

Michael J Pazin

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

38 papers	8,346 citations	26 h-index	38 g-index
38 ext. papers	9,766 ext. citations	18.6 avg, IF	5.24 L-index

#	Paper	IF	Citations
38	Histone H4-K16 acetylation controls chromatin structure and protein interactions. <i>Science</i> , 2006 , 311, 844-7	33.3	1616
37	ChIP-seq guidelines and practices of the ENCODE and modENCODE consortia. <i>Genome Research</i> , 2012 , 22, 1813-31	9.7	1211
36	A comparative encyclopedia of DNA elements in the mouse genome. <i>Nature</i> , 2014 , 515, 355-64	50.4	1026
35	What's up and down with histone deacetylation and transcription?. <i>Cell</i> , 1997 , 89, 325-8	56.2	782
34	ACF, an ISWI-containing and ATP-utilizing chromatin assembly and remodeling factor. <i>Cell</i> , 1997 , 90, 145-52	56.2	534
33	Defining functional DNA elements in the human genome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 6131-8	11.5	490
32	An encyclopedia of mouse DNA elements (Mouse ENCODE). <i>Genome Biology</i> , 2012 , 13, 418	18.3	340
31	SWI2/SNF2 and related proteins: ATP-driven motors that disrupt protein-DNA interactions?. <i>Cell</i> , 1997 , 88, 737-40	56.2	282
30	Comparative analysis of metazoan chromatin organization. <i>Nature</i> , 2014 , 512, 449-52	50.4	265
29	The International Human Epigenome Consortium: A Blueprint for Scientific Collaboration and Discovery. <i>Cell</i> , 2016 , 167, 1145-1149	56.2	232
28	Comparative analysis of the transcriptome across distant species. <i>Nature</i> , 2014 , 512, 445-8	50.4	207
27	Triggering signaling cascades by receptor tyrosine kinases. <i>Trends in Biochemical Sciences</i> , 1992 , 17, 374-8	80.3	158
26	Comparative analysis of regulatory information and circuits across distant species. <i>Nature</i> , 2014 , 512, 453-6	50.4	135
25	Crucial roles of Sp1 and epigenetic modifications in the regulation of the CLDN4 promoter in ovarian cancer cells. <i>Journal of Biological Chemistry</i> , 2006 , 281, 21433-21444	5.4	111
24	S-glutathionylation impairs signal transducer and activator of transcription 3 activation and signaling. <i>Endocrinology</i> , 2009 , 150, 1122-31	4.8	102
23	hnRNP K binds a core polypyrimidine element in the eukaryotic translation initiation factor 4E (eIF4E) promoter, and its regulation of eIF4E contributes to neoplastic transformation. <i>Molecular and Cellular Biology</i> , 2005 , 25, 6436-53	4.8	99
22	Nucleosome mobility and the maintenance of nucleosome positioning. <i>Science</i> , 1997 , 276, 809-12	33.3	94

21	CHD5, a brain-specific paralog of Mi2 chromatin remodeling enzymes, regulates expression of neuronal genes. <i>PLoS ONE</i> , 2011 , 6, e24515	3.7	65
20	Nontelomeric TRF2-REST interaction modulates neuronal gene silencing and fate of tumor and stem cells. <i>Current Biology</i> , 2008 , 18, 1489-94	6.3	62
19	Perspectives on ENCODE. <i>Nature</i> , 2020 , 583, 693-698	50.4	61
18	BRG1-mediated chromatin remodeling regulates differentiation and gene expression of T helper cells. <i>Molecular and Cellular Biology</i> , 2008 , 28, 7274-85	4.8	60
17	Regulation of the CLDN3 gene in ovarian cancer cells. <i>Cancer Biology and Therapy</i> , 2007 , 6, 1733-42	4.6	50
16	Dynamic BRG1 recruitment during T helper differentiation and activation reveals distal regulatory elements. <i>Molecular and Cellular Biology</i> , 2011 , 31, 1512-27	4.8	49
15	A positive FGFR3/FOXN1 feedback loop underlies benign skin keratosis versus squamous cell carcinoma formation in humans. <i>Journal of Clinical Investigation</i> , 2009 , 119, 3127-37	15.9	47
14	Promoter structure and transcriptional activation with chromatin templates assembled in vitro. A single Gal4-VP16 dimer binds to chromatin or to DNA with comparable affinity. <i>Journal of Biological Chemistry</i> , 1998 , 273, 34653-60	5.4	32
13	Molecular changes in brain aging and Alzheimer's disease are mirrored in experimentally silenced cortical neuron networks. <i>Neurobiology of Aging</i> , 2012 , 33, 205.e1-18	5.6	26
12	Activation of heat shock factor 1 plays a role in pyrrolidine dithiocarbamate-mediated expression of the co-chaperone BAG3. <i>International Journal of Biochemistry and Cell Biology</i> , 2010 , 42, 1856-63	5.6	26
11	Properties of ets-1 binding to chromatin and its effect on platelet factor 4 gene expression. <i>Molecular and Cellular Biology</i> , 2004 , 24, 428-41	4.8	24
10	Using the ENCODE Resource for Functional Annotation of Genetic Variants. <i>Cold Spring Harbor Protocols</i> , 2015 , 2015, 522-36	1.2	23
9	Activation of 12/23-RSS-dependent RAG cleavage by hSWI/SNF complex in the absence of transcription. <i>Molecular Cell</i> , 2008 , 31, 641-9	17.6	23
8	Reply to Brunet and Doolittle: Both selected effect and causal role elements can influence human biology and disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E3366	11.5	22
7	Nontelomeric splice variant of telomere repeat-binding factor 2 maintains neuronal traits by sequestering repressor element 1-silencing transcription factor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 16434-9	11.5	21
6	IL-10 transcription is negatively regulated by BAF180, a component of the SWI/SNF chromatin remodeling enzyme. <i>BMC Immunology</i> , 2012 , 13, 9	3.7	20
5	The SNF2H chromatin remodeling enzyme has opposing effects on cytokine gene expression. <i>Molecular Immunology</i> , 2010 , 47, 2038-46	4.3	14
4	NF- κ B and BRG1 bind a distal regulatory element in the IL-3/GM-CSF locus. <i>Molecular Immunology</i> , 2011 , 48, 2178-88	4.3	13

- 3 ATP-dependent chromatin remodeling in T cells. *Biochemistry and Cell Biology*, **2012**, 90, 1-13 3.6 13
- 2 Combinatorial control of DNase I-hypersensitive site formation and erasure by immunoglobulin heavy chain enhancer-binding proteins. *Journal of Biological Chemistry*, **2004**, 279, 7331-8 5.4 6
- 1 Mi2beta shows chromatin enzyme specificity by erasing a DNase I-hypersensitive site established by ACF. *Journal of Biological Chemistry*, **2009**, 284, 7533-41 5.4 5