

# Vincent L Butty

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7742493/publications.pdf>

Version: 2024-02-01

34  
papers

3,048  
citations

331670

21  
h-index

377865

34  
g-index

42  
all docs

42  
docs citations

42  
times ranked

5566  
citing authors

#	ARTICLE	IF	CITATIONS
1	Braveheart, a Long Noncoding RNA Required for Cardiovascular Lineage Commitment. <i>Cell</i> , 2013, 152, 570-583.	28.9	839
2	Single-cell transcriptomic profiling of the aging mouse brain. <i>Nature Neuroscience</i> , 2019, 22, 1696-1708.	14.8	432
3	Ketone Body Signaling Mediates Intestinal Stem Cell Homeostasis and Adaptation to Diet. <i>Cell</i> , 2019, 178, 1115-1131.e15.	28.9	231
4	Digital genotyping and haplotyping with polymerase colonies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 5926-5931.	7.1	141
5	Altered Natural Killer Cells in Type 1 Diabetic Patients. <i>Diabetes</i> , 2007, 56, 177-185.	0.6	135
6	Transcriptional Reversion of Cardiac Myocyte Fate During Mammalian Cardiac Regeneration. <i>Circulation Research</i> , 2015, 116, 804-815.	4.5	131
7	Gut-Liver Physiomimetics Reveal Paradoxical Modulation of IBD-Related Inflammation by Short-Chain Fatty Acids. <i>Cell Systems</i> , 2020, 10, 223-239.e9.	6.2	115
8	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.	7.1	114
9	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.	4.7	111
10	Genomic mapping of phosphorothioates reveals partial modification of short consensus sequences. <i>Nature Communications</i> , 2014, 5, 3951.	12.8	90
11	Methods for time series analysis of RNA-seq data with application to human Th17 cell differentiation. <i>Bioinformatics</i> , 2014, 30, i113-i120.	4.1	62
12	Three <i>Toxoplasma gondii</i> Dense Granule Proteins Are Required for Induction of Lewis Rat Macrophage Pyroptosis. <i>MBio</i> , 2019, 10, .	4.1	59
13	Global transcriptional regulation of innate immunity by ATF-7 in <i>C. elegans</i> . <i>PLoS Genetics</i> , 2019, 15, e1007830.	3.5	56
14	H2A.Z Acidic Patch Couples Chromatin Dynamics to Regulation of Gene Expression Programs during ESC Differentiation. <i>PLoS Genetics</i> , 2013, 9, e1003725.	3.5	53
15	An Adaptable Platform for Directed Evolution in Human Cells. <i>Journal of the American Chemical Society</i> , 2018, 140, 18093-18103.	13.7	52
16	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, 570-575.	7.1	40
17	Host proteostasis modulates influenza evolution. <i>ELife</i> , 2017, 6, .	6.0	34
18	H3K27me3-mediated silencing of structural genes is required for zebrafish heart regeneration. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	33

#	ARTICLE	IF	CITATIONS
19	A broad analysis of <i>IL1</i> polymorphism and rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2008, 58, 1947-1957.	6.7	31
20	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, 2348-2359.	0.6	31
21	Destabilized adaptive influenza variants critical for innate immune system escape are potentiated by host chaperones. <i>PLoS Biology</i> , 2018, 16, e3000008.	5.6	28
22	Galectin-3 Regulates $\beta$ -Herpesvirus Specific CD8 <sup>+</sup> Cell Immunity. <i>IScience</i> , 2018, 9, 101-119.	4.1	25
23	Alternative RNA splicing in the endothelium mediated in part by <i>Rbfox2</i> regulates the arterial response to low flow. <i>ELife</i> , 2018, 7, .	6.0	25
24	Enhanced ER proteostasis and temperature differentially impact the mutational tolerance of influenza hemagglutinin. <i>ELife</i> , 2018, 7, .	6.0	25
25	Geometry-dependent functional changes in iPSC-derived cardiomyocytes probed by functional imaging and RNA sequencing. <i>PLoS ONE</i> , 2017, 12, e0172671.	2.5	23
26	Polycomb Repressive Complex 2 Regulates Lineage Fidelity during Embryonic Stem Cell Differentiation. <i>PLoS ONE</i> , 2014, 9, e110498.	2.5	22
27	Transcriptional and Linkage Analyses Identify Loci that Mediate the Differential Macrophage Response to Inflammatory Stimuli and Infection. <i>PLoS Genetics</i> , 2015, 11, e1005619.	3.5	21
28	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.	13.7	19
29	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.	6.4	18
30	The genetic basis for individual differences in mRNA splicing and APOBEC1 editing activity in murine macrophages. <i>Genome Research</i> , 2014, 24, 377-389.	5.5	13
31	Latent TGF $\beta$ -binding proteins 1 and 3 protect the larval zebrafish outflow tract from aneurysmal dilatation. <i>DMM Disease Models and Mechanisms</i> , 2022, 15, .	2.4	10
32	The endoplasmic reticulum proteostasis network profoundly shapes the protein sequence space accessible to HIV envelope. <i>PLoS Biology</i> , 2022, 20, e3001569.	5.6	7
33	HSF1 Activation Can Restrict HIV Replication. <i>ACS Infectious Diseases</i> , 2020, 6, 1659-1666.	3.8	6
34	High-throughput Miniatuized RNA-Seq Library Preparation. <i>Journal of Biomolecular Techniques</i> , 2020, 31, jbt.20-3104-004.	1.5	5