

# Jennifer A Mitchell

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Active genes dynamically colocalize to shared sites of ongoing transcription. <i>Nature Genetics</i> , 2004, 36, 1065-1071.	21.4	942
2	The <i>Air</i> Noncoding RNA Epigenetically Silences Transcription by Targeting G9a to Chromatin. <i>Science</i> , 2008, 322, 1717-1720.	12.6	883
3	Preferential associations between co-regulated genes reveal a transcriptional interactome in erythroid cells. <i>Nature Genetics</i> , 2010, 42, 53-61.	21.4	652
4	The pluripotent regulatory circuitry connecting promoters to their long-range interacting elements. <i>Genome Research</i> , 2015, 25, 582-597.	5.5	402
5	Myc Dynamically and Preferentially Relocates to a Transcription Factory Occupied by Igh. <i>PLoS Biology</i> , 2007, 5, e192.	5.6	343
6	Transcription factories are nuclear subcompartments that remain in the absence of transcription. <i>Genes and Development</i> , 2008, 22, 20-25.	5.9	211
7	Replication and transcription: Shaping the landscape of the genome. <i>Nature Reviews Genetics</i> , 2005, 6, 669-677.	16.3	180
8	A <i>Sox2</i> distal enhancer cluster regulates embryonic stem cell differentiation potential. <i>Genes and Development</i> , 2014, 28, 2699-2711.	5.9	158
9	Enhancers and super-enhancers have an equivalent regulatory role in embryonic stem cells through regulation of single or multiple genes. <i>Genome Research</i> , 2017, 27, 246-258.	5.5	146
10	Progesterone and Gravity Differentially Regulate Expression of Extracellular Matrix Components in the Pregnant Rat Myometrium1. <i>Biology of Reproduction</i> , 2004, 70, 986-992.	2.7	107
11	Differential Expression of Activator Protein-1 Transcription Factors in Pregnant Rat Myometrium1. <i>Biology of Reproduction</i> , 2002, 67, 240-246.	2.7	71
12	Enhancer identification in mouse embryonic stem cells using integrative modeling of chromatin and genomic features. <i>BMC Genomics</i> , 2012, 13, 152.	2.8	60
13	Differential Activation of the Connexin 43 Promoter by Dimers of Activator Protein-1 Transcription Factors in Myometrial Cells. <i>Endocrinology</i> , 2005, 146, 2048-2054.	2.8	55
14	Testing the super-enhancer concept. <i>Nature Reviews Genetics</i> , 2021, 22, 749-755.	16.3	53
15	Intergenic Transcription, Cell-Cycle and the Developmentally Regulated Epigenetic Profile of the Human Beta-Globin Locus. <i>PLoS ONE</i> , 2007, 2, e630.	2.5	44
16	Regulation of Connexin43 Expression by c-Fos and c-Jun in Myometrial Cells. <i>Cell Communication and Adhesion</i> , 2001, 8, 299-302.	1.0	39
17	Sensitive detection of chromatin coassociations using enhanced chromosome conformation capture on chip. <i>Nature Protocols</i> , 2012, 7, 1335-1350.	12.0	38
18	KLF4 Nuclear Export Requires ERK Activation and Initiates Exit from Naive Pluripotency. <i>Stem Cell Reports</i> , 2018, 10, 1308-1323.	4.8	38

#	ARTICLE	IF	CITATIONS
19	A flexible repertoire of transcription factor binding sites and a diversity threshold determines enhancer activity in embryonic stem cells. <i>Genome Research</i> , 2021, 31, 564-575.	5.5	36
20	Mechanical stretch and progesterone differentially regulate activator protein-1 transcription factors in primary rat myometrial smooth muscle cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004, 287, E439-E445.	3.5	35
21	Nuclear RNA Sequencing of the Mouse Erythroid Cell Transcriptome. <i>PLoS ONE</i> , 2012, 7, e49274.	2.5	35
22	KLF4 protein stability regulated by interaction with pluripotency transcription factors overrides transcriptional control. <i>Genes and Development</i> , 2019, 33, 1069-1082.	5.9	29
23	Parathyroid Hormone-Induced Up-Regulation of Connexin-43 Messenger Ribonucleic Acid (mRNA) Is Mediated by Sequences within Both the Promoter and the 3' Untranslated 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. <i>Endocrinology</i> , 2001, 142, 907-915.	2.8	28
24	Concordance between RNA-sequencing data and DNA microarray data in transcriptome analysis of proliferative and quiescent fibroblasts. <i>Royal Society Open Science</i> , 2015, 2, 150402.	2.4	20
25	The pregnant myometrium is epigenetically activated at contractility-driving gene loci prior to the onset of labor in mice. <i>PLoS Biology</i> , 2020, 18, e3000710.	5.6	20
26	Transcriptional regulation and chromatin architecture maintenance are decoupled functions at the <i>Sox2</i> locus. <i>Genes and Development</i> , 2022, 36, 699-717.	5.9	17
27	Rapamycin reduces fibroblast proliferation without causing quiescence and induces STAT5A/B-mediated cytokine production. <i>Nucleus</i> , 2015, 6, 490-506.	2.2	16
28	Parathyroid Hormone-Related Protein Treatment of Pregnant Rats Delays the Increase in Connexin 43 and Oxytocin Receptor Expression in the Myometrium. <i>Biology of Reproduction</i> , 2003, 69, 556-562.	2.7	15
29	Chromatin Dynamics in Lineage Commitment and Cellular Reprogramming. <i>Genes</i> , 2015, 6, 641-661.	2.4	15
30	Generating CRISPR/Cas9 Mediated Monoallelic Deletions to Study Enhancer Function in Mouse Embryonic Stem Cells. <i>Journal of Visualized Experiments</i> , 2016, , e53552.	0.3	13
31	Enhancer-gene rewiring in the pathogenesis of Quebec Platelet Disorder. <i>Blood</i> , 2020, 136, 2679-2690.	1.4	13
32	Transcriptional enhancers: from prediction to functional assessment on a genome-wide scale. <i>Genome</i> , 2021, 64, 426-448.	2.0	12
33	Transcriptional control of parturition: insights from gene regulation studies in the myometrium. <i>Molecular Human Reproduction</i> , 2021, 27, .	2.8	11
34	Nuclear organization of RNA polymerase II transcription. <i>Biochemistry and Cell Biology</i> , 2013, 91, 22-30.	2.0	9
35	The recycling endosome protein Rab25 coordinates collective cell movements in the zebrafish surface epithelium. <i>ELife</i> , 2021, 10, .	6.0	9
36	Nuclear RNA Isolation and Sequencing. <i>Methods in Molecular Biology</i> , 2016, 1402, 63-71.	0.9	7

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37	Genes responsive to rapamycin and serum deprivation are clustered on chromosomes and undergo reorganization within local chromatin environments. <i>Biochemistry and Cell Biology</i> , 2020, 98, 178-190.	2.0	6
38	Histone macroH2A1 is a stronger regulator of hippocampal transcription and memory than macroH2A2 in mice. <i>Communications Biology</i> , 2022, 5, 482.	4.4	5
39	Upstream Distal Regulatory Elements Contact the Lmo2 Promoter in Mouse Erythroid Cells. <i>PLoS ONE</i> , 2012, 7, e52880.	2.5	4
40	Variational infinite heterogeneous mixture model for semi-supervised clustering of heart enhancers. <i>Bioinformatics</i> , 2019, 35, 3232-3239.	4.1	1
41	An introduction to decoding genomes. <i>Development (Cambridge)</i> , 2012, 139, 4494-4495.	2.5	0
42	Pluripotency on Lockdown after Deletion of Three Transcription Regulators. <i>Cell Stem Cell</i> , 2019, 24, 681-683.	11.1	0
43	Nuclear RNA Isolation and Sequencing. <i>Methods in Molecular Biology</i> , 2021, 2372, 75-83.	0.9	0
44	Genome Organization in Cancer Cells. , 2014, , 257-276.		0
45	Title is missing!. , 2020, 18, e3000710.		0
46	Title is missing!. , 2020, 18, e3000710.		0
47	Title is missing!. , 2020, 18, e3000710.		0
48	Title is missing!. , 2020, 18, e3000710.		0
49	Title is missing!. , 2020, 18, e3000710.		0
50	Title is missing!. , 2020, 18, e3000710.		0