

# Tamir Chandra

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6192846/publications.pdf>

Version: 2024-02-01

29  
papers

4,377  
citations

361296

20  
h-index

477173

29  
g-index

37  
all docs

37  
docs citations

37  
times ranked

8266  
citing authors

#	ARTICLE	IF	CITATIONS
1	SC3: consensus clustering of single-cell RNA-seq data. <i>Nature Methods</i> , 2017, 14, 483-486.	9.0	1,203
2	cGAS surveillance of micronuclei links genome instability to innate immunity. <i>Nature</i> , 2017, 548, 461-465.	13.7	1,158
3	Global Reorganization of the Nuclear Landscape in Senescent Cells. <i>Cell Reports</i> , 2015, 10, 471-483.	2.9	282
4	Redistribution of the Lamin B1 genomic binding profile affects rearrangement of heterochromatic domains and SAHF formation during senescence. <i>Genes and Development</i> , 2013, 27, 1800-1808.	2.7	259
5	Independence of Repressive Histone Marks and Chromatin Compaction during Senescent Heterochromatic Layer Formation. <i>Molecular Cell</i> , 2012, 47, 203-214.	4.5	258
6	Partial reprogramming induces a steady decline in epigenetic age before loss of somatic identity. <i>Aging Cell</i> , 2019, 18, e12877.	3.0	128
7	An epigenome-wide association study of sex-specific chronological ageing. <i>Genome Medicine</i> , 2020, 12, 1.	3.6	117
8	Experimental design for single-cell RNA sequencing. <i>Briefings in Functional Genomics</i> , 2018, 17, 233-239.	1.3	113
9	Kidney Single-Cell Atlas Reveals Myeloid Heterogeneity in Progression and Regression of Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 2833-2854.	3.0	113
10	Notch Signaling Mediates Secondary Senescence. <i>Cell Reports</i> , 2019, 27, 997-1007.e5.	2.9	82
11	Epigenetic age prediction. <i>Aging Cell</i> , 2021, 20, e13452.	3.0	81
12	Proliferation Drives Aging-Related Functional Decline in a Subpopulation of the Hematopoietic Stem Cell Compartment. <i>Cell Reports</i> , 2017, 19, 1503-1511.	2.9	76
13	Polymer Modeling Predicts Chromosome Reorganization in Senescence. <i>Cell Reports</i> , 2019, 28, 3212-3223.e6.	2.9	60
14	Cellular reprogramming and epigenetic rejuvenation. <i>Clinical Epigenetics</i> , 2021, 13, 170.	1.8	54
15	Multi-layered Spatial Transcriptomics Identify Secretory Factors Promoting Human Hematopoietic Stem Cell Development. <i>Cell Stem Cell</i> , 2020, 27, 822-839.e8.	5.2	51
16	Functional heterogeneity in senescence. <i>Biochemical Society Transactions</i> , 2020, 48, 765-773.	1.6	50
17	Phenotype Specific Analyses Reveal Distinct Regulatory Mechanism for Chronically Activated p53. <i>PLoS Genetics</i> , 2015, 11, e1005053.	1.5	47
18	Chromosome organisation during ageing and senescence. <i>Current Opinion in Cell Biology</i> , 2016, 40, 161-167.	2.6	44

#	ARTICLE	IF	CITATIONS
19	Age-related clonal haemopoiesis is associated with increased epigenetic age. <i>Current Biology</i> , 2019, 29, R786-R787.	1.8	37
20	Longitudinal dynamics of clonal hematopoiesis identifies gene-specific fitness effects. <i>Nature Medicine</i> , 2022, 28, 1439-1446.	15.2	36
21	Wilms Tumor 1b defines a wound-specific sheath cell subpopulation associated with notochord repair. <i>ELife</i> , 2018, 7, .	2.8	21
22	Clonal haematopoiesis of indeterminate potential: intersections between inflammation, vascular disease and heart failure. <i>Clinical Science</i> , 2021, 135, 991-1007.	1.8	18
23	Inhibition of the 60S ribosome biogenesis GTPase LSG1 causes endoplasmic reticular disruption and cellular senescence. <i>Aging Cell</i> , 2019, 18, e12981.	3.0	17
24	Tfp2b specifies an embryonic melanocyte stem cell that retains adult multifate potential. <i>Cell Reports</i> , 2022, 38, 110234.	2.9	15
25	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> , 2020, 117, 2032-2045.	1.7	13
26	Induction and transmission of oncogene-induced senescence. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 843-852.	2.4	11
27	A Stem Cell Reporter for Investigating Pluripotency and Self-Renewal in the Rat. <i>Stem Cell Reports</i> , 2020, 14, 154-166.	2.3	6
28	Multiplexing for Oxidative Bisulfite Sequencing (oxBS-seq). <i>Methods in Molecular Biology</i> , 2018, 1708, 665-678.	0.4	5
29	Clonality in haematopoietic stem cell ageing. <i>Mechanisms of Ageing and Development</i> , 2020, 189, 111279.	2.2	4