

# Bob Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7902927/publications.pdf>

Version: 2024-02-01

18  
papers

903  
citations

759055

12  
h-index

839398

18  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1448  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Human Tumor Atlas Network: Charting Tumor Transitions across Space and Time at Single-Cell Resolution. <i>Cell</i> , 2020, 181, 236-249.	13.5	334
2	Differential pre-malignant programs and microenvironment chart distinct paths to malignancy in human colorectal polyps. <i>Cell</i> , 2021, 184, 6262-6280.e26.	13.5	125
3	Succinate Produced by Intestinal Microbes Promotes Specification of Tuft Cells to Suppress Ileal Inflammation. <i>Gastroenterology</i> , 2020, 159, 2101-2115.e5.	0.6	123
4	ATAC-Me Captures Prolonged DNA Methylation of Dynamic Chromatin Accessibility Loci during Cell Fate Transitions. <i>Molecular Cell</i> , 2020, 77, 1350-1364.e6.	4.5	47
5	Single-Cell Transcriptomics Reveals a Conserved Metaplasia Program in Pancreatic Injury. <i>Gastroenterology</i> , 2022, 162, 604-620.e20.	0.6	43
6	Quantitative assessment of cell population diversity in single-cell landscapes. <i>PLoS Biology</i> , 2018, 16, e2006687.	2.6	40
7	Single-Cell Computational Strategies for Lineage Reconstruction in Tissue Systems. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2018, 5, 539-548.	2.3	33
8	Automated quality control and cell identification of droplet-based single-cell data using dropkick. <i>Genome Research</i> , 2021, 31, 1742-1752.	2.4	25
9	Dual indexed library design enables compatibility of in-Drop single-cell RNA-sequencing with exAMP chemistry sequencing platforms. <i>BMC Genomics</i> , 2020, 21, 456.	1.2	22
10	Mining tasks and task characteristics from electronic health record audit logs with unsupervised machine learning. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 1168-1177.	2.2	19
11	Use of Single-Cell -Omic Technologies to Study the Gastrointestinal Tract and Diseases, From Single Cell Identities to Patient Features. <i>Gastroenterology</i> , 2020, 159, 453-466.e1.	0.6	17
12	Matrix stiffness enhances cancer-macrophage interactions and M2-like macrophage accumulation in the breast tumor microenvironment. <i>Acta Biomaterialia</i> , 2023, 163, 365-377.	4.1	17
13	pyNVR: investigating factors affecting feature selection from scRNA-seq data for lineage reconstruction. <i>Bioinformatics</i> , 2019, 35, 2335-2337.	1.8	15
14	Coregulator Sin3a Promotes Postnatal Murine $\beta$ -Cell Fitness by Regulating Genes in Ca <sup>2+</sup> Homeostasis, Cell Survival, Vesicle Biosynthesis, Glucose Metabolism, and Stress Response. <i>Diabetes</i> , 2020, 69, 1219-1231.	0.3	9
15	MTG16 regulates colonic epithelial differentiation, colitis, and tumorigenesis by repressing E protein transcription factors. <i>JCI Insight</i> , 2022, 7, .	2.3	9
16	Processing single-cell RNA-seq data for dimension reduction-based analyses using open-source tools. <i>STAR Protocols</i> , 2021, 2, 100450.	0.5	8
17	Deciphering the cancer microenvironment from bulk data with EcoTyper. <i>Cell</i> , 2021, 184, 5306-5308.	13.5	7
18	Measuring Collaboration Through Concurrent Electronic Health Record Usage: Network Analysis Study. <i>JMIR Medical Informatics</i> , 2021, 9, e28998.	1.3	3