

Alan J Simmons

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

798
citations

687363

13
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

1265
citing authors

#	ARTICLE	IF	CITATIONS
1	Unsupervised Trajectory Analysis of Single-Cell RNA-Seq and Imaging Data Reveals Alternative Tuft Cell Origins in the Gut. <i>Cell Systems</i> , 2018, 6, 37-51.e9.	6.2	167
2	Differential pre-malignant programs and microenvironment chart distinct paths to malignancy in human colorectal polyps. <i>Cell</i> , 2021, 184, 6262-6280.e26.	28.9	125
3	Succinate Produced by Intestinal Microbes Promotes Specification of Tuft Cells to Suppress Ileal Inflammation. <i>Gastroenterology</i> , 2020, 159, 2101-2115.e5.	1.3	123
4	Combinatorial Transcriptional Profiling of Mouse and Human Enteric Neurons Identifies Shared and Disparate Subtypes In Situ. <i>Gastroenterology</i> , 2021, 160, 755-770.e26.	1.3	67
5	Cytometry-based single-cell analysis of intact epithelial signaling reveals <i>MAPK</i> activation divergent from <i>TNF</i> -induced apoptosis <i>in vivo</i> . <i>Molecular Systems Biology</i> , 2015, 11, 835.	7.2	41
6	Quantitative assessment of cell population diversity in single-cell landscapes. <i>PLoS Biology</i> , 2018, 16, e2006687.	5.6	40
7	Neurog3-Independent Methylation Is the Earliest Detectable Mark Distinguishing Pancreatic Progenitor Identity. <i>Developmental Cell</i> , 2019, 48, 49-63.e7.	7.0	36
8	The ErbB3 receptor tyrosine kinase negatively regulates Paneth cells by PI3K-dependent suppression of Atoh1. <i>Cell Death and Differentiation</i> , 2017, 24, 855-865.	11.2	31
9	Heterogeneity and dynamics of active Kras-induced dysplastic lineages from mouse corpus stomach. <i>Nature Communications</i> , 2019, 10, 5549.	12.8	28
10	Impaired coordination between signaling pathways is revealed in human colorectal cancer using single-cell mass cytometry of archival tissue blocks. <i>Science Signaling</i> , 2016, 9, rs11.	3.6	22
11	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.	2.8	22
12	An interspecies translation model implicates integrin signaling in infliximab-resistant inflammatory bowel disease. <i>Science Signaling</i> , 2020, 13, .	3.6	19
13	Matrix stiffness enhances cancer-macrophage interactions and M2-like macrophage accumulation in the breast tumor microenvironment. <i>Acta Biomaterialia</i> , 2023, 163, 365-377.	8.3	17
14	Novel kidney dissociation protocol and image-based flow cytometry facilitate improved analysis of injured proximal tubules. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 316, F847-F855.	2.7	15
15	Coregulator Sin3a Promotes Postnatal Murine β -Cell Fitness by Regulating Genes in Ca ²⁺ Homeostasis, Cell Survival, Vesicle Biosynthesis, Glucose Metabolism, and Stress Response. <i>Diabetes</i> , 2020, 69, 1219-1231.	0.6	9
16	Domestic Attitudes Towards International Jurisdiction over Human Rights Violations. <i>Human Rights Review</i> , 2017, 18, 321-345.	1.1	8
17	Clinically adaptable polymer enables simultaneous spatial analysis of colonic tissues and biofilms. <i>Npj Biofilms and Microbiomes</i> , 2020, 6, 33.	6.4	8
18	Deciphering tumor heterogeneity from FFPE tissues: Its promise and challenges. <i>Molecular and Cellular Oncology</i> , 2017, 4, e1260191.	0.7	7

#	ARTICLE	IF	CITATIONS
19	Single-Cell Mass Cytometry of Archived Human Epithelial Tissue for Decoding Cancer Signaling Pathways. <i>Methods in Molecular Biology</i> , 2019, 1884, 215-229.	0.9	7
20	Ranked-Choice Voting and the Potential for Improved Electoral Performance of Third-Party Candidates in America. <i>American Politics Research</i> , 2022, 50, 366-378.	1.4	3
21	Direct Detection of Isolevuglandins in Tissues using a D11 scFv-Alkaline Phosphatase Fusion Protein and Immunofluorescence. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	1