

Peter Meister

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

2,180
citations

331670

21
h-index

395702

33
g-index

41
all docs

41
docs citations

41
times ranked

2672
citing authors

#	ARTICLE	IF	CITATIONS
1	Step-Wise Methylation of Histone H3K9 Positions Heterochromatin at the Nuclear Periphery. <i>Cell</i> , 2012, 150, 934-947.	28.9	524
2	Nonlinear control of transcription through enhancer-promoter interactions. <i>Nature</i> , 2022, 604, 571-577.	27.8	187
3	The spatial dynamics of tissue-specific promoters during <i>C. elegans</i> development. <i>Genes and Development</i> , 2010, 24, 766-782.	5.9	180
4	The nuclear envelope—a scaffold for silencing?. <i>Current Opinion in Genetics and Development</i> , 2009, 19, 180-186.	3.3	130
5	An EDMD Mutation in <i>C. elegans</i> Lamin Blocks Muscle-Specific Gene Relocation and Compromises Muscle Integrity. <i>Current Biology</i> , 2011, 21, 1603-1614.	3.9	125
6	Visualizing Yeast Chromosomes and Nuclear Architecture. <i>Methods in Enzymology</i> , 2010, 470, 535-567.	1.0	78
7	Nuclear Geometry and Rapid Mitosis Ensure Asymmetric Episome Segregation in Yeast. <i>Current Biology</i> , 2011, 21, 25-33.	3.9	78
8	Replication foci dynamics: replication patterns are modulated by S-phase checkpoint kinases in fission yeast. <i>EMBO Journal</i> , 2007, 26, 1315-1326.	7.8	73
9	Nuclear factories for signalling and repairing DNA double strand breaks in living fission yeast. <i>Nucleic Acids Research</i> , 2003, 31, 5064-5073.	14.5	72
10	Temporal separation of replication and recombination requires the intra-S checkpoint. <i>Journal of Cell Biology</i> , 2005, 168, 537-544.	5.2	72
11	Locking the genome: nuclear organization and cell fate. <i>Current Opinion in Genetics and Development</i> , 2011, 21, 167-174.	3.3	68
12	Modules for cloning—free chromatin tagging in <i>Saccharomyces cerevisiae</i> . <i>Yeast</i> , 2008, 25, 235-239.	1.7	63
13	Promoter- and RNA polymerase II-dependent <i>hsp-16</i> gene association with nuclear pores in <i>Caenorhabditis elegans</i> . <i>Journal of Cell Biology</i> , 2013, 200, 589-604.	5.2	60
14	Building silent compartments at the nuclear periphery: a recurrent theme. <i>Current Opinion in Genetics and Development</i> , 2013, 23, 96-103.	3.3	55
15	<i>Caenorhabditis elegans</i> Heterochromatin protein 1 (HPL-2) links developmental plasticity, longevity and lipid metabolism. <i>Genome Biology</i> , 2011, 12, R123.	9.6	52
16	Differential spatial and structural organization of the X chromosome underlies dosage compensation in <i>C. elegans</i> . <i>Genes and Development</i> , 2014, 28, 2591-2596.	5.9	48
17	Coupling 1D modifications and 3D nuclear organization: data, models and function. <i>Current Opinion in Cell Biology</i> , 2017, 44, 20-27.	5.4	37
18	From single genes to entire genomes: the search for a function of nuclear organization. <i>Development (Cambridge)</i> , 2016, 143, 910-923.	2.5	34

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19	Modern techniques for the analysis of chromatin and nuclear organization in <i>C. elegans</i> . WormBook, 2014, , 1-35.	5.3	34
20	A Conserved Role for p48 Homologs in Protecting Dopaminergic Neurons from Oxidative Stress. PLoS Genetics, 2014, 10, e1004718.	3.5	33
21	Males as somatic investment in a parthenogenetic nematode. Science, 2019, 363, 1210-1213.	12.6	24
22	In and out of the Replication Factory. Cell, 2006, 125, 1233-1235.	28.9	22
23	Tissue-Specific Transcription Footprinting Using RNA Pol DamID (RAPID) in <i>Caenorhabditis elegans</i> . Genetics, 2020, 216, 931-945.	2.9	21
24	DamID Analysis of Nuclear Organization in <i>Caenorhabditis elegans</i> . Methods in Molecular Biology, 2016, 1411, 341-358.	0.9	14
25	Modern Tools to Study Nuclear Pore Complexes and Nucleocytoplasmic Transport in <i>Caenorhabditis elegans</i> . Methods in Cell Biology, 2014, 122, 277-310.	1.1	10
26	Tools for <i>scp</i> DNA adenine methyltransferase identification analysis of nuclear organization during <i>C. elegans</i> development. Genesis, 2016, 54, 151-159.	1.6	9
27	Linking dosage compensation and X chromosome nuclear organization in <i>C. elegans</i> . Nucleus, 2015, 6, 266-272.	2.2	6
28	Dosage compensation and nuclear organization: cluster to control chromosome-wide gene expression. Current Opinion in Genetics and Development, 2016, 37, 9-16.	3.3	6
29	Polycomb and Notch signaling regulate cell proliferation potential during <i>Caenorhabditis elegans</i> life cycle. Life Science Alliance, 2019, 2, e201800170.	2.8	6
30	Female meiosis II and pronuclear fusion require the microtubule transport factor Bicaudal D. Development (Cambridge), 2022, 149, .	2.5	6
31	Nuclear organization in the nematode <i>C. elegans</i> . Current Opinion in Cell Biology, 2013, 25, 395-402.	5.4	5
32	Generation of Inexpensive, Highly Labeled Probes for Fluorescence In Situ Hybridization (FISH). STAR Protocols, 2020, 1, 100006.	1.2	5
33	Microscopic Analysis of Chromatin Localization and Dynamics in <i>C. elegans</i> . Methods in Molecular Biology, 2013, 1042, 153-172.	0.9	4
34	Chromosomes and Chromatin in the Nematode Nucleus. , 2018, , 533-556.		0
35	Widespread promoter-driven expression during development. MicroPublication Biology, 2021, 2021, .	0.1	0
36	Tissue-specific DamID protocol using nanopore sequencing. Journal of Biological Methods, 2021, 8, e152.	0.6	0