Beatrice Bodega

List of Publications by Year
in descending order

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34 papers	5,122 citations	361045 20 h-index	395343 33 g-index
35 all docs	35 docs citations	35 times ranked	11681 citing authors

#	Article	IF	Citations
1	LINE1 are spliced in non-canonical transcript variants to regulate T cell quiescence and exhaustion. Nature Genetics, 2022, 54, 180-193.	9.4	39
2	Early maternal care restores LINE-1 methylation and enhances neurodevelopment in preterm infants. BMC Medicine, 2021, 19, 42.	2.3	17
3	Discovery of widespread transcription initiation at microsatellites predictable by sequence-based deep neural network. Nature Communications, 2021, 12, 3297.	5.8	11
4	3D COMBO chrRNAâ€“DNAâ€“ImmunoFISH. Methods in Molecular Biology, 2021, 2157, 281-297.	0.4	1
5	An Algorithm for the Analysis of the 3D Spatial Organization of the Genome. Methods in Molecular Biology, 2021, 2157, 299-320.	0.4	3
6	Profound alterations of the chromatin architecture at chromosome 11p15.5 in cells from Beckwith-Wiedemann and Silver-Russell syndromes patients. Scientific Reports, 2020, 10, 8275.	1.6	11
7	The Sophisticated Transcriptional Response Governed by Transposable Elements in Human Health and Disease. International Journal of Molecular Sciences, 2020, 21, 3201.	1.8	8
8	3D Multicolor DNA FISH Tool to Study Nuclear Architecture in Human Primary Cells. Journal of Visualized Experiments, 2020, , .	0.2	1
9	Dysfunctional polycomb transcriptional repression contributes to lamin A/Câ€“dependent muscular dystrophy. Journal of Clinical Investigation, 2020, 130, 2408-2421.	3.9	32
10	NIPBL: a new player in myeloid cell differentiation. Haematologica, 2019, 104, 1332-1341.	1.7	22
11	4q-D4Z4 chromatin architecture regulates the transcription of muscle atrophic genes in facioscapulohumeral muscular dystrophy. Genome Research, 2019, 29, 883-895.	2.4	18
12	Mutational signatures of early-onset colorectal cancer.. Journal of Clinical Oncology, 2019, 37, e15113-e15113.	0.8	0
13	How Polycombâ€Mediated Cell Memory Deals With a Changing Environment. BioEssays, 2018, 40, e1700137.	1.2	27
14	A cytosolic Ezh1 isoform modulates a PRC2â€“Ezh1 epigenetic adaptive response in postmitotic cells. Nature Structural and Molecular Biology, 2017, 24, 444-452.	3.6	35
15	FANTOM5 CAGE profiles of human and mouse samples. Scientific Data, 2017, 4, 170112.	2.4	195
16	Chromosome Conformation Capture in Primary Human Cells. Methods in Molecular Biology, 2016, 1480, 213-221.	0.4	5
17	The Constrained Maximal Expression Level Owing to Haploidy Shapes Gene Content on the Mammalian X Chromosome. PLoS Biology, 2015, 13, e1002315.	2.6	32
18	Transcribed enhancers lead waves of coordinated transcription in transitioning mammalian cells. Science, 2015, 347, 1010-1014.	6.0	517

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19	The long intergenic noncoding RNA landscape of human lymphocytes highlights the regulation of T cell differentiation by linc-MAF-4. Nature Immunology, 2015, 16, 318-325.	7.0	300
20	Genome-wide association between YAP/TAZ/TEAD andÂAP-1 at enhancers drives oncogenic growth. Nature Cell Biology, 2015, 17, 1218-1227.	4.6	865
21	Lamin A/C sustains PcG protein architecture, maintaining transcriptional repression at target genes. Journal of Cell Biology, 2015, 211, 533-551.	2.3	96
22	A promoter-level mammalian expression atlas. Nature, 2014, 507, 462-470.	13.7	1,838
23	Repetitive elements dynamics in cell identity programming, maintenance and disease. Current Opinion in Cell Biology, 2014, 31, 67-73.	2.6	37
24	Evolutionary history of linked D4Z4 and Beta satellite clusters at the FSHD locus (4q35). Genomics, 2012, 100, 289-296.	1.3	5
25	A Long ncRNA Links Copy Number Variation to a Polycomb/Trithorax Epigenetic Switch in FSHD Muscular Dystrophy. Cell, 2012, 149, 819-831.	13.5	341
26	Chromatin regulated interchange between polycomb repressive complex 2 (PRC2)-Ezh2 and PRC2-Ezh1 complexes controls myogenin activation in skeletal muscle cells. Epigenetics and Chromatin, 2011, 4, 16.	1.8	113
27	Expression Profiling of FSHD-1 and FSHD-2 Cells during Myogenic Differentiation Evidences Common and Distinctive Gene Dysregulation Patterns. PLoS ONE, 2011, 6, e20966.	1.1	39
28	Remodeling of the chromatin structure of the facioscapulohumeral muscular dystrophy (FSHD) locus and upregulation of FSHD-related gene 1 (FRG1) expression during human myogenic differentiation. BMC Biology, 2009, 7, 41.	1.7	81
29	Forced expression of RDH10 gene retards growth of HepG2 cells. Cancer Biology and Therapy, 2007, 6, 238-245.	1.5	21
30	Evolutionary genomic remodelling of the human 4q subtelomere (4q35.2). BMC Evolutionary Biology, 2007, 7, 39.	3.2	11
31	Influence of intermediate and uninterrupted FMR1 CGG expansions in premature ovarian failure manifestation. Human Reproduction, 2006, 21, 952-957.	0.4	162
32	Identification of New Variants of HumanBMP15Gene in a Large Cohort of Women with Premature Ovarian Failure. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 1976-1979.	1.8	196
33	The boundary of macaque rDNA is constituted by low-copy sequences conserved during evolution. Genomics, 2006, 88, 564-571.	1.3	6
34	Mutations in the coding region of the FOXL2 gene are not a major cause of idiopathic premature ovarian failure. Molecular Human Reproduction, 2004, 10, 555-557.	1.3	37