

Christophe BÃ©cavin

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

4,412
citations

361045

20
h-index

552369

26
g-index

35
all docs

35
docs citations

35
times ranked

10425
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | SARS-CoV-2 entry factors are highly expressed in nasal epithelial cells together with innate immune genes. <i>Nature Medicine</i> , 2020, 26, 681-687. | 15.2 | 2,182 |
| 2 | A Single-Cell Atlas of the Human Healthy Airways. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 1636-1645. | 2.5 | 282 |
| 3 | Comparative transcriptomics of pathogenic and non-pathogenic <i>Listeria</i> species. <i>Molecular Systems Biology</i> , 2012, 8, 583. | 3.2 | 269 |
| 4 | Single-cell meta-analysis of SARS-CoV-2 entry genes across tissues and demographics. <i>Nature Medicine</i> , 2021, 27, 546-559. | 15.2 | 261 |
| 5 | Comparison of Widely Used <i>Listeria monocytogenes</i> Strains EGD, 10403S, and EGD-e Highlights Genomic Differences Underlying Variations in Pathogenicity. <i>MBio</i> , 2014, 5, e00969-14. | 1.8 | 201 |
| 6 | Genome-wide CRISPR-dCas9 screens in <i>E. coli</i> identify essential genes and phage host factors. <i>PLoS Genetics</i> , 2018, 14, e1007749. | 1.5 | 163 |
| 7 | Impact of lactobacilli on orally acquired listeriosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 16684-16689. | 3.3 | 111 |
| 8 | A riboswitch-regulated antisense RNA in <i>Listeria monocytogenes</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13132-13137. | 3.3 | 106 |
| 9 | The Intestinal Microbiota Interferes with the microRNA Response upon Oral <i>Listeria</i> Infection. <i>MBio</i> , 2013, 4, e00707-13. | 1.8 | 72 |
| 10 | N-terminomics identifies Prli42 as a membrane miniprotein conserved in Firmicutes and critical for stressosome activation in <i>Listeria monocytogenes</i> . <i>Nature Microbiology</i> , 2017, 2, 17005. | 5.9 | 70 |
| 11 | Multiparameter single-cell profiling of human CD4+FOXP3+ regulatory T-cell populations in homeostatic conditions and during graft-versus-host disease. <i>Blood</i> , 2013, 122, 1802-1812. | 0.6 | 64 |
| 12 | Impact of the gut microbiota on the m6A epitranscriptome of mouse cecum and liver. <i>Nature Communications</i> , 2020, 11, 1344. | 5.8 | 59 |
| 13 | An RNA-Binding Protein Secreted by a Bacterial Pathogen Modulates RIG-I Signaling. <i>Cell Host and Microbe</i> , 2019, 26, 823-835.e11. | 5.1 | 55 |
| 14 | Genome-Wide Transcriptional Start Site Mapping and sRNA Identification in the Pathogen <i>Leptospira interrogans</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 10. | 1.8 | 45 |
| 15 | Improving the efficiency of multidimensional scaling in the analysis of high-dimensional data using singular value decomposition. <i>Bioinformatics</i> , 2011, 27, 1413-1421. | 1.8 | 43 |
| 16 | Listerionics: an Interactive Web Platform for Systems Biology of <i>Listeria</i> . <i>MSystems</i> , 2017, 2, . | 1.7 | 37 |
| 17 | Evidence of IL-17, IP-10, and IL-10 involvement in multiple-organ dysfunction and IL-17 pathway in acute renal failure associated to <i>Plasmodium falciparum</i> malaria. <i>Journal of Translational Medicine</i> , 2015, 13, 369. | 1.8 | 27 |
| 18 | IgG Autoantibody to Brain Beta Tubulin III Associated with Cytokine Cluster-II Discriminate Cerebral Malaria in Central India. <i>PLoS ONE</i> , 2009, 4, e8245. | 1.1 | 25 |

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|----|--|-----|-----------|
| 19 | Transcription within Condensed Chromatin: Steric Hindrance Facilitates Elongation. <i>Biophysical Journal</i> , 2010, 98, 824-833. | 0.2 | 24 |
| 20 | Asymptomatic <i>Plasmodium falciparum</i> infection in children is associated with increased auto-antibody production, high IL-10 plasma levels and antibodies to merozoite surface protein 3. <i>Malaria Journal</i> , 2015, 14, 162. | 0.8 | 23 |
| 21 | Specific mutations in H5N1 mainly impact the magnitude and velocity of the host response in mice. <i>BMC Systems Biology</i> , 2013, 7, 69. | 3.0 | 20 |
| 22 | HMGA1-dependent and independent 7SK RNA gene regulatory activity. <i>RNA Biology</i> , 2011, 8, 143-157. | 1.5 | 19 |
| 23 | Unraveling the evolution and coevolution of small regulatory RNAs and coding genes in <i>Listeria</i> . <i>BMC Genomics</i> , 2017, 18, 882. | 1.2 | 18 |
| 24 | The condensed chromatin fiber: an allosteric chemo-mechanical machine for signal transduction and genome processing. <i>Physical Biology</i> , 2012, 9, 013001. | 0.8 | 12 |
| 25 | New dimensionality reduction methods for the representation of high dimensional omics data. <i>Expert Review of Molecular Diagnostics</i> , 2011, 11, 27-34. | 1.5 | 9 |
| 26 | Bacnet: a user-friendly platform for building multi-omics websites. <i>Bioinformatics</i> , 2021, 37, 1335-1336. | 1.8 | 1 |
| 27 | Auto-antibodies targeting brain antigens in <i>Plasmodium falciparum</i> infected patients as biomarkers of Cerebral Malaria. <i>Malaria Journal</i> , 2010, 9, . | 0.8 | 0 |
| 28 | Single-cell gene profiling of human regulatory T cell subsets in human graft-versus-host disease. <i>Journal of Translational Medicine</i> , 2011, 9, . | 1.8 | 0 |