

Christopher Benner

List of Publications by Year in descending order

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56
papers

25,386
citations

126708

33
h-index

143772

57
g-index

69
all docs

69
docs citations

69
times ranked

44168
citing authors

#	ARTICLE	IF	CITATIONS
1	Simple Combinations of Lineage-Determining Transcription Factors Prime cis-Regulatory Elements Required for Macrophage and B Cell Identities. <i>Molecular Cell</i> , 2010, 38, 576-589.	4.5	10,215
2	Metascape provides a biologist-oriented resource for the analysis of systems-level datasets. <i>Nature Communications</i> , 2019, 10, 1523.	5.8	7,886
3	The selection and function of cell type-specific enhancers. <i>Nature Reviews Molecular Cell Biology</i> , 2015, 16, 144-154.	16.1	859
4	Reprogramming transcription by distinct classes of enhancers functionally defined by eRNA. <i>Nature</i> , 2011, 474, 390-394.	13.7	777
5	Discovery of SARS-CoV-2 antiviral drugs through large-scale compound repurposing. <i>Nature</i> , 2020, 586, 113-119.	13.7	672
6	Remodeling of the Enhancer Landscape during Macrophage Activation Is Coupled to Enhancer Transcription. <i>Molecular Cell</i> , 2013, 51, 310-325.	4.5	616
7	Rev-Erbs repress macrophage gene expression by inhibiting enhancer-directed transcription. <i>Nature</i> , 2013, 498, 511-515.	13.7	480
8	Inflammation-induced IgA+ cells dismantle anti-liver cancer immunity. <i>Nature</i> , 2017, 551, 340-345.	13.7	396
9	Transcription Elongation Can Affect Genome 3D Structure. <i>Cell</i> , 2018, 174, 1522-1536.e22.	13.5	369
10	Global changes in the nuclear positioning of genes and intra- and interdomain genomic interactions that orchestrate B cell fate. <i>Nature Immunology</i> , 2012, 13, 1196-1204.	7.0	249
11	Kdo2-Lipid A of <i>Escherichia coli</i> , a defined endotoxin that activates macrophages via TLR-4. <i>Journal of Lipid Research</i> , 2006, 47, 1097-1111.	2.0	202
12	Identification of Novel Long Noncoding RNAs Underlying Vertebrate Cardiovascular Development. <i>Circulation</i> , 2015, 131, 1278-1290.	1.6	185
13	Regulation of DNA repair pathway choice in S and G2 phases by the NHEJ inhibitor CYREN. <i>Nature</i> , 2017, 549, 548-552.	13.7	184
14	53BP1 and USP28 mediate p53 activation and G1 arrest after centrosome loss or extended mitotic duration. <i>Journal of Cell Biology</i> , 2016, 214, 155-166.	2.3	178
15	Chromatin accessibility underlies synthetic lethality of SWI/SNF subunits in ARID1A-mutant cancers. <i>ELife</i> , 2017, 6, .	2.8	138
16	Functional landscape of SARS-CoV-2 cellular restriction. <i>Molecular Cell</i> , 2021, 81, 2656-2668.e8.	4.5	137
17	Nascent RNA sequencing reveals distinct features in plant transcription. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12316-12321.	3.3	136
18	Topoisomerase 1 inhibition suppresses inflammatory genes and protects from death by inflammation. <i>Science</i> , 2016, 352, aad7993.	6.0	132

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19	Human Promoters Are Intrinsically Directional. <i>Molecular Cell</i> , 2015, 57, 674-684.	4.5	115
20	IL-17 signaling in steatotic hepatocytes and macrophages promotes hepatocellular carcinoma in alcohol-related liver disease. <i>Journal of Hepatology</i> , 2020, 72, 946-959.	1.8	113
21	Identification and dynamic quantification of regulatory elements using total RNA. <i>Genome Research</i> , 2019, 29, 1836-1846.	2.4	102
22	Heterochromatin-Encoded Satellite RNAs Induce Breast Cancer. <i>Molecular Cell</i> , 2018, 70, 842-853.e7.	4.5	96
23	MHC class II proteins mediate cross-species entry of bat influenza viruses. <i>Nature</i> , 2019, 567, 109-112.	13.7	91
24	Paradoxical association of TET loss of function with genome-wide DNA hypomethylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 16933-16942.	3.3	81
25	TOP1 inhibition therapy protects against SARS-CoV-2-induced lethal inflammation. <i>Cell</i> , 2021, 184, 2618-2632.e17.	13.5	80
26	The Dfm1 Derlin Is Required for ERAD Retrotranslocation of Integral Membrane Proteins. <i>Molecular Cell</i> , 2018, 69, 306-320.e4.	4.5	76
27	Genomic Decoding of Neuronal Depolarization by Stimulus-Specific NPAS4 Heterodimers. <i>Cell</i> , 2019, 179, 373-391.e27.	13.5	73
28	Mutant p53 shapes the enhancer landscape of cancer cells in response to chronic immune signaling. <i>Nature Communications</i> , 2017, 8, 754.	5.8	71
29	Senataxin suppresses the antiviral transcriptional response and controls viral biogenesis. <i>Nature Immunology</i> , 2015, 16, 485-494.	7.0	50
30	Diverse motif ensembles specify non-redundant DNA binding activities of AP-1 family members in macrophages. <i>Nature Communications</i> , 2019, 10, 414.	5.8	49
31	ApoC-III ASO promotes tissue LPL activity in the absence of apoE-mediated TRL clearance. <i>Journal of Lipid Research</i> , 2019, 60, 1379-1395.	2.0	48
32	Control of VEGF-A transcriptional programs by pausing and genomic compartmentalization. <i>Nucleic Acids Research</i> , 2014, 42, 12570-12584.	6.5	47
33	Influenza virus repurposes the antiviral protein IFIT2 to promote translation of viral mRNAs. <i>Nature Microbiology</i> , 2020, 5, 1490-1503.	5.9	45
34	Deconvolution of pro- and antiviral genomic responses in Zika virus-infected and bystander macrophages. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9172-E9181.	3.3	44
35	Massively Parallel Sequencing of Peritoneal and Splenic B Cell Repertoires Highlights Unique Properties of B-1 Cell Antibodies. <i>Journal of Immunology</i> , 2018, 200, 1702-1717.	0.4	36
36	Circular synthesized CRISPR/Cas gRNAs for functional interrogations in the coding and noncoding genome. <i>ELife</i> , 2019, 8, .	2.8	34

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37	Hybrid Gene Origination Creates Human-Virus Chimeric Proteins during Infection. <i>Cell</i> , 2020, 181, 1502-1517.e23.	13.5	33
38	ZNF263 is a transcriptional regulator of heparin and heparan sulfate biosynthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 9311-9317.	3.3	30
39	LSD1-mediated enhancer silencing attenuates retinoic acid signalling during pancreatic endocrine cell development. <i>Nature Communications</i> , 2020, 11, 2082.	5.8	28
40	Restriction factor compendium for influenza A virus reveals a mechanism for evasion of autophagy. <i>Nature Microbiology</i> , 2021, 6, 1319-1333.	5.9	23
41	ARTDeco: automatic readthrough transcription detection. <i>BMC Bioinformatics</i> , 2020, 21, 214.	1.2	21
42	Shear stress associated with cardiopulmonary bypass induces expression of inflammatory cytokines and necroptosis in monocytes. <i>JCI Insight</i> , 2021, 6, .	2.3	20
43	A Genome-Wide CRISPR-Cas9 Screen Reveals the Requirement of Host Cell Sulfation for Schmallenberg Virus Infection. <i>Journal of Virology</i> , 2020, 94, .	1.5	18
44	Ncor2/PPAR α -Dependent Upregulation of MCub in the Type 2 Diabetic Heart Impacts Cardiac Metabolic Flexibility and Function. <i>Diabetes</i> , 2021, 70, 665-679.	0.3	17
45	DNMT3A haploinsufficiency causes dichotomous DNA methylation defects at enhancers in mature human immune cells. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	16
46	MAGGIE: leveraging genetic variation to identify DNA sequence motifs mediating transcription factor binding and function. <i>Bioinformatics</i> , 2020, 36, i84-i92.	1.8	12
47	NCoR1 Protects Mice From Dextran Sodium Sulfate-Induced Colitis by Guarding Colonic Crypt Cells From Luminal Insult. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2020, 10, 133-147.	2.3	11
48	Decoding Transcription Regulatory Mechanisms Associated with <i>Coccidioides immitis</i> Phase Transition Using Total RNA. <i>MSystems</i> , 2022, 7, e0140421.	1.7	8
49	A Chinese hamster transcription start site atlas that enables targeted editing of CHO cells. <i>NAR Genomics and Bioinformatics</i> , 2021, 3, lqab061.	1.5	7
50	Glucocorticoid Receptor-Regulated Enhancers Play a Central Role in the Gene Regulatory Networks Underlying Drug Addiction. <i>Frontiers in Neuroscience</i> , 2022, 16, .	1.4	7
51	A longitudinal systems immunologic investigation of acute Zika virus infection in an individual infected while traveling to Caracas, Venezuela. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0007053.	1.3	6
52	Inner-nuclear-membrane-associated degradation employs Dfm1-independent retrotranslocation and alleviates misfolded transmembrane-protein toxicity. <i>Molecular Biology of the Cell</i> , 2021, 32, 521-537.	0.9	6
53	Wiskott-Aldrich syndrome protein forms nuclear condensates and regulates alternative splicing. <i>Nature Communications</i> , 2022, 13, .	5.8	6
54	MEIRLOP: improving score-based motif enrichment by incorporating sequence bias covariates. <i>BMC Bioinformatics</i> , 2020, 21, 410.	1.2	5

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55	Viral Determinants in H5N1 Influenza A Virus Enable Productive Infection of HeLa Cells. Journal of Virology, 2020, 94, .	1.5	5
56	Negative Regulation of Enhancer-associated RNA in Macrophages. FASEB Journal, 2012, 26, 912.1.	0.2	0