

Daan Noordermeer

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

2,955
citations

361045

20
h-index

454577

30
g-index

44
all docs

44
docs citations

44
times ranked

4140
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancer loops appear stable during development and are associated with paused polymerase. <i>Nature</i> , 2014, 512, 96-100.	13.7	450
2	A Switch Between Topological Domains Underlies <i>HoxD</i> Genes Collinearity in Mouse Limbs. <i>Science</i> , 2013, 340, 1234-167.	6.0	391
3	The Dynamic Architecture of <i>Hox</i> Gene Clusters. <i>Science</i> , 2011, 334, 222-225.	6.0	370
4	Secondary metabolic gene cluster silencing in <i>Aspergillus nidulans</i> . <i>Molecular Microbiology</i> , 2006, 61, 1636-1645.	1.2	200
5	Loop extrusion as a mechanism for formation of DNA damage repair foci. <i>Nature</i> , 2021, 590, 660-665.	13.7	175
6	Clustering of mammalian <i>Hox</i> genes with other H3K27me3 targets within an active nuclear domain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 4672-4677.	3.3	143
7	Conservation and Divergence of Regulatory Strategies at <i>Hox</i> Loci and the Origin of Tetrapod Digits. <i>PLoS Biology</i> , 2014, 12, e1001773.	2.6	137
8	Variiegated gene expression caused by cell-specific long-range DNA interactions. <i>Nature Cell Biology</i> , 2011, 13, 944-951.	4.6	133
9	Temporal dynamics and developmental memory of 3D chromatin architecture at <i>Hox</i> gene loci. <i>ELife</i> , 2014, 3, e02557.	2.8	125
10	HTSstation: A Web Application and Open-Access Libraries for High-Throughput Sequencing Data Analysis. <i>PLoS ONE</i> , 2014, 9, e85879.	1.1	93
11	Chapter 5 Three-dimensional Organization of Gene Expression in Erythroid Cells. <i>Current Topics in Developmental Biology</i> , 2008, 82, 117-139.	1.0	75
12	Joining the loops: β -Globin gene regulation. <i>IUBMB Life</i> , 2008, 60, 824-833.	1.5	74
13	TADs and Their Borders: Free Movement or Building a Wall?. <i>Journal of Molecular Biology</i> , 2020, 432, 643-652.	2.0	70
14	Transcription and Chromatin Organization of a Housekeeping Gene Cluster Containing an Integrated β -Globin Locus Control Region. <i>PLoS Genetics</i> , 2008, 4, e1000016.	1.5	68
15	CTCF modulates allele-specific sub-TAD organization and imprinted gene activity at the mouse <i>Dlk1-Dio3</i> and <i>Igf2-H19</i> domains. <i>Genome Biology</i> , 2019, 20, 272.	3.8	56
16	GKAP Acts as a Genetic Modulator of NMDAR Signaling to Govern Invasive Tumor Growth. <i>Cancer Cell</i> , 2018, 33, 736-751.e5.	7.7	53
17	Chromatin Architectures and <i>Hox</i> Gene Collinearity. <i>Current Topics in Developmental Biology</i> , 2013, 104, 113-148.	1.0	48
18	Detecting Long-Range Chromatin Interactions Using the Chromosome Conformation Capture Sequencing (4C-seq) Method. <i>Methods in Molecular Biology</i> , 2012, 786, 211-225.	0.4	43

#	ARTICLE	IF	CITATIONS
19	Determination of High-Resolution 3D Chromatin Organization Using Circular Chromosome Conformation Capture (4C-seq). <i>Methods in Molecular Biology</i> , 2016, 1480, 223-241.	0.4	31
20	Large scale genomic reorganization of topological domains at the HoxD locus. <i>Genome Biology</i> , 2017, 18, 149.	3.8	31
21	A fast Myosin super enhancer dictates muscle fiber phenotype through competitive interactions with Myosin genes. <i>Nature Communications</i> , 2022, 13, 1039.	5.8	26
22	MadID, a Versatile Approach to Map Protein-DNA Interactions, Highlights Telomere-Nuclear Envelope Contact Sites in Human Cells. <i>Cell Reports</i> , 2018, 25, 2891-2903.e5.	2.9	24
23	Differential 3D chromatin organization and gene activity in genomic imprinting. <i>Current Opinion in Genetics and Development</i> , 2020, 61, 17-24.	1.5	21
24	Krox20 hindbrain regulation incorporates multiple modes of cooperation between cis-acting elements. <i>PLoS Genetics</i> , 2017, 13, e1006903.	1.5	18
25	Loss of EZH2-like or SU(VAR)3 $\hat{=}$ 9-like proteins causes simultaneous perturbations in H3K27 and H3K9 tri-methylation and associated developmental defects in the fungus <i>Podospora anserina</i> . <i>Epigenetics and Chromatin</i> , 2021, 14, 22.	1.8	18
26	Chromatin looping and organization at developmentally regulated gene loci. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2013, 2, 615-630.	5.9	15
27	CTCF: A misguided jack-of-all-trades in cancer cells. <i>Computational and Structural Biotechnology Journal</i> , 2022, 20, 2685-2698.	1.9	12
28	Statistics of chromatin organization during cell differentiation revealed by heterogeneous cross-linked polymers. <i>Nature Communications</i> , 2019, 10, 2626.	5.8	11
29	Dynamic enhancer partitioning instructs activation of a growth-related gene during exit from naïve pluripotency. <i>ELife</i> , 2019, 8, .	2.8	11
30	Of Dots and Stripes: The Morse Code of Micro-C Reveals the Ultrastructure of Transcriptional and Architectural Mammalian 3D Genome Organization. <i>Molecular Cell</i> , 2020, 78, 376-378.	4.5	4
31	Promoter $\hat{=}$ Enhancer Looping and Regulatory Neighborhoods. , 2018, , 435-456.		3
32	3D genome organization: setting the stage and introducing its players. <i>Briefings in Functional Genomics</i> , 2020, 19, 69-70.	1.3	0