Raffaella Santoro

List of Publications by Year
in descending order

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47	3,730	186265	214800
papers	citations	28 h-index	47 g-index

52	52	52	4973
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The nucleolar remodeling complex NoRC mediates heterochromatin formation and silencing of ribosomal gene transcription. Nature Genetics, 2002, 32, 393-396.	21.4	393
2	Intergenic Transcripts Regulate the Epigenetic State of rRNA Genes. Molecular Cell, 2006, 22, 351-361.	9.7	302
3	The epigenetic modifier EZH2 controls melanoma growth and metastasis through silencing of distinct tumour suppressors. Nature Communications, 2015, 6, 6051.	12.8	281
4	Molecular Mechanisms Mediating Methylation-Dependent Silencing of Ribosomal Gene Transcription. Molecular Cell, 2001, 8, 719-725.	9.7	231
5	The chromatin remodeling complex NoRC targets HDAC1 to the ribosomal gene promoter and represses RNA polymerase I transcription. EMBO Journal, 2002, 21, 4632-4640.	7.8	212
6	The NoRC complex mediates the heterochromatin formation and stability of silent rRNA genes and centromeric repeats. EMBO Journal, 2010, 29, 2135-2146.	7.8	170
7	Epigenetic Mechanism of rRNA Gene Silencing: Temporal Order of NoRC-Mediated Histone Modification, Chromatin Remodeling, and DNA Methylation. Molecular and Cellular Biology, 2005, 25, 2539-2546.	2.3	156
8	BAZ2A (TIP5) is involved in epigenetic alterations in prostate cancer and its overexpression predicts disease recurrence. Nature Genetics, 2015, 47, 22-30.	21.4	141
9	Inheritance of Silent rDNA Chromatin Is Mediated by PARP1 via Noncoding RNA. Molecular Cell, 2012, 45, 790-800.	9.7	136
10	Epigenetic disruption of ribosomal RNA genes and nucleolar architecture in DNA methyltransferase 1 (Dnmt1) deficient cells. Nucleic Acids Research, 2007, 35, 2191-2198.	14.5	128
11	Inflammasome-Activated Caspase 7 Cleaves PARP1 to Enhance the Expression of a Subset of NF-Î²B Target Genes. Molecular Cell, 2012, 46, 200-211.	9.7	128
12	lncRNA Maturation to Initiate Heterochromatin Formation in the Nucleolus Is Required for Exit from Pluripotency in ESCs. Cell Stem Cell, 2014, 15, 720-734.	11.1	124
13	EZH2-Mediated Primary Cilium Deconstruction Drives Metastatic Melanoma Formation. Cancer Cell, 2018, 34, 69-84.e14.	16.8	123
14	Intergenic transcripts originating from a subclass of ribosomal DNA repeats silence ribosomal RNA genes in trans. EMBO Reports, 2010, 11, 52-58.	4.5	106
15	The chromatin remodeling complex NoRC controls replication timing of rRNA genes. EMBO Journal, 2005, 24, 120-127.	7.8	98
16	Genome Organization in and around the Nucleolus. Cells, 2019, 8, 579.	4.1	92
17	Antagonistic Cross-Regulation between Sox9 and Sox10 Controls an Anti-tumorigenic Program in Melanoma. PLoS Genetics, 2015, 11, e1004877.	3.5	85
18	Formation of nuclear heterochromatin. Epigenetics, 2012, 7, 811-814.	2.7	78

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19	Methylation-dependent SOX9 expression mediates invasion in human melanoma cells and is a negative prognostic factor in advanced melanoma. Genome Biology, 2015, 16, 42.	8.8	76
20	Oxidative stress in sperm affects the epigenetic reprogramming in early embryonic development. Epigenetics and Chromatin, 2018, 11, 60.	3.9	70
21	Nuclear envelope alterations generate an agingâ€like epigenetic pattern in mice deficient in Zmpste24 metalloprotease. Aging Cell, 2010, 9, 947-957.	6.7	50
22	The expanding role of <scp>PARP</scp>s in the establishment and maintenance of heterochromatin. FEBS Journal, 2013, 280, 3508-3518.	4.7	50
23	Helicase CHD4 is an epigenetic coregulator of PAX3-FOXO1 in alveolar rhabdomyosarcoma. Journal of Clinical Investigation, 2016, 126, 4237-4249.	8.2	46
24	ARTD2 activity is stimulated by RNA. Nucleic Acids Research, 2014, 42, 5072-5082.	14.5	42
25	The <scp>RNA</scp> helicase <scp>DHX</scp>9 establishes nucleolar heterochromatin, and this activity is required for embryonic stem cell differentiation. EMBO Reports, 2017, 18, 1248-1262.	4.5	42
26	Nucleolus and rRNA Gene Chromatin in Early Embryo Development. Trends in Genetics, 2019, 35, 868-879.	6.7	38
27	Challenges in the analysis of long noncoding <scp>RNA</scp> functionality. FEBS Letters, 2016, 590, 2342-2353.	2.8	37
28	Regulation and Roles of the Nucleolus in Embryonic Stem Cells: From Ribosome Biogenesis to Genome Organization. Stem Cell Reports, 2020, 15, 1206-1219.	4.8	37
29	Pramel7 mediates ground-state pluripotency through proteasomalâ€“epigenetic combined pathways. Nature Cell Biology, 2017, 19, 763-773.	10.3	33
30	Genome-wide maps of nucleolus interactions reveal distinct layers of repressive chromatin domains. Nature Communications, 2022, 13, 1483.	12.8	32
31	Epigenetic Engineering of Ribosomal RNA Genes Enhances Protein Production. PLoS ONE, 2009, 4, e6653.	2.5	24
32	BAZ2Aâ€mediated repression via H3K14acâ€marked enhancers promotes prostate cancer stem cells. EMBO Reports, 2021, 22, e53014.	4.5	19
33	Analysis of Chromatin Composition of Repetitive Sequences: The ChIP-Chop Assay. Methods in Molecular Biology, 2014, 1094, 319-328.	0.9	19
34	Many players, one goal: how chromatin states are inherited during cell division. Biochemistry and Cell Biology, 2005, 83, 332-343.	2.0	18
35	TIP5 primes prostate luminal cells for the oncogenic transformation mediated by PTEN -loss. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 3637-3647.	7.1	17
36	Identification of cis- and trans-acting elements regulating calretinin expression in mesothelioma cells. Oncotarget, 2016, 7, 21272-21286.	1.8	17

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37	Epigenetic control of melanoma cell invasiveness by the stem cell factor SALL4. Nature Communications, 2021, 12, 5056.	12.8	15
38	<scp>BAZ</scp> 2A safeguards genome architecture of groundâ€state pluripotent stem cells. EMBO Journal, 2020, 39, e105606.	7.8	14
39	Specific Inhibitory Effect of H1e Histone Somatic Variant onin VitroDNA-Methylation Process. Biochemical and Biophysical Research Communications, 1996, 220, 102-107.	2.1	12
40	Noncoding RNAs link PARP1 to heterochromatin. Cell Cycle, 2012, 11, 2217-2218.	2.6	8
41	Does hypomethylation of linker DNA play a role in chromatin condensation?. Gene, 1995, 157, 247-251.	2.2	5
42	Specific variants of HI histone regulate CpG methylation in eukaryotic DNA. Gene, 1995, 157, 253-256.	2.2	4
43	UV-Laser Induced Protein/DNA Crosslinking Reveals Sequence Variations of DNA Elements Bound by c-Junin Vivo. Biochemical and Biophysical Research Communications, 1999, 256, 68-74.	2.1	4
44	H1â€“H1 Cross-Linking Efficiency Depends on Genomic DNA Methylation. Biochemical and Biophysical Research Communications, 1996, 227, 768-774.	2.1	1
45	The NoRC complex mediates heterochromatin formation and stability of silent rRNA genes and centromeric repeats. EMBO Journal, 2010, 29, 2253-2253.	7.8	1
46	Epigenetics and Cancer. Learning Materials in Biosciences, 2021, , 151-177.	0.4	1
47	Looking for a job in a dynamic and collaborative working place? LncRNAs are recruiting!. Cell, 2021, 184, 6019-6021.	28.9	1