Rahul Sinha

List of Publications by Year
in descending order

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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	Two distinct evolutionary conserved neural degeneration pathways characterized in a colonial chordate. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	10
2	Reactivation of the pluripotency program precedes formation of the cranial neural crest. Science, 2021, 371, .	6.0	84
3	Global analysis of shared TÂcell specificities in human non-small cell lung cancer enables HLA inference and antigen discovery. Immunity, 2021, 54, 586-602.e8.	6.6	80
4	Single-cell meta-analysis of SARS-CoV-2 entry genes across tissues and demographics. Nature Medicine, 2021, 27, 546-559.	15.2	261
5	Distinct skeletal stem cell types orchestrate long bone skeletogenesis. ELife, 2021, 10, .	2.8	38
6	Aged skeletal stem cells generate an inflammatory degenerative niche. Nature, 2021, 597, 256-262.	13.7	143
7	A Clinical PET Imaging Tracer ([18F]DASA-23) to Monitor Pyruvate Kinase M2â€“Induced Glycolytic Reprogramming in Glioblastoma. Clinical Cancer Research, 2021, 27, 6467-6478.	3.2	9
8	Chromosome-level de novo assembly of the pig-tailed macaque genome using linked-read sequencing and HiC proximity scaffolding. GigaScience, 2020, 9, .	3.3	6
9	A molecular cell atlas of the human lung from single-cell RNA sequencing. Nature, 2020, 587, 619-625.	13.7	963
10	Proteomic analysis of young and old mouse hematopoietic stem cells and their progenitors reveals post-transcriptional regulation in stem cells. ELife, 2020, 9, .	2.8	21
11	The GABA receptor GABRR1 is expressed on and functional in hematopoietic stem cells and megakaryocyte progenitors. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 18416-18422.	3.3	28
12	A functional subset of CD8+ T cells during chronic exhaustion is defined by SIRPÎ± expression. Nature Communications, 2019, 10, 794.	5.8	46
13	Neutrophil and monocyte kinetics play critical roles in mouse peritoneal adhesion formation. Blood Advances, 2019, 3, 2713-2721.	2.5	25
14	Neogenin-1 distinguishes between myeloid-biased and balanced Hoxb5 ⁺ mouse long-term hematopoietic stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 25115-25125.	3.3	26
15	Microglia are effector cells of CD47-SIRPÎ± 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
16	Computational correction of index switching in multiplexed sequencing libraries. Nature Methods, 2018, 15, 305-307.	9.0	67
17	Where Hematopoietic Stem Cells Live: The Bone Marrow Niche. Antioxidants and Redox Signaling, 2018, 29, 191-204.	2.5	92
18	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

#	Article	IF	Citations
19	Complex mammalian-like haematopoietic system found in a colonial chordate. Nature, 2018, 564, 425-429.	13.7	60
20	Identification of the Human Skeletal Stem Cell. Cell, 2018, 175, 43-56.e21.	13.5	425
21	Single-cell analysis of early progenitor cells that build coronary arteries. Nature, 2018, 559, 356-362.	13.7	190
22	Screening for genes that regulate the differentiation of human megakaryocytic lineage cells. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E9308-E9316.	3.3	22
23	Pharmacological rescue of diabetic skeletal stem cell niches. Science Translational Medicine, 2017, 9, .	5.8	80
24	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
25	Deep Sequencing of Urinary RNAs for Bladder Cancer Molecular Diagnostics. Clinical Cancer Research, 2017, 23, 3700-3710.	3.2	29
26	PD-1 expression by tumour-associated macrophages inhibits phagocytosis and tumour immunity. Nature, 2017, 545, 495-499.	13.7	1,489
27	An atlas of transcriptional, chromatin accessibility, and surface marker changes in human mesoderm development. Scientific Data, 2016, 3, 160109.	2.4	47
28	Developmental cell death programs license cytotoxic cells to eliminate histocompatible partners. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 6520-6525.	3.3	21
29	Mapping the Pairwise Choices Leading from Pluripotency to Human Bone, Heart, and Other Mesoderm Cell Types. Cell, 2016, 166, 451-467.	13.5	367
30	Hoxb5 marks long-term haematopoietic stem cells and reveals a homogenous perivascular niche. Nature, 2016, 530, 223-227.	13.7	275
31	Tuning Cytokine Receptor Signaling by Re-orienting Dimer Geometry with Surrogate Ligands. Cell, 2015, 160, 1196-1208.	13.5	138
32	Identification and Specification of the Mouse Skeletal Stem Cell. Cell, 2015, 160, 285-298.	13.5	571