

# Giancarlo Bonora

## 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.

22 papers	1,107 citations	14 h-index	25 g-index
25 ext. papers	1,496 ext. citations	14.4 avg, IF	4.22 L-index

#	Paper	IF	Citations
22	Single-cell landscape of nuclear configuration and gene expression during stem cell differentiation and X inactivation. <i>Genome Biology</i> , <b>2021</b> , 22, 279	18.3	2
21	Trans- and cis-acting effects of Firre on epigenetic features of the inactive X chromosome. <i>Nature Communications</i> , <b>2020</b> , 11, 6053	17.4	15
20	Capturing cell type-specific chromatin compartment patterns by applying topic modeling to single-cell Hi-C data. <i>PLoS Computational Biology</i> , <b>2020</b> , 16, e1008173	5	20
19	Interactions between core histone marks and DNA methyltransferases predict DNA methylation patterns observed in human cells and tissues. <i>Epigenetics</i> , <b>2020</b> , 15, 272-282	5.7	12
18	DNA methylation estimation using methylation-sensitive restriction enzyme bisulfite sequencing (MREBS). <i>PLoS ONE</i> , <b>2019</b> , 14, e0214368	3.7	10
17	Dynamics of genome reorganization during human cardiogenesis reveal an RBM20-dependent splicing factory. <i>Nature Communications</i> , <b>2019</b> , 10, 1538	17.4	52
16	Orientation-dependent Dxx4 contacts shape the 3D structure of the inactive X chromosome. <i>Nature Communications</i> , <b>2018</b> , 9, 1445	17.4	38
15	X Chromosome Dosage Influences DNA Methylation Dynamics during Reprogramming to Mouse iPSCs. <i>Stem Cell Reports</i> , <b>2018</b> , 10, 1537-1550	8	24
14	Cooperative Binding of Transcription Factors Orchestrates Reprogramming. <i>Cell</i> , <b>2017</b> , 168, 442-459.e20	25.2	274
13	Human Embryonic Stem Cells Do Not Change Their X Inactivation Status during Differentiation. <i>Cell Reports</i> , <b>2017</b> , 18, 54-67	10.6	72
12	Structural aspects of the inactive X chromosome. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2017</b> , 372,	5.8	13
11	Novel features of telomere biology revealed by the absence of telomeric DNA methylation. <i>Genome Research</i> , <b>2016</b> , 26, 1047-56	9.7	14
10	A Genome-Wide Chronological Study of Gene Expression and Two Histone Modifications, H3K4me3 and H3K9ac, during Developmental Leaf Senescence. <i>Plant Physiology</i> , <b>2015</b> , 168, 1246-61	6.6	53
9	A high-throughput screen of inactive X chromosome reactivation identifies the enhancement of DNA demethylation by 5-aza-2dC upon inhibition of ribonucleotide reductase. <i>Epigenetics and Chromatin</i> , <b>2015</b> , 8, 42	5.8	29
8	In vivo targeting of de novo DNA methylation by histone modifications in yeast and mouse. <i>ELife</i> , <b>2015</b> , 4, e06205	8.9	107
7	The Mbd1-Atf7ip-Setdb1 pathway contributes to the maintenance of X chromosome inactivation. <i>Epigenetics and Chromatin</i> , <b>2014</b> , 7, 12	5.8	50
6	A mechanistic link between gene regulation and genome architecture in mammalian development. <i>Current Opinion in Genetics and Development</i> , <b>2014</b> , 27, 92-101	4.9	34

5	X chromosome reactivation dynamics reveal stages of reprogramming to pluripotency. <i>Cell</i> , <b>2014</b> , 159, 1681-97	56.2	77
4	Long-range chromatin contacts in embryonic stem cells reveal a role for pluripotency factors and polycomb proteins in genome organization. <i>Cell Stem Cell</i> , <b>2013</b> , 13, 602-16	18	197
3	Orientation-dependent Dxz4 contacts shape the 3D structure of the inactive X chromosome		3
2	Unsupervised manifold alignment for single-cell multi-omics data		4
1	Trans- and cis-acting effects of the lncRNA Firre on epigenetic and structural features of the inactive X chromosome		7