

# Christophe Bcavin

## List of Publications by Year in Descending Order

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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	Single-cell meta-analysis of SARS-CoV-2 entry genes across tissues and demographics. <i>Nature Medicine</i> , <b>2021</b> , 27, 546-559	50.5	91
29	Bacnet: a user-friendly platform for building multi-omics websites. <i>Bioinformatics</i> , <b>2021</b> , 37, 1335-1336	7.2	1
28	Impact of the gut microbiota on the mA epitranscriptome of mouse cecum and liver. <i>Nature Communications</i> , <b>2020</b> , 11, 1344	17.4	32
27	SARS-CoV-2 entry factors are highly expressed in nasal epithelial cells together with innate immune genes. <i>Nature Medicine</i> , <b>2020</b> , 26, 681-687	50.5	1502
26	A Single-Cell Atlas of the Human Healthy Airways. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 202, 1636-1645	10.2	95
25	An RNA-Binding Protein Secreted by a Bacterial Pathogen Modulates RIG-I Signaling. <i>Cell Host and Microbe</i> , <b>2019</b> , 26, 823-835.e11	23.4	25
24	Genome-wide CRISPR-dCas9 screens in E. coli identify essential genes and phage host factors. <i>PLoS Genetics</i> , <b>2018</b> , 14, e1007749	6	87
23	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> , <b>2017</b> , 2, 17005	26.6	53
22	Listerionomics: an Interactive Web Platform for Systems Biology of. <i>MSystems</i> , <b>2017</b> , 2,	7.6	26
21	Unraveling the evolution and coevolution of small regulatory RNAs and coding genes in <i>Listeria</i> . <i>BMC Genomics</i> , <b>2017</b> , 18, 882	4.5	12
20	Genome-Wide Transcriptional Start Site Mapping and sRNA Identification in the Pathogen. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2017</b> , 7, 10	5.9	28
19	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> , <b>2015</b> , 13, 369	8.5	15
18	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> , <b>2015</b> , 14, 162	3.6	17
17	Comparison of widely used <i>Listeria monocytogenes</i> strains EGD, 10403S, and EGD-e highlights genomic variations underlying differences in pathogenicity. <i>MBio</i> , <b>2014</b> , 5, e00969-14	7.8	140
16	Specific mutations in H5N1 mainly impact the magnitude and velocity of the host response in mice. <i>BMC Systems Biology</i> , <b>2013</b> , 7, 69	3.5	17
15	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> , <b>2013</b> , 110, 13132-7	11.5	82
14	The intestinal microbiota interferes with the microRNA response upon oral <i>Listeria</i> infection. <i>MBio</i> , <b>2013</b> , 4, e00707-13	7.8	64

13	Multiparameter single-cell profiling of human CD4+FOXP3+ regulatory T-cell populations in homeostatic conditions and during graft-versus-host disease. <i>Blood</i> , <b>2013</b> , 122, 1802-12	2.2	52
12	The condensed chromatin fiber: an allosteric chemo-mechanical machine for signal transduction and genome processing. <i>Physical Biology</i> , <b>2012</b> , 9, 013001	3	12
11	Comparative transcriptomics of pathogenic and non-pathogenic <i>Listeria</i> species. <i>Molecular Systems Biology</i> , <b>2012</b> , 8, 583	12.2	198
10	Impact of lactobacilli on orally acquired listeriosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 16684-9	11.5	94
9	HMGA1-dependent and independent 7SK RNA gene regulatory activity. <i>RNA Biology</i> , <b>2011</b> , 8, 143-57	4.8	18
8	Single-cell gene profiling of human regulatory T cell subsets in human graft-versus-host disease. <i>Journal of Translational Medicine</i> , <b>2011</b> , 9,	8.5	78
7	Improving the efficiency of multidimensional scaling in the analysis of high-dimensional data using singular value decomposition. <i>Bioinformatics</i> , <b>2011</b> , 27, 1413-21	7.2	36
6	New dimensionality reduction methods for the representation of high dimensional XomicsXdata. <i>Expert Review of Molecular Diagnostics</i> , <b>2011</b> , 11, 27-34	3.8	9
5	Transcription within condensed chromatin: Steric hindrance facilitates elongation. <i>Biophysical Journal</i> , <b>2010</b> , 98, 824-33	2.9	22
4	Auto-antibodies targeting brain antigens in <i>Plasmodium falciparum</i> infected patients as biomarkers of Cerebral Malaria. <i>Malaria Journal</i> , <b>2010</b> , 9,	3.6	78
3	IgG autoantibody to brain beta tubulin III associated with cytokine cluster-II discriminate cerebral malaria in central India. <i>PLoS ONE</i> , <b>2009</b> , 4, e8245	3.7	23
2	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
1	Genome-wide CRISPR-Cas9 screen in <i>E. coli</i> identifies design rules for efficient targeting		1