

AurÃ©lien Corneau

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7790122/publications.pdf>

Version: 2024-02-01

23
papers

4,872
citations

623188

14
h-index

610482

24
g-index

25
all docs

25
docs citations

25
times ranked

12856
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Impaired type I interferon activity and inflammatory responses in severe COVID-19 patients. <i>Science</i> , 2020, 369, 718-724. | 6.0 | 2,374 |
| 2 | Inborn errors of type I IFN immunity in patients with life-threatening COVID-19. <i>Science</i> , 2020, 370, . | 6.0 | 1,749 |
| 3 | High-Dimensional Single-Cell Cartography Reveals Novel Skeletal Muscle-Resident Cell Populations. <i>Molecular Cell</i> , 2019, 74, 609-621.e6. | 4.5 | 271 |
| 4 | Plasmacytoid Dendritic Cell Dynamics Tune Interferon-Alpha Production in SIV-Infected Cynomolgus Macaques. <i>PLoS Pathogens</i> , 2014, 10, e1003915. | 2.1 | 63 |
| 5 | Evaluating the efficiency of isotope transmission for improved panel design and a comparison of the detection sensitivities of mass cytometer instruments. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2015, 87, 357-368. | 1.1 | 63 |
| 6 | Semen CD4+ T Cells and Macrophages Are Productively Infected at All Stages of SIV infection in Macaques. <i>PLoS Pathogens</i> , 2013, 9, e1003810. | 2.1 | 50 |
| 7 | Comprehensive Mass Cytometry Analysis of Cell Cycle, Activation, and Coinhibitory Receptors Expression in CD4 T Cells from Healthy and HIV-Infected Individuals. <i>Cytometry Part B - Clinical Cytometry</i> , 2017, 92, 21-32. | 0.7 | 44 |
| 8 | A monocyte/dendritic cell molecular signature of SARS-CoV-2-related multisystem inflammatory syndrome in children with severe myocarditis. <i>Med</i> , 2021, 2, 1072-1092.e7. | 2.2 | 38 |
| 9 | Immune checkpoint inhibitors increase T cell immunity during SARS-CoV-2 infection. <i>Science Advances</i> , 2021, 7, . | 4.7 | 27 |
| 10 | Analysis of cell surface and intranuclear markers on non-stimulated human PBMC using mass cytometry. <i>PLoS ONE</i> , 2018, 13, e0194593. | 1.1 | 26 |
| 11 | Immune landscape after allo-HSCT: TIGIT- and CD161-expressing CD4 T cells are associated with subsequent leukemia relapse. <i>Blood</i> , 2022, 140, 1305-1321. | 0.6 | 23 |
| 12 | Long-Term Control of Simian Immunodeficiency Virus (SIV) in Cynomolgus Macaques Not Associated with Efficient SIV-Specific CD8 ⁺ T-Cell Responses. <i>Journal of Virology</i> , 2015, 89, 3542-3556. | 1.5 | 21 |
| 13 | CD8 ⁺ T-bet ⁺ cells as a predominant biomarker for inclusion body myositis. <i>Autoimmunity Reviews</i> , 2019, 18, 325-333. | 2.5 | 21 |
| 14 | A novel combination of chemotherapy and immunotherapy controls tumor growth in mice with a human immune system. <i>Oncolimmunology</i> , 2019, 8, e1596005. | 2.1 | 18 |
| 15 | Phenotyping of tumor infiltrating immune cells using mass-cytometry (CyTOF). <i>Methods in Enzymology</i> , 2020, 632, 339-368. | 0.4 | 17 |
| 16 | CD8 ⁺ PD-L1 ⁺ CXCR3 ⁺ polyfunctional T cell abundances are associated with survival in critical SARS-CoV-2-infected patients. <i>JCI Insight</i> , 2021, 6, . | 2.3 | 16 |
| 17 | A negative feedback loop between fibroadipogenic progenitors and muscle fibres involving endothelin promotes human muscle fibrosis. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, 13, 1771-1784. | 2.9 | 13 |
| 18 | Progressive and Coordinated Mobilization of the Skeletal Muscle Niche throughout Tissue Repair Revealed by Single-Cell Proteomic Analysis. <i>Cells</i> , 2021, 10, 744. | 1.8 | 10 |

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|----|--|-----|-----------|
| 19 | Immune phenotyping of Erdheim-Chester disease through mass cytometry highlights decreased proportion of non-classical monocytes and increased proportion of Th17 cells. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 1522-1524. | 0.5 | 6 |
| 20 | Mass Cytometry: a robust platform for the comprehensive immunomonitoring of CAR-T cell therapies. <i>British Journal of Haematology</i> , 2021, 194, 788-792. | 1.2 | 5 |
| 21 | NK Cell Responses in Zika Virus Infection Are Biased towards Cytokine-Mediated Effector Functions. <i>Journal of Immunology</i> , 2021, 207, 1333-1343. | 0.4 | 5 |
| 22 | Operational tolerance after hematopoietic stem cell transplantation is characterized by distinct transcriptional, phenotypic, and metabolic signatures. <i>Science Translational Medicine</i> , 2022, 14, eabg3083. | 5.8 | 5 |
| 23 | Naive and memory CD4+ T cell subsets can contribute to the generation of human Tfh cells. <i>Science</i> , 2021, 25, 103566. | 1.9 | 3 |