

Rahul Sinha

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

6,347
citations

279487

23
h-index

414034

32
g-index

36
all docs

36
docs citations

36
times ranked

13272
citing authors

#	ARTICLE	IF	CITATIONS
1	PD-1 expression by tumour-associated macrophages inhibits phagocytosis and tumour immunity. Nature, 2017, 545, 495-499.	13.7	1,489
2	A molecular cell atlas of the human lung from single-cell RNA sequencing. Nature, 2020, 587, 619-625.	13.7	963
3	Identification and Specification of the Mouse Skeletal Stem Cell. Cell, 2015, 160, 285-298.	13.5	571
4	Identification of the Human Skeletal Stem Cell. Cell, 2018, 175, 43-56.e21.	13.5	425
5	Mapping the Pairwise Choices Leading from Pluripotency to Human Bone, Heart, and Other Mesoderm Cell Types. Cell, 2016, 166, 451-467.	13.5	367
6	Hoxb5 marks long-term haematopoietic stem cells and reveals a homogenous perivascular niche. Nature, 2016, 530, 223-227.	13.7	275
7	Single-cell meta-analysis of SARS-CoV-2 entry genes across tissues and demographics. Nature Medicine, 2021, 27, 546-559.	15.2	261
8	Single-cell analysis of early progenitor cells that build coronary arteries. Nature, 2018, 559, 356-362.	13.7	190
9	Microglia are effector cells of CD47-SIRP1 α antiphagocytic axis disruption against glioblastoma. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 997-1006.	3.3	183
10	Aged skeletal stem cells generate an inflammatory degenerative niche. Nature, 2021, 597, 256-262.	13.7	143
11	Tuning Cytokine Receptor Signaling by Re-orienting Dimer Geometry with Surrogate Ligands. Cell, 2015, 160, 1196-1208.	13.5	138
12	Human AML-iPSCs Reacquire Leukemic Properties after Differentiation and Model Clonal Variation of Disease. Cell Stem Cell, 2017, 20, 329-344.e7.	5.2	101
13	Where Hematopoietic Stem Cells Live: The Bone Marrow Niche. Antioxidants and Redox Signaling, 2018, 29, 191-204.	2.5	92
14	Reactivation of the pluripotency program precedes formation of the cranial neural crest. Science, 2021, 371, .	6.0	84
15	Pharmacological rescue of diabetic skeletal stem cell niches. Science Translational Medicine, 2017, 9, .	5.8	80
16	Global analysis of shared T α cell specificities in human non-small cell lung cancer enables HLA inference and antigen discovery. Immunity, 2021, 54, 586-602.e8.	6.6	80
17	Surgical adhesions in mice are derived from mesothelial cells and can be targeted by antibodies against mesothelial markers. Science Translational Medicine, 2018, 10, .	5.8	70
18	Computational correction of index switching in multiplexed sequencing libraries. Nature Methods, 2018, 15, 305-307.	9.0	67

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19	Complex mammalian-like haematopoietic system found in a colonial chordate. <i>Nature</i> , 2018, 564, 425-429.	13.7	60
20	An atlas of transcriptional, chromatin accessibility, and surface marker changes in human mesoderm development. <i>Scientific Data</i> , 2016, 3, 160109.	2.4	47
21	A functional subset of CD8+ T cells during chronic exhaustion is defined by SIRP α expression. <i>Nature Communications</i> , 2019, 10, 794.	5.8	46
22	Distinct skeletal stem cell types orchestrate long bone skeletogenesis. <i>ELife</i> , 2021, 10, .	2.8	38
23	Deep Sequencing of Urinary RNAs for Bladder Cancer Molecular Diagnostics. <i>Clinical Cancer Research</i> , 2017, 23, 3700-3710.	3.2	29
24	The GABA receptor GABRR1 is expressed on and functional in hematopoietic stem cells and megakaryocyte progenitors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 18416-18422.	3.3	28
25	Neogenin-1 distinguishes between myeloid-biased and balanced <i>Hoxb5</i> ⁺ mouse long-term hematopoietic stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 25115-25125.	3.3	26
26	Neutrophil and monocyte kinetics play critical roles in mouse peritoneal adhesion formation. <i>Blood Advances</i> , 2019, 3, 2713-2721.	2.5	25
27	Screening for genes that regulate the differentiation of human megakaryocytic lineage cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9308-E9316.	3.3	22
28	Developmental cell death programs license cytotoxic cells to eliminate histocompatible partners. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 6520-6525.	3.3	21
29	Proteomic analysis of young and old mouse hematopoietic stem cells and their progenitors reveals post-transcriptional regulation in stem cells. <i>ELife</i> , 2020, 9, .	2.8	21
30	Two distinct evolutionary conserved neural degeneration pathways characterized in a colonial chordate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	10
31	A Clinical PET Imaging Tracer ([¹⁸ F]DASA-23) to Monitor Pyruvate Kinase M2-Induced Glycolytic Reprogramming in Glioblastoma. <i>Clinical Cancer Research</i> , 2021, 27, 6467-6478.	3.2	9
32	Chromosome-level de novo assembly of the pig-tailed macaque genome using linked-read sequencing and HiC proximity scaffolding. <i>GigaScience</i> , 2020, 9, .	3.3	6