

Vincent L Butty

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

3,048
citations

331538

21
h-index

377752

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.	13.5	839
2	Single-cell transcriptomic profiling of the aging mouse brain. <i>Nature Neuroscience</i> , 2019, 22, 1696-1708.	7.1	432
3	Ketone Body Signaling Mediates Intestinal Stem Cell Homeostasis and Adaptation to Diet. <i>Cell</i> , 2019, 178, 1115-1131.e15.	13.5	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.	3.3	141
5	Altered Natural Killer Cells in Type 1 Diabetic Patients. <i>Diabetes</i> , 2007, 56, 177-185.	0.3	135
6	Transcriptional Reversion of Cardiac Myocyte Fate During Mammalian Cardiac Regeneration. <i>Circulation Research</i> , 2015, 116, 804-815.	2.0	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.	2.9	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.	3.3	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.	2.1	111
10	Genomic mapping of phosphorothioates reveals partial modification of short consensus sequences. <i>Nature Communications</i> , 2014, 5, 3951.	5.8	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.	1.8	62
12	Three <i>Toxoplasma gondii</i> Dense Granule Proteins Are Required for Induction of Lewis Rat Macrophage Pyroptosis. <i>MBio</i> , 2019, 10, .	1.8	59
13	Global transcriptional regulation of innate immunity by ATF-7 in <i>C. elegans</i> . <i>PLoS Genetics</i> , 2019, 15, e1007830.	1.5	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.	1.5	53
15	An Adaptable Platform for Directed Evolution in Human Cells. <i>Journal of the American Chemical Society</i> , 2018, 140, 18093-18103.	6.6	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.	3.3	40
17	Host proteostasis modulates influenza evolution. <i>ELife</i> , 2017, 6, .	2.8	34
18	H3K27me3-mediated silencing of structural genes is required for zebrafish heart regeneration. <i>Development (Cambridge)</i> , 2019, 146, .	1.2	33

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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.	0.3	31
21	Destabilized adaptive influenza variants critical for innate immune system escape are potentiated by host chaperones. <i>PLoS Biology</i> , 2018, 16, e3000008.	2.6	28
22	Galectin-3 Regulates β -Herpesvirus Specific CD8 ⁺ Cell Immunity. <i>IScience</i> , 2018, 9, 101-119.	1.9	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, .	2.8	25
24	Enhanced ER proteostasis and temperature differentially impact the mutational tolerance of influenza hemagglutinin. <i>ELife</i> , 2018, 7, .	2.8	25
25	Geometry-dependent functional changes in iPSC-derived cardiomyocytes probed by functional imaging and RNA sequencing. <i>PLoS ONE</i> , 2017, 12, e0172671.	1.1	23
26	Polycomb Repressive Complex 2 Regulates Lineage Fidelity during Embryonic Stem Cell Differentiation. <i>PLoS ONE</i> , 2014, 9, e110498.	1.1	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.	1.5	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.	6.6	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.	2.9	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.	2.4	13
31	Latent TGF β -binding proteins 1 and 3 protect the larval zebrafish outflow tract from aneurysmal dilatation. <i>DMM Disease Models and Mechanisms</i> , 2022, 15, .	1.2	10
32	The endoplasmic reticulum proteostasis network profoundly shapes the protein sequence space accessible to HIV envelope. <i>PLoS Biology</i> , 2022, 20, e3001569.	2.6	7
33	HSF1 Activation Can Restrict HIV Replication. <i>ACS Infectious Diseases</i> , 2020, 6, 1659-1666.	1.8	6
34	High-throughput Miniatuized RNA-Seq Library Preparation. <i>Journal of Biomolecular Techniques</i> , 2020, 31, jbt.20-3104-004.	0.8	5