

# Tamir Chandra

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

31  
papers

2,510  
citations

16  
h-index

37  
g-index

37  
ext. papers

3,562  
ext. citations

12.1  
avg, IF

4.98  
L-index

#	Paper	IF	Citations
31	SC3: consensus clustering of single-cell RNA-seq data. <i>Nature Methods</i> , <b>2017</b> , 14, 483-486	21.6	709
30	cGAS surveillance of micronuclei links genome instability to innate immunity. <i>Nature</i> , <b>2017</b> , 548, 461-465	50.4	703
29	Independence of repressive histone marks and chromatin compaction during senescent heterochromatic layer formation. <i>Molecular Cell</i> , <b>2012</b> , 47, 203-14	17.6	213
28	Global reorganization of the nuclear landscape in senescent cells. <i>Cell Reports</i> , <b>2015</b> , 10, 471-83	10.6	191
27	Redistribution of the Lamin B1 genomic binding profile affects rearrangement of heterochromatic domains and SAHF formation during senescence. <i>Genes and Development</i> , <b>2013</b> , 27, 1800-8	12.6	185
26	Experimental design for single-cell RNA sequencing. <i>Briefings in Functional Genomics</i> , <b>2018</b> , 17, 233-239	4.9	66
25	Partial reprogramming induces a steady decline in epigenetic age before loss of somatic identity. <i>Aging Cell</i> , <b>2019</b> , 18, e12877	9.9	62
24	Proliferation Drives Aging-Related Functional Decline in a Subpopulation of the Hematopoietic Stem Cell Compartment. <i>Cell Reports</i> , <b>2017</b> , 19, 1503-1511	10.6	52
23	An epigenome-wide association study of sex-specific chronological ageing. <i>Genome Medicine</i> , <b>2019</b> , 12, 1	14.4	43
22	Kidney Single-Cell Atlas Reveals Myeloid Heterogeneity in Progression and Regression of Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2020</b> , 31, 2833-2854	12.7	37
21	Phenotype specific analyses reveal distinct regulatory mechanism for chronically activated p53. <i>PLoS Genetics</i> , <b>2015</b> , 11, e1005053	6	36
20	Chromosome organisation during ageing and senescence. <i>Current Opinion in Cell Biology</i> , <b>2016</b> , 40, 161-167	16.7	35
19	Notch Signaling Mediates Secondary Senescence. <i>Cell Reports</i> , <b>2019</b> , 27, 997-1007.e5	10.6	32
18	Polymer Modeling Predicts Chromosome Reorganization in Senescence. <i>Cell Reports</i> , <b>2019</b> , 28, 3212-3223.e6	13.6	31
17	Age-related clonal haemopoiesis is associated with increased epigenetic age. <i>Current Biology</i> , <b>2019</b> , 29, R786-R787	6.3	20
16	Multi-layered Spatial Transcriptomics Identify Secretory Factors Promoting Human Hematopoietic Stem Cell Development. <i>Cell Stem Cell</i> , <b>2020</b> , 27, 822-839.e8	18	17
15	Functional heterogeneity in senescence. <i>Biochemical Society Transactions</i> , <b>2020</b> , 48, 765-773	5.1	15

14	defines a wound-specific sheath cell subpopulation associated with notochord repair. <i>ELife</i> , <b>2018</b> , 7,	8.9	15
13	Epigenetic age prediction. <i>Aging Cell</i> , <b>2021</b> , 20, e13452	9.9	10
12	Purifying stem cell-derived red blood cells: a high-throughput label-free downstream processing strategy based on microfluidic spiral inertial separation and membrane filtration. <i>Biotechnology and Bioengineering</i> , <b>2020</b> , 117, 2032-2045	4.9	8
11	Inhibition of the 60S ribosome biogenesis GTPase LSG1 causes endoplasmic reticular disruption and cellular senescence. <i>Aging Cell</i> , <b>2019</b> , 18, e12981	9.9	7
10	A Stem Cell Reporter for Investigating Pluripotency and Self-Renewal in the Rat. <i>Stem Cell Reports</i> , <b>2020</b> , 14, 154-166	8	5
9	Cellular reprogramming and epigenetic rejuvenation. <i>Clinical Epigenetics</i> , <b>2021</b> , 13, 170	7.7	4
8	Multiplexing for Oxidative Bisulfite Sequencing (oxBS-seq). <i>Methods in Molecular Biology</i> , <b>2018</b> , 1708, 665-678	1.4	3
7	Methylation-Based Age Estimation in a Wild Mouse		2
6	Induction and transmission of oncogene-induced senescence. <i>Cellular and Molecular Life Sciences</i> , <b>2021</b> , 78, 843-852	10.3	2
5	Clonality in haematopoietic stem cell ageing. <i>Mechanisms of Ageing and Development</i> , <b>2020</b> , 189, 111279	5.6	1
4	Tfap2b specifies an embryonic melanocyte stem cell that retains adult multifate potential.. <i>Cell Reports</i> , <b>2022</b> , 38, 110234	10.6	1
3	Kidney single-cell atlas reveals myeloid heterogeneity in progression and regression of kidney disease		1
2	Partial reprogramming induces a steady decline in epigenetic age before loss of somatic identity		1
1	Clonal haematopoiesis of indeterminate potential: intersections between inflammation, vascular disease and heart failure. <i>Clinical Science</i> , <b>2021</b> , 135, 991-1007	6.5	1