

Christophe BÃ©cavin

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

4,412
citations

361413

20
h-index

552781

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.	30.7	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.	5.6	282
3	Comparative transcriptomics of pathogenic and non-pathogenic <i>Listeria</i> species. <i>Molecular Systems Biology</i> , 2012, 8, 583.	7.2	269
4	Single-cell meta-analysis of SARS-CoV-2 entry genes across tissues and demographics. <i>Nature Medicine</i> , 2021, 27, 546-559.	30.7	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.	4.1	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.	3.5	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.	7.1	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.	7.1	106
9	The Intestinal Microbiota Interferes with the microRNA Response upon Oral <i>Listeria</i> Infection. <i>MBio</i> , 2013, 4, e00707-13.	4.1	72
10	N-terminomics identifies Pli42 as a membrane miniprotein conserved in Firmicutes and critical for stressosome activation in <i>Listeria monocytogenes</i> . <i>Nature Microbiology</i> , 2017, 2, 17005.	13.3	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.	1.4	64
12	Impact of the gut microbiota on the m6A epitranscriptome of mouse cecum and liver. <i>Nature Communications</i> , 2020, 11, 1344.	12.8	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.	11.0	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.	3.9	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.	4.1	43
16	Listerionics: an Interactive Web Platform for Systems Biology of <i>Listeria</i> . <i>MSystems</i> , 2017, 2, .	3.8	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.	4.4	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.	2.5	25

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19	Transcription within Condensed Chromatin: Steric Hindrance Facilitates Elongation. <i>Biophysical Journal</i> , 2010, 98, 824-833.	0.5	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.	2.3	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.	3.1	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.	2.8	18
24	The condensed chromatin fiber: an allosteric chemo-mechanical machine for signal transduction and genome processing. <i>Physical Biology</i> , 2012, 9, 013001.	1.8	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.	3.1	9
26	Bacnet: a user-friendly platform for building multi-omics websites. <i>Bioinformatics</i> , 2021, 37, 1335-1336.	4.1	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, .	2.3	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, .	4.4	0