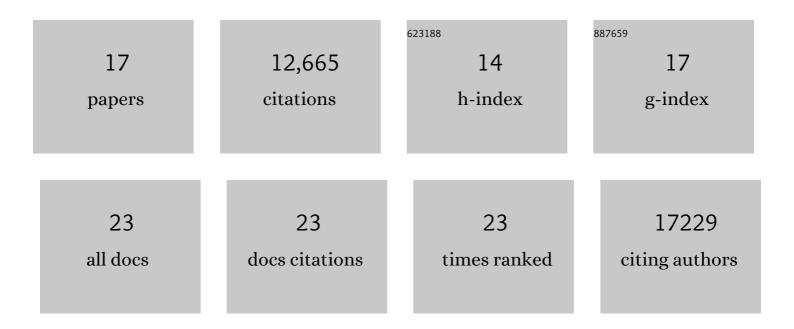
## Siddarth Selvaraj

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11386981/publications.pdf Version: 2024-02-01



SIDDADTH SELVADAL

#	Article	IF	CITATIONS
1	Topological domains in mammalian genomes identified by analysis of chromatin interactions. Nature, 2012, 485, 376-380.	13.7	5,786
2	Chromatin architecture reorganization during stem cell differentiation. Nature, 2015, 518, 331-336.	13.7	1,442
3	Towards complete and error-free genome assemblies of all vertebrate species. Nature, 2021, 592, 737-746.	13.7	1,139
4	A high-resolution map of the three-dimensional chromatin interactome in human cells. Nature, 2013, 503, 290-294.	13.7	1,074
5	Human body epigenome maps reveal noncanonical DNA methylation variation. Nature, 2015, 523, 212-216.	13.7	605
6	Telomere-to-telomere assembly of a complete human X chromosome. Nature, 2020, 585, 79-84.	13.7	549
7	Integrating Hi-C links with assembly graphs for chromosome-scale assembly. PLoS Computational Biology, 2019, 15, e1007273.	1.5	509
8	5mC Oxidation by Tet2 Modulates Enhancer Activity and Timing of Transcriptome Reprogramming during Differentiation. Molecular Cell, 2014, 56, 286-297.	4.5	285
9	Whole-genome haplotype reconstruction using proximity-ligation and shotgun sequencing. Nature Biotechnology, 2013, 31, 1111-1118.	9.4	257
10	HiCNorm: removing biases in Hi-C data via Poisson regression. Bioinformatics, 2012, 28, 3131-3133.	1.8	228
11	Integrative analysis of haplotype-resolved epigenomes across human tissues. Nature, 2015, 518, 350-354.	13.7	201
12	Bayesian Inference of Spatial Organizations of Chromosomes. PLoS Computational Biology, 2013, 9, e1002893.	1.5	188
13	CRISPR Reveals a Distal Super-Enhancer Required for Sox2 Expression in Mouse Embryonic Stem Cells. PLoS ONE, 2014, 9, e114485.	1.1	168
14	Subtle changes in chromatin loop contact propensity are associated with differential gene regulation and expression. Nature Communications, 2019, 10, 1054.	5.8	100
15	Complete haplotype phasing of the MHC and KIR loci with targeted HaploSeq. BMC Genomics, 2015, 16, 900.	1.2	10
16	InPhaDel: integrative shotgun and proximity-ligation sequencing to phase deletions with single nucleotide polymorphisms. Nucleic Acids Research, 2016, 44, e111-e111.	6.5	1
17	3D chromosome rendering from Hi-C data using virtual reality. , 2015, , .		0