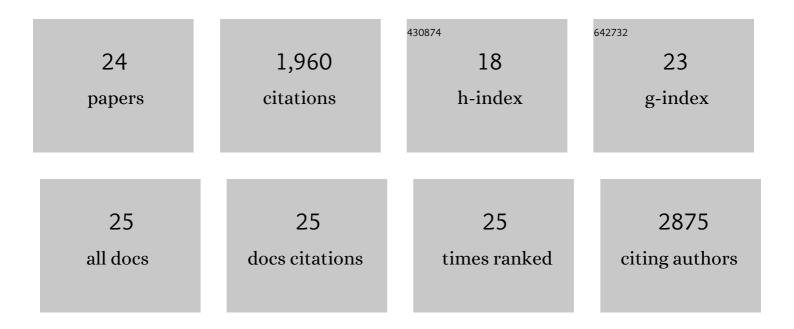
## Matthew J Gamble

List of Publications by Year in descending order

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

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