

# Amartya Sanyal

## 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.

20 papers	18,976 citations	14 h-index	27 g-index
27 ext. papers	22,840 ext. citations	21.1 avg, IF	8.16 L-index

#	Paper	IF	Citations
20	An integrated encyclopedia of DNA elements in the human genome. <i>Nature</i> , <b>2012</b> , 489, 57-74	50.4	11449
19	The accessible chromatin landscape of the human genome. <i>Nature</i> , <b>2012</b> , 489, 75-82	50.4	1900
18	A long noncoding RNA maintains active chromatin to coordinate homeotic gene expression. <i>Nature</i> , <b>2011</b> , 472, 120-4	50.4	1502
17	The long-range interaction landscape of gene promoters. <i>Nature</i> , <b>2012</b> , 489, 109-13	50.4	1066
16	A user's guide to the encyclopedia of DNA elements (ENCODE). <i>PLoS Biology</i> , <b>2011</b> , 9, e1001046	9.7	1060
15	Architectural protein subclasses shape 3D organization of genomes during lineage commitment. <i>Cell</i> , <b>2013</b> , 153, 1281-95	56.2	848
14	An encyclopedia of mouse DNA elements (Mouse ENCODE). <i>Genome Biology</i> , <b>2012</b> , 13, 418	18.3	340
13	Patterns of Growth and Decline in Lung Function in Persistent Childhood Asthma. <i>New England Journal of Medicine</i> , <b>2016</b> , 374, 1842-1852	59.2	312
12	The three-dimensional folding of the $\beta$ globin gene domain reveals formation of chromatin globules. <i>Nature Structural and Molecular Biology</i> , <b>2011</b> , 18, 107-14	17.6	232
11	My5C: web tools for chromosome conformation capture studies. <i>Nature Methods</i> , <b>2009</b> , 6, 690-1	21.6	74
10	Chromatin globules: a common motif of higher order chromosome structure?. <i>Current Opinion in Cell Biology</i> , <b>2011</b> , 23, 325-31	9	56
9	Insights into male germ cell apoptosis due to depletion of gonadotropins caused by GnRH antagonists. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2007</b> , 12, 1085-100	5.4	53
8	From cells to chromatin: capturing snapshots of genome organization with 5C technology. <i>Methods</i> , <b>2012</b> , 58, 255-67	4.6	33
7	Genetics and Genomics of Longitudinal Lung Function Patterns in Individuals with Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2016</b> , 194, 1465-1474	10.2	18
6	Spatial inter-centromeric interactions facilitated the emergence of evolutionary new centromeres. <i>ELife</i> , <b>2020</b> , 9,	8.9	13
5	- and -chromosomal Interactions Define Pericentric Boundaries in the Absence of Conventional Heterochromatin. <i>Genetics</i> , <b>2019</b> , 212, 1121-1132	4	9
4	High-resolution RNA allelotyping along the inactive X chromosome: evidence of RNA polymerase III in regulating chromatin configuration. <i>Scientific Reports</i> , <b>2017</b> , 7, 45460	4.9	6

- 3 Hierarchical discovery of large-scale and focal copy number alterations in low-coverage cancer genomes. *BMC Bioinformatics*, **2020**, 21, 147 3.6 3
- 2 Identification and utilization of copy number information for correcting Hi-C contact map of cancer cell lines. *BMC Bioinformatics*, **2020**, 21, 506 3.6 2
- 1 Analysis of Aneuploidy Spectrum From Whole-Genome Sequencing Provides Rapid Assessment of Clonal Variation Within Established Cancer Cell Lines. *Cancer Informatics*, **2021**, 20, 11769351211049236<sup>2,4</sup>