

Vincent L Butty

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.

35
papers

1,998
citations

20
h-index

42
g-index

42
ext. papers

2,593
ext. citations

11.4
avg, IF

4.29
L-index

#	Paper	IF	Citations
35	Braveheart, a long noncoding RNA required for cardiovascular lineage commitment. <i>Cell</i> , 2013 , 152, 570-83	36.2	701
34	Single-cell transcriptomic profiling of the aging mouse brain. <i>Nature Neuroscience</i> , 2019 , 22, 1696-1708	25.5	152
33	Digital genotyping and haplotyping with polymerase colonies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 5926-31	11.5	130
32	Altered natural killer cells in type 1 diabetic patients. <i>Diabetes</i> , 2007 , 56, 177-85	0.9	114
31	Transcriptional reversion of cardiac myocyte fate during mammalian cardiac regeneration. <i>Circulation Research</i> , 2015 , 116, 804-15	15.7	97
30	Ketone Body Signaling Mediates Intestinal Stem Cell Homeostasis and Adaptation to Diet. <i>Cell</i> , 2019 , 178, 1115-1131.e15	56.2	91
29	Multiplexed DNA repair assays for multiple lesions and multiple doses via transcription inhibition and transcriptional mutagenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E1823-32	11.5	80
28	Genomic mapping of phosphorothioates reveals partial modification of short consensus sequences. <i>Nature Communications</i> , 2014 , 5, 3951	17.4	70
27	Gut-Liver Physiomimetics Reveal Paradoxical Modulation of IBD-Related Inflammation by Short-Chain Fatty Acids. <i>Cell Systems</i> , 2020 , 10, 223-239.e9	10.6	66
26	Transcriptional analysis of murine macrophages infected with different <i>Toxoplasma</i> strains identifies novel regulation of host signaling pathways. <i>PLoS Pathogens</i> , 2013 , 9, e1003779	7.6	66
25	Methods for time series analysis of RNA-seq data with application to human Th17 cell differentiation. <i>Bioinformatics</i> , 2014 , 30, i113-20	7.2	47
24	H2A.Z acidic patch couples chromatin dynamics to regulation of gene expression programs during ESC differentiation. <i>PLoS Genetics</i> , 2013 , 9, e1003725	6	38
23	Signatures of strong population differentiation shape extended haplotypes across the human CD28, CTLA4, and ICOS costimulatory genes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 570-5	11.5	37
22	An Adaptable Platform for Directed Evolution in Human Cells. <i>Journal of the American Chemical Society</i> , 2018 , 140, 18093-18103	16.4	29
21	A broad analysis of IL1 polymorphism and rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2008 , 58, 1947-57		27
20	Three Dense Granule Proteins Are Required for Induction of Lewis Rat Macrophage Pyroptosis. <i>MBio</i> , 2019 , 10,	7.8	27
19	Impact of diabetes susceptibility loci on progression from pre-diabetes to diabetes in at-risk individuals of the diabetes prevention trial-type 1 (DPT-1). <i>Diabetes</i> , 2008 , 57, 2348-59	0.9	23

18	Host proteostasis modulates influenza evolution. <i>ELife</i> , 2017 , 6,	8.9	22
17	Global transcriptional regulation of innate immunity by ATF-7 in <i>C. elegans</i> . <i>PLoS Genetics</i> , 2019 , 15, e1007830	20	20
16	H3K27me3-mediated silencing of structural genes is required for zebrafish heart regeneration. <i>Development (Cambridge)</i> , 2019 , 146,	6.6	20
15	Transcriptional and Linkage Analyses Identify Loci that Mediate the Differential Macrophage Response to Inflammatory Stimuli and Infection. <i>PLoS Genetics</i> , 2015 , 11, e1005619	6	15
14	Geometry-dependent functional changes in iPSC-derived cardiomyocytes probed by functional imaging and RNA sequencing. <i>PLoS ONE</i> , 2017 , 12, e0172671	3.7	14
13	A Method for Selective Depletion of Zn(II) Ions from Complex Biological Media and Evaluation of Cellular Consequences of Zn(II) Deficiency. <i>Journal of the American Chemical Society</i> , 2018 , 140, 2413-2416	16.4	14
12	Failed Progenitor Specification Underlies the Cardiopharyngeal Phenotypes in a Zebrafish Model of 22q11.2 Deletion Syndrome. <i>Cell Reports</i> , 2018 , 24, 1342-1354.e5	10.6	14
11	Polycomb Repressive Complex 2 regulates lineage fidelity during embryonic stem cell differentiation. <i>PLoS ONE</i> , 2014 , 9, e110498	3.7	14
10	Destabilized adaptive influenza variants critical for innate immune system escape are potentiated by host chaperones. <i>PLoS Biology</i> , 2018 , 16, e3000008	9.7	14
9	Alternative RNA splicing in the endothelium mediated in part by Rbfox2 regulates the arterial response to low flow. <i>ELife</i> , 2018 , 7,	8.9	14
8	The genetic basis for individual differences in mRNA splicing and APOBEC1 editing activity in murine macrophages. <i>Genome Research</i> , 2014 , 24, 377-89	9.7	12
7	Enhanced ER proteostasis and temperature differentially impact the mutational tolerance of influenza hemagglutinin. <i>ELife</i> , 2018 , 7,	8.9	11
6	Galectin-3 Regulates Herpesvirus Specific CD8 ⁺ T Cell Immunity. <i>IScience</i> , 2018 , 9, 101-119	6.1	11
5	Single-cell transcriptomics of the aged mouse brain reveals convergent, divergent and unique aging signatures	4	4
4	HSF1 Activation Can Restrict HIV Replication. <i>ACS Infectious Diseases</i> , 2020 , 6, 1659-1666	5.5	1
3	High-throughput Miniatuized RNA-Seq Library Preparation. <i>Journal of Biomolecular Techniques</i> , 2020 , 31, 151-156	1.1	1
2	Cross-Site Comparison of Ribosomal Depletion Kits for Illumina RNAseq Library Construction		1
1	The endoplasmic reticulum proteostasis network profoundly shapes the protein sequence space accessible to HIV envelope.. <i>PLoS Biology</i> , 2022 , 20, e3001569	9.7	1

