

Christian Conrad

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

6,046
citations

394421

19
h-index

580821

25
g-index

37
all docs

37
docs citations

37
times ranked

13053
citing authors

#	ARTICLE	IF	CITATIONS
1	Olfactory transmucosal SARS-CoV-2 invasion as a port of central nervous system entry in individuals with COVID-19. <i>Nature Neuroscience</i> , 2021, 24, 168-175.	14.8	991
2	COVID-19 severity correlates with airway epithelium-immune cell interactions identified by single-cell analysis. <i>Nature Biotechnology</i> , 2020, 38, 970-979.	17.5	887
3	<scp>SARS</scp> receptor <scp>ACE</scp> 2 and <scp>TMPRSS</scp> 2 are primarily expressed in bronchial transient secretory cells. <i>EMBO Journal</i> , 2020, 39, e105114.	7.8	812
4	Phenotypic profiling of the human genome by time-lapse microscopy reveals cell division genes. <i>Nature</i> , 2010, 464, 721-727.	27.8	768
5	SARS-CoV-2 receptor ACE2 and TMPRSS2 are primarily expressed in bronchial transient secretory cells. <i>EMBO Journal</i> , 0, , e105114.	7.8	340
6	Benchmarking single-cell RNA-sequencing protocols for cell atlas projects. <i>Nature Biotechnology</i> , 2020, 38, 747-755.	17.5	313
7	SARS-CoV-2 infection triggers profibrotic macrophage responses and lung fibrosis. <i>Cell</i> , 2021, 184, 6243-6261.e27.	28.9	277
8	Impaired humoral and cellular immunity after SARS-CoV-2 BNT162b2 (tozinameran) prime-boost vaccination in kidney transplant recipients. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	212
9	SARS-CoV-2-mediated dysregulation of metabolism and autophagy uncovers host-targeting antivirals. <i>Nature Communications</i> , 2021, 12, 3818.	12.8	172
10	Screening drug effects in patient-derived cancer cells links organoid responses to genome alterations. <i>Molecular Systems Biology</i> , 2017, 13, 955.	7.2	163
11	Untimely TGF β 2 responses in COVID-19 limit antiviral functions of NK cells. <i>Nature</i> , 2021, 600, 295-301.	27.8	146
12	High-throughput fluorescence correlation spectroscopy enables analysis of proteome dynamics in living cells. <i>Nature Biotechnology</i> , 2015, 33, 384-389.	17.5	142
13	Micropilot: automation of fluorescence microscopy-based imaging for systems biology. <i>Nature Methods</i> , 2011, 8, 246-249.	19.0	140
14	Hypertension delays viral clearance and exacerbates airway hyperinflammation in patients with COVID-19. <i>Nature Biotechnology</i> , 2021, 39, 705-716.	17.5	129
15	Single-Nucleus and In Situ RNA-Sequencing Reveal Cell Topographies in the Human Pancreas. <i>Gastroenterology</i> , 2021, 160, 1330-1344.e11.	1.3	112
16	Memory-like HCV-specific CD8+ T cells retain a molecular scar after cure of chronic HCV infection. <i>Nature Immunology</i> , 2021, 22, 229-239.	14.5	95
17	Convergent origination of a <i>Drosophila</i> -like dosage compensation mechanism in a reptile lineage. <i>Genome Research</i> , 2017, 27, 1974-1987.	5.5	81
18	Modeling glioblastoma invasion using human brain organoids and single-cell transcriptomics. <i>Neuro-Oncology</i> , 2020, 22, 1138-1149.	1.2	75

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19	Single-cell analysis of patient-derived PDAC organoids reveals cell state heterogeneity and a conserved developmental hierarchy. <i>Nature Communications</i> , 2021, 12, 5826.	12.8	59
20	Follicular T helper cells shape the HCV-specific CD4+ T cell repertoire after virus elimination. <i>Journal of Clinical Investigation</i> , 2020, 130, 998-1009.	8.2	39
21	Automated 3D light-sheet screening with high spatiotemporal resolution reveals mitotic phenotypes. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	21
22	Pheno-seq “ linking visual features and gene expression in 3D cell culture systems. <i>Scientific Reports</i> , 2019, 9, 12367.	3.3	16
23	Functional States in Tumor-Initiating Cell Differentiation in Human Colorectal Cancer. <i>Cancers</i> , 2021, 13, 1097.	3.7	11
24	Gene set inference from single-cell sequencing data using a hybrid of matrix factorization and variational autoencoders. <i>Nature Machine Intelligence</i> , 2020, 2, 800-809.	16.0	5
25	Intratumoral Heterogeneity and Immune Modulation in Lung Adenocarcinoma in Female Smokers and Never Smokers. <i>Cancer Research</i> , 2022, 82, 3116-3129.	0.9	4
26	Unraveling mitotic protein networks by 3D multiplexed epitope drug screening. <i>Molecular Systems Biology</i> , 2018, 14, e8238.	7.2	1