Wouter Meuleman

List of Publications by Year
in descending order

17 papers	11,118 citations	516710 16 h-index	839539 18 g-index
22 all docs	22 docs citations	22 times ranked	22803 citing authors

#	Article	IF	Citations
1	Integrative analysis of 111 reference human epigenomes. Nature, 2015, 518, 317-330.	27.8	5,653
2	Domain organization of human chromosomes revealed by mapping of nuclear lamina interactions. Nature, 2008, 453, 948-951.	27.8	1,658
3	<i>FTO</i> Obesity Variant Circuitry and Adipocyte Browning in Humans. New England Journal of Medicine, 2015, 373, 895-907.	27.0	1,105
4	Molecular Maps of the Reorganization of Genome-Nuclear Lamina Interactions during Differentiation. Molecular Cell, 2010, 38, 603-613.	9.7	916
5	Constitutive nuclear lamina–genome interactions are highly conserved and associated with A/T-rich sequence. Genome Research, 2013, 23, 270-280.	5.5	377
6	Chromatin Position Effects Assayed by Thousands of Reporters Integrated in Parallel. Cell, 2013, 154, 914-927.	28.9	283
7	Regulatory genomic circuitry of human disease loci by integrative epigenomics. Nature, 2021, 590, 300-307.	27.8	232
8	Global reference mapping of human transcription factor footprints. Nature, 2020, 583, 729-736.	27.8	228
9	Index and biological spectrum of human DNase I hypersensitive sites. Nature, 2020, 584, 244-251.	27.8	207
10	The Insulator Protein SU(HW) Fine-Tunes Nuclear Lamina Interactions of the Drosophila Genome. PLoS ONE, 2010, 5, e15013.	2.5	95
11	Mapping of lamin A- and progerin-interacting genome regions. Chromosoma, 2012, 121, 447-464.	2.2	86
12	A genome-wide atlas of co-essential modules assigns function to uncharacterized genes. Nature Genetics, 2021, 53, 638-649.	21.4	86
13	Biclustering Sparse Binary Genomic Data. Journal of Computational Biology, 2008, 15, 1329-1345.	1.6	48
14	Multi-scale chromatin state annotation using a hierarchical hidden Markov model. Nature Communications, 2017, 8, 15011.	12.8	40
15	Small chromosomal regions position themselves autonomously according to their chromatin class. Genome Research, 2017, 27, 922-933.	5.5	39
16	Nuclear p120-catenin contributes to anoikis resistance of Lobular Breast Cancer through Kaiso-dependent Wnt11 expression. DMM Disease Models and Mechanisms, 2015, 8, 373-84.	2.4	29
17	Automated sequence-based annotation and interpretation of the human genome. Nature Genetics, 2022, 54, 916-917.	21.4	1