Christian Conrad

List of Publications by Year
in descending order

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	Intratumoral Heterogeneity and Immune Modulation in Lung Adenocarcinoma in Female Smokers and Never Smokers. Cancer Research, 2022, 82, 3116-3129.	0.9	4
2	Olfactory transmucosal SARS-CoV-2 invasion as a port of central nervous system entry in individuals with COVID-19. Nature Neuroscience, 2021, 24, 168-175.	14.8	991
3	Hypertension delays viral clearance and exacerbates airway hyperinflammation in patients with COVID-19. Nature Biotechnology, 2021, 39, 705-716.	17.5	129
4	Memory-like HCV-specific CD8+ T cells retain a molecular scar after cure of chronic HCV infection. Nature Immunology, 2021, 22, 229-239.	14.5	95
5	Single-Nucleus and In Situ RNA–Sequencing Reveal Cell Topographies in the Human Pancreas. Gastroenterology, 2021, 160, 1330-1344.e11.	1.3	112
6	Functional States in Tumor-Initiating Cell Differentiation in Human Colorectal Cancer. Cancers, 2021, 13, 1097.	3.7	11
7	SARS-CoV-2-mediated dysregulation of metabolism and autophagy uncovers host-targeting antivirals. Nature Communications, 2021, 12, 3818.	12.8	172
8	Impaired humoral and cellular immunity after SARS-CoV-2 BNT162b2 (tozinameran) prime-boost vaccination in kidney transplant recipients. Journal of Clinical Investigation, 2021, 131, .	8.2	212
9	Single-cell analysis of patient-derived PDAC organoids reveals cell state heterogeneity and a conserved developmental hierarchy. Nature Communications, 2021, 12, 5826.	12.8	59
10	Untimely TGFβ responses in COVID-19 limit antiviral functions of NK cells. Nature, 2021, 600, 295-301.	27.8	146
11	SARS-CoV-2 infection triggers profibrotic macrophage responses and lung fibrosis. Cell, 2021, 184, 6243-6261.e27.	28.9	277
12	Gene set inference from single-cell sequencing data using a hybrid of matrix factorization and variational autoencoders. Nature Machine Intelligence, 2020, 2, 800-809.	16.0	5
13	Automated 3D light-sheet screening with high spatiotemporal resolution reveals mitotic phenotypes. Journal of Cell Science, 2020, 133, .	2.0	21
14	Benchmarking single-cell RNA-sequencing protocols for cell atlas projects. Nature Biotechnology, 2020, 38, 747-755.	17.5	313
15	COVID-19 severity correlates with airway epithelium–immune cell interactions identified by single-cell analysis. Nature Biotechnology, 2020, 38, 970-979.	17.5	887
16	Modeling glioblastoma invasion using human brain organoids and single-cell transcriptomics. Neuro-Oncology, 2020, 22, 1138-1149.	1.2	75
17	<scp>SARS</scp> â€CoVâ€2 receptor <scp>ACE</scp> 2 and <scp>TMPRSS</scp> 2 are primarily expressed in bronchial transient secretory cells. EMBO Journal, 2020, 39, e105114.	7.8	812
18	Follicular T helper cells shape the HCV-specific CD4+ T cell repertoire after virus elimination. Journal of Clinical Investigation, 2020, 130, 998-1009.	8.2	39

#	Article	IF	Citations
19	Pheno-seq â€" linking visual features and gene expression in 3D cell culture systems. Scientific Reports, 2019, 9, 12367.	3.3	16
20	Unraveling mitotic protein networks by 3D multiplexed epitope drug screening. Molecular Systems Biology, 2018, 14, e8238.	7.2	1
21	Screening drug effects in patientâ€derived cancer cells links organoid responses to genome alterations. Molecular Systems Biology, 2017, 13, 955.	7.2	163
22	Convergent origination of a <i>Drosophila</i>-like dosage compensation mechanism in a reptile lineage. Genome Research, 2017, 27, 1974-1987.	5.5	81
23	High-throughput fluorescence correlation spectroscopy enables analysis of proteome dynamics in living cells. Nature Biotechnology, 2015, 33, 384-389.	17.5	142
24	Micropilot: automation of fluorescence microscopyâ€"based imaging for systems biology. Nature Methods, 2011, 8, 246-249.	19.0	140
25	Phenotypic profiling of the human genome by time-lapse microscopy reveals cell division genes. Nature, 2010, 464, 721-727.	27.8	768
26	SARS-CoV-2 receptor ACE2 and TMPRSS2 are primarily expressed in bronchial transient secretory cells. EMBO Journal, 0, , e105114.	7.8	340