

Matthew J Gamble

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,960
citations

430874

18
h-index

642732

23
g-index

25
all docs

25
docs citations

25
times ranked

2875
citing authors

#	ARTICLE	IF	CITATIONS
1	Reciprocal Binding of PARP-1 and Histone H1 at Promoters Specifies Transcriptional Outcomes. <i>Science</i> , 2008, 319, 819-821.	12.6	350
2	Enzymes in the NAD ⁺ Salvage Pathway Regulate SIRT1 Activity at Target Gene Promoters. <i>Journal of Biological Chemistry</i> , 2009, 284, 20408-20417.	3.4	200
3	MacroH2A1 and ATM Play Opposing Roles in Paracrine Senescence and the Senescence-Associated Secretory Phenotype. <i>Molecular Cell</i> , 2015, 59, 719-731.	9.7	170
4	The histone variant macroH2A1 marks repressed autosomal chromatin, but protects a subset of its target genes from silencing. <i>Genes and Development</i> , 2010, 24, 21-32.	5.9	148
5	QKI-Mediated Alternative Splicing of the Histone Variant MacroH2A1 Regulates Cancer Cell Proliferation. <i>Molecular and Cellular Biology</i> , 2011, 31, 4244-4255.	2.3	135
6	Genome-Wide Analysis Reveals PADI4 Cooperates with Elk-1 to Activate c-Fos Expression in Breast Cancer Cells. <i>PLoS Genetics</i> , 2011, 7, e1002112.	3.5	107
7	Global Analysis of Transcriptional Regulation by Poly(ADP-ribose) Polymerase-1 and Poly(ADP-ribose) Glycohydrolase in MCF-7 Human Breast Cancer Cells. <i>Journal of Biological Chemistry</i> , 2009, 284, 33926-33938.	3.4	102
8	Regulation of Poly(ADP-ribose) Polymerase-1-dependent Gene Expression through Promoter-directed Recruitment of a Nuclear NAD ⁺ Synthase. <i>Journal of Biological Chemistry</i> , 2012, 287, 12405-12416.	3.4	96
9	MacroH2A1.1 and PARP-1 cooperate to regulate transcription by promoting CBP-mediated H2B acetylation. <i>Nature Structural and Molecular Biology</i> , 2014, 21, 981-989.	8.2	95
10	SET and PARP1 remove DEK from chromatin to permit access by the transcription machinery. <i>Nature Structural and Molecular Biology</i> , 2007, 14, 548-555.	8.2	92
11	Dichotomous but stringent substrate selection by the dual-function Cdk7 complex revealed by chemical genetics. <i>Nature Structural and Molecular Biology</i> , 2006, 13, 55-62.	8.2	86
12	Multiple facets of the unique histone variant macroH2A: From genomics to cell biology. <i>Cell Cycle</i> , 2010, 9, 2568-2574.	2.6	76
13	The Histone Chaperone TAF-I/SET/INHAT Is Required for Transcription In Vitro of Chromatin Templates. <i>Molecular and Cellular Biology</i> , 2005, 25, 797-807.	2.3	63
14	H1 linker histones silence repetitive elements by promoting both histone H3K9 methylation and chromatin compaction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 14251-14258.	7.1	57
15	The macroH2A1.2 histone variant links ATRX loss to alternative telomere lengthening. <i>Nature Structural and Molecular Biology</i> , 2019, 26, 213-219.	8.2	36
16	MacroH2A1 Regulation of Poly(ADP-Ribose) Synthesis and Stability Prevents Necrosis and Promotes DNA Repair. <i>Molecular and Cellular Biology</i> , 2020, 40, .	2.3	30
17	Histone Variant MacroH2A1 Plays an Isoform-Specific Role in Suppressing Epithelial-Mesenchymal Transition. <i>Scientific Reports</i> , 2018, 8, 841.	3.3	24
18	S100A4 regulates macrophage invasion by distinct myosin-dependent and myosin-independent mechanisms. <i>Molecular Biology of the Cell</i> , 2018, 29, 632-642.	2.1	21

#	ARTICLE	IF	CITATIONS
19	Type I and II PRMTs inversely regulate post-transcriptional intron detention through Sm and CHTOP methylation. <i>ELife</i> , 2022, 11, .	6.0	20
20	MacroH2A1 chromatin specification requires its docking domain and acetylation of H2B lysine 20. <i>Nature Communications</i> , 2018, 9, 5143.	12.8	19
21	The Histone Variant MacroH2A1 Regulates Target Gene Expression in Part by Recruiting the Transcriptional Coregulator PELP1. <i>Molecular and Cellular Biology</i> , 2014, 34, 2437-2449.	2.3	18
22	Visualizing the Histone Code on LSD1. <i>Cell</i> , 2007, 128, 433-434.	28.9	12
23	Expanding the functional repertoire of macrodomains. <i>Nature Structural and Molecular Biology</i> , 2013, 20, 407-408.	8.2	3
24	MacroH2A1.1 has evolved to let PARP1 do more by loosening its grip on PAR. <i>Nature Structural and Molecular Biology</i> , 2021, 28, 961-962.	8.2	0