Jason H Brickner

List of Publications by Year
in descending order

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48	3,494	218677	206112
papers	citations	26 h-index	48 g-index

56	56	56	3397
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Nuclear Pore Complex as a Transcription Regulator. Cold Spring Harbor Perspectives in Biology, 2022, 14, a039438.	5.5	23
2	Mitotically heritable, RNA polymerase II-independent H3K4 dimethylation stimulates INO1 transcriptional memory. ELife, 2022, 11, .	6.0	14
3	Random sub-diffusion and capture of genes by the nuclear pore reduces dynamics and coordinates inter-chromosomal movement. ELife, 2021, 10, .	6.0	9
4	The Role of Transcription Factors and Nuclear Pore Proteins in Controlling the Spatial Organization of the Yeast Genome. Developmental Cell, 2019, 49, 936-947.e4.	7.0	44
5	Nuclear Pore Complex in Genome Organization and Gene Expression in Yeast. , 2018, , 87-109.		3
6	Genetic and epigenetic control of the spatial organization of the genome. Molecular Biology of the Cell, 2017, 28, 364-369.	2.1	15
7	Epigenetic Transcriptional Memory of GAL Genes Depends on Growth in Glucose and the Tup1 Transcription Factor in Saccharomyces cerevisiae. Genetics, 2017, 206, 1895-1907.	2.9	35
8	Memory Is the Treasury and Guardian of All Things. Molecular Cell, 2017, 66, 5-6.	9.7	2
9	Nuclear Pore Complexes: A Scaffold Regulating Developmental Transcription?. Trends in Cell Biology, 2017, 27, 621-622.	7.9	2
10	Genetic and Epigenetic Strategies Potentiate Gal4 Activation to Enhance Fitness in Recently Diverged Yeast Species. Current Biology, 2017, 27, 3591-3602.e3.	3.9	18
11	Epigenetic transcriptional memory. Current Genetics, 2017, 63, 435-439.	1.7	113
12	Nup98 regulation of histone methylation promotes normal gene expression and may drive leukemogenesis. Genes and Development, 2017, 31, 2201-2203.	5.9	7
13	The dynamic three-dimensional organization of the diploid yeast genome. ELife, 2017, 6, .	6.0	57
14	Subnuclear positioning and interchromosomal clustering of theGAL1-10locus are controlled by separable, interdependent mechanisms. Molecular Biology of the Cell, 2016, 27, 2980-2993.	2.1	42
15	Transcription factors dynamically control the spatial organization of the yeast genome. Nucleus, 2016, 7, 369-374.	2.2	25
16	Strategies to regulate transcription factorâ€“mediated gene positioning and interchromosomal clustering at the nuclear periphery. Journal of Cell Biology, 2016, 212, 633-646.	5.2	59
17	Set1/COMPASS and Mediator are repurposed to promote epigenetic transcriptional memory. ELife, 2016, 5, .	6.0	107
18	INO1 transcriptional memory leads to DNA zip code-dependent interchromosomal clustering. Microbial Cell, 2015, 2, 481-490.	3.2	30

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19	Mechanisms of epigenetic memory. Trends in Genetics, 2014, 30, 230-236.	6.7	207
20	Nuclear pore interactions with the genome. Current Opinion in Genetics and Development, 2014, 25, 43-49.	3.3	54
21	Approaches to Studying Subnuclear Organization and Geneâ€“Nuclear Pore Interactions. Methods in Cell Biology, 2014, 122, 463-485.	1.1	16
22	A Conserved Role for Human Nup98 in Altering Chromatin Structure and Promoting Epigenetic Transcriptional Memory. PLoS Biology, 2013, 11, e1001524.	5.6	160
23	Vps Factors Are Required for Efficient Transcription Elongation in Budding Yeast. Genetics, 2013, 193, 829-851.	2.9	19
24	Nuclear pore proteins regulate chromatin structure and transcriptional memory by a conserved mechanism. Nucleus, 2013, 4, 357-360.	2.2	33
25	Interchromosomal clustering of active genes at the nuclear pore complex. Nucleus, 2012, 3, 487-492.	2.2	27
26	Transcription Factor Binding to a DNA Zip Code Controls Interchromosomal Clustering at the Nuclear Periphery. Developmental Cell, 2012, 22, 1234-1246.	7.0	90
27	A New Direction for Gene Looping. Developmental Cell, 2012, 23, 919-921.	7.0	3
28	Compartmentalization of the nucleus. Trends in Cell Biology, 2011, 21, 701-708.	7.9	84
29	Nuclear Architecture: The Cell Biology of a Laminopathy. Current Biology, 2011, 21, R807-R809.	3.9	3
30	Gene positioning and expression. Current Opinion in Cell Biology, 2011, 23, 338-345.	5.4	82
31	Histone H2B ubiquitylation and H3 lysine 4 methylation prevent ectopic silencing of euchromatic loci important for the cellular response to heat. Molecular Biology of the Cell, 2011, 22, 2741-2753.	2.1	13
32	Gene positioning is regulated by phosphorylation of the nuclear pore complex by Cdk1. Cell Cycle, 2011, 10, 392-395.	2.6	8
33	Transcriptional Memory: Staying inÂthe Loop. Current Biology, 2010, 20, R20-R21.	3.9	18
34	DNA zip codes control an ancient mechanism for gene targeting to the nuclear periphery. Nature Cell Biology, 2010, 12, 111-118.	10.3	170
35	Cdk Phosphorylation of a Nucleoporin Controls Localization of Active Genes through the Cell Cycle. Molecular Biology of the Cell, 2010, 21, 3421-3432.	2.1	38
36	A role for DNA sequence in controlling the spatial organization of the genome. Nucleus, 2010, 1, 402-406.	2.2	6

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37	Quantitative Localization of Chromosomal Loci by Immunofluorescence. Methods in Enzymology, 2010, 470, 569-580.	1.0	20
38	Interaction of a DNA Zip Code with the Nuclear Pore Complex Promotes H2A.Z Incorporation andÂINO1 Transcriptional Memory. Molecular Cell, 2010, 40, 112-125.	9.7	175
39	Cohesinopathy mutations disrupt the subnuclear organization of chromatin. Journal of Cell Biology, 2009, 187, 455-462.	5.2	83
40	Transcriptional memory at the nuclear periphery. Current Opinion in Cell Biology, 2009, 21, 127-133.	5.4	63
41	H2A.Z-Mediated Localization of Genes at the Nuclear Periphery Confers Epigenetic Memory of Previous Transcriptional State. PLoS Biology, 2007, 5, e81.	5.6	351
42	Regulation and epigenetic control of transcription at the nuclear periphery. Trends in Genetics, 2007, 23, 396-402.	6.7	53
43	Eisosomes mark static sites of endocytosis. Nature, 2006, 439, 998-1003.	27.8	304
44	Structural Basis of FFAT Motif-Mediated ER Targeting. Structure, 2005, 13, 1035-1045.	3.3	218
45	Gene Recruitment of the Activated INO1 Locus to the Nuclear Membrane. PLoS Biology, 2004, 2, e342.	5.6	357
46	The Tlg SNARE complex is required for TGN homotypic fusion. Journal of Cell Biology, 2001, 155, 969-978.	5.2	37
47	SOI1 Encodes a Novel, Conserved Protein That Promotes TGNâ€“Endosomal Cycling of Kex2p and Other Membrane Proteins by Modulating the Function of Two TGN Localization Signals. Journal of Cell Biology, 1997, 139, 23-36.	5.2	168
48	Identification, Mapping and Linkage Analysis of Randomly Amplified DNA Polymorphisms in Tetrahymena thermophila. Genetics, 1996, 143, 811-821.	2.9	25