

Amartya Sanyal

List of Publications by Year in Descending Order

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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	Analysis of Aneuploidy Spectrum From Whole-Genome Sequencing Provides Rapid Assessment of Clonal Variation Within Established Cancer Cell Lines. <i>Cancer Informatics</i> , 2021 , 20, 11769351211049236 ^{2,4}		
19	Identification and utilization of copy number information for correcting Hi-C contact map of cancer cell lines. <i>BMC Bioinformatics</i> , 2020 , 21, 506	3.6	2
18	Spatial inter-centromeric interactions facilitated the emergence of evolutionary new centromeres. <i>ELife</i> , 2020 , 9,	8.9	13
17	Hierarchical discovery of large-scale and focal copy number alterations in low-coverage cancer genomes. <i>BMC Bioinformatics</i> , 2020 , 21, 147	3.6	3
16	- and -chromosomal Interactions Define Pericentric Boundaries in the Absence of Conventional Heterochromatin. <i>Genetics</i> , 2019 , 212, 1121-1132	4	9
15	High-resolution RNA allelotyping along the inactive X chromosome: evidence of RNA polymerase III in regulating chromatin configuration. <i>Scientific Reports</i> , 2017 , 7, 45460	4.9	6
14	Genetics and Genomics of Longitudinal Lung Function Patterns in Individuals with Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 194, 1465-1474	10.2	18
13	Patterns of Growth and Decline in Lung Function in Persistent Childhood Asthma. <i>New England Journal of Medicine</i> , 2016 , 374, 1842-1852	59.2	312
12	Architectural protein subclasses shape 3D organization of genomes during lineage commitment. <i>Cell</i> , 2013 , 153, 1281-95	56.2	848
11	From cells to chromatin: capturing snapshots of genome organization with 5C technology. <i>Methods</i> , 2012 , 58, 255-67	4.6	33
10	An integrated encyclopedia of DNA elements in the human genome. <i>Nature</i> , 2012 , 489, 57-74	50.4	11449
9	The long-range interaction landscape of gene promoters. <i>Nature</i> , 2012 , 489, 109-13	50.4	1066
8	The accessible chromatin landscape of the human genome. <i>Nature</i> , 2012 , 489, 75-82	50.4	1900
7	An encyclopedia of mouse DNA elements (Mouse ENCODE). <i>Genome Biology</i> , 2012 , 13, 418	18.3	340
6	A user's guide to the encyclopedia of DNA elements (ENCODE). <i>PLoS Biology</i> , 2011 , 9, e1001046	9.7	1060
5	The three-dimensional folding of the β globin gene domain reveals formation of chromatin globules. <i>Nature Structural and Molecular Biology</i> , 2011 , 18, 107-14	17.6	232
4	A long noncoding RNA maintains active chromatin to coordinate homeotic gene expression. <i>Nature</i> , 2011 , 472, 120-4	50.4	1502

3	Chromatin globules: a common motif of higher order chromosome structure?. <i>Current Opinion in Cell Biology</i> , 2011 , 23, 325-31	9	56
2	My5C: web tools for chromosome conformation capture studies. <i>Nature Methods</i> , 2009 , 6, 690-1	21.6	74
1	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> , 2007 , 12, 1085-100	5.4	53