

Christophe Bcavin

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30
papers

3,021
citations

21
h-index

35
g-index

35
ext. papers

4,037
ext. citations

10.9
avg, IF

5.3
L-index

#	Paper	IF	Citations
30	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	50.5	1502
29	Comparative transcriptomics of pathogenic and non-pathogenic <i>Listeria</i> species. <i>Molecular Systems Biology</i> , 2012 , 8, 583	12.2	198
28	Comparison of widely used <i>Listeria monocytogenes</i> strains EGD, 10403S, and EGD-e highlights genomic variations underlying differences in pathogenicity. <i>MBio</i> , 2014 , 5, e00969-14	7.8	140
27	Integrated analyses of single-cell atlases reveal age, gender, and smoking status associations with cell type-specific expression of mediators of SARS-CoV-2 viral entry and highlights inflammatory programs in putative target cells		107
26	A Single-Cell Atlas of the Human Healthy Airways. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 202, 1636-1645	10.2	95
25	Impact of lactobacilli on orally acquired listeriosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 16684-9	11.5	94
24	Single-cell meta-analysis of SARS-CoV-2 entry genes across tissues and demographics. <i>Nature Medicine</i> , 2021 , 27, 546-559	50.5	91
23	Genome-wide CRISPR-dCas9 screens in <i>E. coli</i> identify essential genes and phage host factors. <i>PLoS Genetics</i> , 2018 , 14, e1007749	6	87
22	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, 13132-7	11.5	82
21	Single-cell gene profiling of human regulatory T cell subsets in human graft-versus-host disease. <i>Journal of Translational Medicine</i> , 2011 , 9,	8.5	78
20	Auto-antibodies targeting brain antigens in <i>Plasmodium falciparum</i> infected patients as biomarkers of Cerebral Malaria. <i>Malaria Journal</i> , 2010 , 9,	3.6	78
19	The intestinal microbiota interferes with the microRNA response upon oral <i>Listeria</i> infection. <i>MBio</i> , 2013 , 4, e00707-13	7.8	64
18	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	26.6	53
17	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, 1802-12	2.2	52
16	Improving the efficiency of multidimensional scaling in the analysis of high-dimensional data using singular value decomposition. <i>Bioinformatics</i> , 2011 , 27, 1413-21	7.2	36
15	Impact of the gut microbiota on the mA epitranscriptome of mouse cecum and liver. <i>Nature Communications</i> , 2020 , 11, 1344	17.4	32
14	Genome-Wide Transcriptional Start Site Mapping and sRNA Identification in the Pathogen. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017 , 7, 10	5.9	28

13	Listerionics: an Interactive Web Platform for Systems Biology of. <i>MSystems</i> , 2017 , 2,	7.6	26
12	An RNA-Binding Protein Secreted by a Bacterial Pathogen Modulates RIG-I Signaling. <i>Cell Host and Microbe</i> , 2019 , 26, 823-835.e11	23.4	25
11	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	3.7	23
10	Transcription within condensed chromatin: Steric hindrance facilitates elongation. <i>Biophysical Journal</i> , 2010 , 98, 824-33	2.9	22
9	HMGA1-dependent and independent 7SK RNA gene regulatory activity. <i>RNA Biology</i> , 2011 , 8, 143-57	4.8	18
8	Specific mutations in H5N1 mainly impact the magnitude and velocity of the host response in mice. <i>BMC Systems Biology</i> , 2013 , 7, 69	3.5	17
7	Asymptomatic Plasmodium falciparum 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	3.6	17
6	Evidence of IL-17, IP-10, and IL-10 involvement in multiple-organ dysfunction and IL-17 pathway in acute renal failure associated to Plasmodium falciparum malaria. <i>Journal of Translational Medicine</i> , 2015 , 13, 369	8.5	15
5	Unraveling the evolution and coevolution of small regulatory RNAs and coding genes in Listeria. <i>BMC Genomics</i> , 2017 , 18, 882	4.5	12
4	The condensed chromatin fiber: an allosteric chemo-mechanical machine for signal transduction and genome processing. <i>Physical Biology</i> , 2012 , 9, 013001	3	12
3	New dimensionality reduction methods for the representation of high dimensional XomicsXdata. <i>Expert Review of Molecular Diagnostics</i> , 2011 , 11, 27-34	3.8	9
2	Genome-wide CRISPR-Cas9 screen in E. coli identifies design rules for efficient targeting		1
1	Bacnet: a user-friendly platform for building multi-omics websites. <i>Bioinformatics</i> , 2021 , 37, 1335-1336	7.2	1