

Petros Kolovos

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,209
citations

430874

18
h-index

501196

28
g-index

32
all docs

32
docs citations

32
times ranked

4208
citing authors

#	ARTICLE	IF	CITATIONS
1	Cohesin and CTCF differentially affect chromatin architecture and gene expression in human cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 996-1001.	7.1	700
2	The core spliceosome as target and effector of non-canonical ATM signalling. <i>Nature</i> , 2015, 523, 53-58.	27.8	212
3	PRC2 Facilitates the Regulatory Topology Required for Poised Enhancer Function during Pluripotent Stem Cell Differentiation. <i>Cell Stem Cell</i> , 2017, 20, 689-705.e9.	11.1	198
4	Multiplexed chromosome conformation capture sequencing for rapid genome-scale high-resolution detection of long-range chromatin interactions. <i>Nature Protocols</i> , 2013, 8, 509-524.	12.0	130
5	Enhancers and silencers: an integrated and simple model for their function. <i>Epigenetics and Chromatin</i> , 2012, 5, 1.	3.9	119
6	Modeling the Pathological Long-Range Regulatory Effects of Human Structural Variation with Patient-Specific hiPSCs. <i>Cell Stem Cell</i> , 2019, 24, 736-752.e12.	11.1	90
7	Targeted Chromatin Capture (T2C): a novel high resolution high throughput method to detect genomic interactions and regulatory elements. <i>Epigenetics and Chromatin</i> , 2014, 7, 10.	3.9	74
8	The Isl1/Ldb1 Complex Orchestrates Genome-wide Chromatin Organization to Instruct Differentiation of Multipotent Cardiac Progenitors. <i>Cell Stem Cell</i> , 2015, 17, 287-299.	11.1	74
9	Pre-B Cell Receptor Signaling Induces Immunoglobulin \hat{I}^{α} Locus Accessibility by Functional Redistribution of Enhancer-Mediated Chromatin Interactions. <i>PLoS Biology</i> , 2014, 12, e1001791.	5.6	72
10	Control of developmentally primed erythroid genes by combinatorial co-repressor actions. <i>Nature Communications</i> , 2015, 6, 8893.	12.8	67
11	Exploiting native forces to capture chromosome conformation in mammalian cell nuclei. <i>Molecular Systems Biology</i> , 2016, 12, 891.	7.2	52
12	Inter-Relationship between Testicular Dysgenesis and Leydig Cell Function in the Masculinization Programming Window in the Rat. <i>PLoS ONE</i> , 2012, 7, e30111.	2.5	51
13	TNF \hat{I}^{α} signalling primes chromatin for NF- \hat{I}^{α} B binding and induces rapid and widespread nucleosome repositioning. <i>Genome Biology</i> , 2014, 15, 536.	8.8	45
14	Binding of nuclear factor \hat{I}^{α} B to noncanonical consensus sites reveals its multimodal role during the early inflammatory response. <i>Genome Research</i> , 2016, 26, 1478-1489.	5.5	43
15	TRIM33 switches off <i>lfnb1</i> gene transcription during the late phase of macrophage activation. <i>Nature Communications</i> , 2015, 6, 8900.	12.8	42
16	Transcription regulation by distal enhancers. <i>Transcription</i> , 2012, 3, 181-186.	3.1	39
17	PR-DUB maintains the expression of critical genes through FOXK1/2- and ASXL1/2/3-dependent recruitment to chromatin and H2AK119ub1 deubiquitination. <i>Genome Research</i> , 2020, 30, 1119-1130.	5.5	36
18	The detailed 3D multi-loop aggregate/rosette chromatin architecture and functional dynamic organization of the human and mouse genomes. <i>Epigenetics and Chromatin</i> , 2016, 9, 58.	3.9	25

#	ARTICLE	IF	CITATIONS
19	Chromatin Conformation in Development and Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 723859.	3.7	25
20	Whole-Genome Sequencing, Phylogenetic and Genomic Analysis of <i>Lactiplantibacillus pentosus</i> L33, a Potential Probiotic Strain Isolated From Fermented Sausages. <i>Frontiers in Microbiology</i> , 2021, 12, 746659.	3.5	24
21	Regulation of the cohesin-loading factor NIPBL: Role of the lncRNA NIPBL-AS1 and identification of a distal enhancer element. <i>PLoS Genetics</i> , 2017, 13, e1007137.	3.5	14
22	Genomic and Phylogenetic Analysis of <i>Lactiplantibacillus plantarum</i> L125, and Evaluation of Its Anti-Proliferative and Cytotoxic Activity in Cancer Cells. <i>Biomedicines</i> , 2021, 9, 1718.	3.2	14
23	Genomic Insight Into <i>Lactocaseibacillus paracasei</i> SP5, Reveals Genes and Gene Clusters of Probiotic Interest and Biotechnological Potential. <i>Frontiers in Microbiology</i> , 0, 13, .	3.5	14
24	Investigation of the spatial structure and interactions of the genome at sub-kilobase-pair resolution using T2C. <i>Nature Protocols</i> , 2018, 13, 459-477.	12.0	13
25	Whole transcriptome analysis of human erythropoietic cells during ontogenesis suggests a role of VEGFA gene as modulator of fetal hemoglobin and pharmacogenomic biomarker of treatment response to hydroxyurea in β^2 -type hemoglobinopathy patients. <i>Human Genomics</i> , 2017, 11, 24.	2.9	11
26	Targeted chromatin conformation analysis identifies novel distal neural enhancers of ZEB2 in pluripotent stem cell differentiation. <i>Human Molecular Genetics</i> , 2020, 29, 2535-2550.	2.9	10
27	Interplay between FLI-1 and the LDB1 complex in murine erythroleukemia cells and during megakaryopoiesis. <i>IScience</i> , 2021, 24, 102210.	4.1	6
28	The dynamic emergence of GATA1 complexes identified in <i>in vitro</i> embryonic stem cell differentiation and <i>in vivo</i> mouse fetal liver. <i>Haematologica</i> , 2020, 105, 1802-1812.	3.5	6
29	Low Input Targeted Chromatin Capture (Low-T2C). <i>Methods in Molecular Biology</i> , 2021, 2351, 165-179.	0.9	1
30	Disruption of the TFAP2A Regulatory Domain Causes Banchio-Oculo-Facial Syndrome (BOFS) and Illuminates Pathomechanisms for Other Human Neurocristopathies. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
31	Identification of SOX2 Interacting Proteins in the Developing Mouse Lung With Potential Implications for Congenital Diaphragmatic Hernia. <i>Frontiers in Pediatrics</i> , 2022, 10, .	1.9	1