and skewed CD8+ T cell memory differentiation despite antiretroviral therapy-induced HIV suppression. Clinical Immunology, 2018, 195, 127-138. | 3.2 | 22 |
| 22 | Effect of Antiretroviral Therapy on the Memory and Activation Profiles of B Cells in HIV-Infected African Women. Journal of Immunology, 2017, 198, 1220-1228. | 0.8 | 18 |
| 23 | Effect of HIV on the Frequency and Number of Mycobacterium tuberculosisâ€“Specific CD4+ T Cells in Blood and Airways During Latent M. tuberculosis Infection. Journal of Infectious Diseases, 2017, 216, 1550-1560. | 4.0 | 28 |
| 24 | Characterization of Mycobacterium tuberculosisâ€“Specific Cells Using MHC Class II Tetramers Reveals Phenotypic Differences Related to HIV Infection and Tuberculosis Disease. Journal of Immunology, 2017, 199, 2440-2450. | 0.8 | 40 |
| 25 | Analysis of the Phenotype of Mycobacterium tuberculosis-Specific CD4+ T Cells to Discriminate Latent from Active Tuberculosis in HIV-Uninfected and HIV-Infected Individuals. Frontiers in Immunology, 2017, 8, 968. | 4.8 | 89 |
| 26 | HIV Skews the Lineage-Defining Transcriptional Profile of Mycobacterium tuberculosisâ€“Specific CD4+ T Cells. Journal of Immunology, 2016, 196, 3006-3018. | 0.8 | 27 |
| 27 | Selective reduction of IFN-Î³ single positive mycobacteria-specific CD4+ T cells in HIV-1 infected individuals with latent tuberculosis infection. Tuberculosis, 2016, 101, 25-30. | 1.9 | 19 |
| 28 | Teaching advanced flow cytometry in Africa: 10 years of lessons learned. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2016, 89, 971-974. | 1.5 | 2 |
| 29 | Activation Profile of Mycobacterium tuberculosisâ€“Specific CD4<sup>+</sup> T Cells Reflects Disease Activity Irrespective of HIV Status. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 1307-1310. | 5.6 | 60 |
| 30 | Restoration of CD4+ Responses to Copathogens in HIV-Infected Individuals on Antiretroviral Therapy Is Dependent on T Cell Memory Phenotype. Journal of Immunology, 2015, 195, 2273-2281. | 0.8 | 24 |
| 31 | Evaluating potential T-cell epitope peptides for detecting HIV-specific T cell responses in a highly diverse HIV-1 epidemic from Cameroon. Aids, 2015, 29, 635-639. | 2.2 | 2 |
| 32 | Differential Impact of Magnitude, Polyfunctional Capacity, and Specificity of HIV-Specific CD8 <sup>+</sup> T Cell Responses on HIV Set Point. Journal of Virology, 2014, 88, 1819-1824. | 3.4 | 36 |
| 33 | Maturation of Innate Responses to Mycobacteria over the First Nine Months of Life. Journal of Immunology, 2014, 192, 4833-4843. | 0.8 | 33 |
| 34 | A Subset of Circulating Blood Mycobacteria-Specific CD4 T Cells Can Predict the Time to Mycobacterium tuberculosis Sputum Culture Conversion. PLoS ONE, 2014, 9, e102178. | 2.5 | 30 |
| 35 | Programmed Death-1 Is a Marker for Abnormal Distribution of Naive/Memory T Cell Subsets in HIV-1 Infection. Journal of Immunology, 2013, 191, 2194-2204. | 0.8 | 81 |
| 36 | Vertical T cell immunodominance and epitope entropy determine HIV-1 escape. Journal of Clinical Investigation, 2013, 123, 380-93. | 8.2 | 165 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Distinct Kinetics of Gag-Specific CD4+ and CD8+ T Cell Responses during Acute HIV-1 Infection. Journal of Immunology, 2012, 188, 2198-2206. | 0.8 | 24 |
| 38 | Increased Memory Differentiation Is Associated with Decreased Polyfunctionality for HIV but Not for Cytomegalovirus-Specific CD8+T Cells. Journal of Immunology, 2012, 189, 3838-3847. | 0.8 | 18 |
| 39 | Effect of Standard Tuberculosis Treatment on Plasma Cytokine Levels in Patients with Active Pulmonary Tuberculosis. PLoS ONE, 2012, 7, e36886. | 2.5 | 81 |
| 40 | Fluidity of HIV-1-Specific T-Cell Responses during Acute and Early Subtype C HIV-1 Infection and Associations with Early Disease Progression. Journal of Virology, 2010, 84, 12018-12029. | 3.4 | 26 |
| 41 | A Steady State of CD4+ T Cell Memory Maturation and Activation Is Established during Primary Subtype C HIV-1 Infection. Journal of Immunology, 2010, 184, 4926-4935. | 0.8 | 23 |
| 42 | Association of HIV-Specific and Total CD8+ T Memory Phenotypes in Subtype C HIV-1 Infection with Viral Set Point. Journal of Immunology, 2009, 182, 4751-4761. | 0.8 | 75 |
| 43 | Human Immunodeficiency Virus-Specific Gamma Interferon Enzyme-Linked Immunospot Assay Responses Targeting Specific Regions of the Proteome during Primary Subtype C Infection Are Poor Predictors of the Course of Viremia and Set Point. Journal of Virology, 2009, 83, 470-478. | 3.4 | 63 |
| 44 | Transcription factor FOXO3a controls the persistence of memory CD4+ T cells during HIV infection. Nature Medicine, 2008, 14, 266-274. | 30.7 | 139 |
| 45 | Convergence of TCR and cytokine signaling leads to FOXO3a phosphorylation and drives the survival of CD4+ central memory T cells. Journal of Experimental Medicine, 2007, 204, 79-91. | 8.5 | 199 |
| 46 | IL-4 influences the differentiation and the susceptibility to activation-induced cell death of human naive CD8+ T cells. International Immunology, 2006, 18, 827-835. | 4.0 | 18 |
| 47 | Synergistic Regulation of Immunoreceptor Signaling by SLP-76-Related Adaptor Clnk and Serine/Threonine Protein Kinase HPK-1. Molecular and Cellular Biology, 2001, 21, 6102-6112. | 2.3 | 49 |
| 48 | Susceptibility of Differentiated Thyrocytes in Primary Culture to Undergo Apoptosis after Exposure to Hydrogen Peroxide: Relation with the Level of Expression of Apoptosis Regulatory Proteins, Bcl-2 and Bax*. Endocrinology, 1999, 140, 1990-1997. | 2.8 | 30 |
| 49 | Cellular immunity in HIV: a synthesis of responses to preserve self. , 0, , 127-154. | | 0 |
| 50 | Characterization of Mycobacterium tuberculosisâ€“Specific Th22 Cells and the Effect of Tuberculosis Disease and HIV Coinfection. Journal of Immunology, 0, , ji2200140. | 0.8 | 2 |