Jennifer A Mitchell

List of Publications by Year
in descending order

50 papers	4,784 citations	304743 22 h-index	289244 40 g-index
60 all docs	60 docs citations	60 times ranked	5811 citing authors

#	Article	IF	Citations
1	Histone macroH2A1 is a stronger regulator of hippocampal transcription and memory than macroH2A2 in mice. Communications Biology, 2022, 5, 482.	4.4	5
2	Transcriptional regulation and chromatin architecture maintenance are decoupled functions at the Sox2 locus. Genes and Development, 2022, 36, 699-717.	5.9	17
3	Transcriptional enhancers: from prediction to functional assessment on a genome-wide scale. Genome, 2021, 64, 426-448.	2.0	12
4	The recycling endosome protein Rab25 coordinates collective cell movements in the zebrafish surface epithelium. ELife, 2021, 10, .	6.0	9
5	A flexible repertoire of transcription factor binding sites and a diversity threshold determines enhancer activity in embryonic stem cells. Genome Research, 2021, 31, 564-575.	5.5	36
6	Transcriptional control of parturition: insights from gene regulation studies in the myometrium. Molecular Human Reproduction, 2021, 27, .	2.8	11
7	Testing the super-enhancer concept. Nature Reviews Genetics, 2021, 22, 749-755.	16.3	53
8	Nuclear RNA Isolation and Sequencing. Methods in Molecular Biology, 2021, 2372, 75-83.	0.9	0
9	Genes responsive to rapamycin and serum deprivation are clustered on chromosomes and undergo reorganization within local chromatin environments. Biochemistry and Cell Biology, 2020, 98, 178-190.	2.0	6
10	The pregnant myometrium is epigenetically activated at contractility-driving gene loci prior to the onset of labor in mice. PLoS Biology, 2020, 18, e3000710.	5.6	20
11	Enhancer-gene rewiring in the pathogenesis of Quebec Platelet Disorder. Blood, 2020, 136, 2679-2690.	1.4	13
12	Title is missing!. , 2020, 18, e3000710.		0
13	Title is missing!. , 2020, 18, e3000710.		0
14	Title is missing!. , 2020, 18, e3000710.		0
15	Title is missing!. , 2020, 18, e3000710.		0
16	Title is missing!. , 2020, 18, e3000710.		0
17	Title is missing!. , 2020, 18, e3000710.		0
18	KLF4 protein stability regulated by interaction with pluripotency transcription factors overrides transcriptional control. Genes and Development, 2019, 33, 1069-1082.	5.9	29

#	Article	IF	Citations
19	Pluripotency on Lockdown after Deletion of Three Transcription Regulators. Cell Stem Cell, 2019, 24, 681-683.	11.1	0
20	Variational infinite heterogeneous mixture model for semi-supervised clustering of heart enhancers. Bioinformatics, 2019, 35, 3232-3239.	4.1	1
21	KLF4 Nuclear Export Requires ERK Activation and Initiates Exit from Naive Pluripotency. Stem Cell Reports, 2018, 10, 1308-1323.	4.8	38
22	Enhancers and super-enhancers have an equivalent regulatory role in embryonic stem cells through regulation of single or multiple genes. Genome Research, 2017, 27, 246-258.	5.5	146
23	Generating CRISPR/Cas9 Mediated Monoallelic Deletions to Study Enhancer Function in Mouse Embryonic Stem Cells. Journal of Visualized Experiments, 2016, , e53552.	0.3	13
24	Nuclear RNA Isolation and Sequencing. Methods in Molecular Biology, 2016, 1402, 63-71.	0.9	7
25	Concordance between RNA-sequencing data and DNA microarray data in transcriptome analysis of proliferative and quiescent fibroblasts. Royal Society Open Science, 2015, 2, 150402.	2.4	20
26	Chromatin Dynamics in Lineage Commitment and Cellular Reprogramming. Genes, 2015, 6, 641-661.	2.4	15
27	Rapamycin reduces fibroblast proliferation without causing quiescence and induces STAT5A/B-mediated cytokine production. Nucleus, 2015, 6, 490-506.	2.2	16
28	The pluripotent regulatory circuitry connecting promoters to their long-range interacting elements. Genome Research, 2015, 25, 582-597.	5.5	402
29	A Sox2 distal enhancer cluster regulates embryonic stem cell differentiation potential. Genes and Development, 2014, 28, 2699-2711.	5.9	158
30	Genome Organization in Cancer Cells. , 2014, , 257-276.		0
31	Nuclear organization of RNA polymerase II transcription. Biochemistry and Cell Biology, 2013, 91, 22-30.	2.0	9
32	An introduction to decoding genomes. Development (Cambridge), 2012, 139, 4494-4495.	2.5	0
33	Sensitive detection of chromatin coassociations using enhanced chromosome conformation capture on chip. Nature Protocols, 2012, 7, 1335-1350.	12.0	38
34	Enhancer identification in mouse embryonic stem cells using integrative modeling of chromatin and genomic features. BMC Genomics, 2012, 13, 152.	2.8	60
35	Upstream Distal Regulatory Elements Contact the Lmo2 Promoter in Mouse Erythroid Cells. PLoS ONE, 2012, 7, e52880.	2.5	4
36	Nuclear RNA Sequencing of the Mouse Erythroid Cell Transcriptome. PLoS ONE, 2012, 7, e49274.	2.5	35

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37	Preferential associations between co-regulated genes reveal a transcriptional interactome in erythroid cells. Nature Genetics, 2010, 42, 53-61.	21.4	652
38	The Air Noncoding RNA Epigenetically Silences Transcription by Targeting G9a to Chromatin. Science, 2008, 322, 1717-1720.	12.6	883
39	Transcription factories are nuclear subcompartments that remain in the absence of transcription. Genes and Development, 2008, 22, 20-25.	5.9	211
40	Myc Dynamically and Preferentially Relocates to a Transcription Factory Occupied by Igh. PLoS Biology, 2007, 5, e192.	5.6	343
41	Intergenic Transcription, Cell-Cycle and the Developmentally Regulated Epigenetic Profile of the Human Beta-Globin Locus. PLoS ONE, 2007, 2, e630.	2.5	44
42	Replication and transcription: Shaping the landscape of the genome. Nature Reviews Genetics, 2005, 6, 669-677.	16.3	180
43	Differential Activation of the Connexin 43 Promoter by Dimers of Activator Protein-1 Transcription Factors in Myometrial Cells. Endocrinology, 2005, 146, 2048-2054.	2.8	55
44	Progesterone and Gravidity Differentially Regulate Expression of Extracellular Matrix Components in the Pregnant Rat Myometrium1. Biology of Reproduction, 2004, 70, 986-992.	2.7	107
45	Mechanical stretch and progesterone differentially regulate activator protein-1 transcription factors in primary rat myometrial smooth muscle cells. American Journal of Physiology - Endocrinology and Metabolism, 2004, 287, E439-E445.	3.5	35
46	Active genes dynamically colocalize to shared sites of ongoing transcription. Nature Genetics, 2004, 36, 1065-1071.	21.4	942
47	Parathyroid Hormone-Related Protein Treatment of Pregnant Rats Delays the Increase in Connexin 43 and Oxytocin Receptor Expression in the Myometrium1. Biology of Reproduction, 2003, 69, 556-562.	2.7	15
48	Differential Expression of Activator Protein-1 Transcription Factors in Pregnant Rat Myometrium1. Biology of Reproduction, 2002, 67, 240-246.	2.7	71
49	Regulation of Connexin43 Expression by c-Fos and c-Jun in Myometrial Cells. Cell Communication and Adhesion, 2001, 8, 299-302.	1.0	39
50	Parathyroid Hormone-Induced Up-Regulation of Connexin-43 Messenger Ribonucleic Acid (mRNA) Is Mediated by Sequences within Both the Promoter and the 3â€²Untranslated Region of the mRNA**This work was supported in part by the group Grant GR-13299 from the Medical Research Council. The Natural Science and Engineering Research Council of Canada provided research stipend funding for this work.. Endocrinology, 2001, 142, 907-915.	2.8	28