

# Miguel Vidal

## List of Publications by Year in descending order

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57  
papers

9,466  
citations

101496

36  
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149623

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58  
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58  
docs citations

58  
times ranked

10295  
citing authors

#	ARTICLE	IF	CITATIONS
1	Polycomb complexes repress developmental regulators in murine embryonic stem cells. <i>Nature</i> , 2006, 441, 349-353.	13.7	2,273
2	Role of histone H2A ubiquitination in Polycomb silencing. <i>Nature</i> , 2004, 431, 873-878.	13.7	1,502
3	Polycomb Group Proteins Ring1A/B Link Ubiquitylation of Histone H2A to Heritable Gene Silencing and X Inactivation. <i>Developmental Cell</i> , 2004, 7, 663-676.	3.1	829
4	Ring1-mediated ubiquitination of H2A restrains poised RNA polymerase II at bivalent genes in mouse ES cells. <i>Nature Cell Biology</i> , 2007, 9, 1428-1435.	4.6	584
5	RYBP-PRC1 Complexes Mediate H2A Ubiquitylation at Polycomb Target Sites Independently of PRC2 and H3K27me3. <i>Cell</i> , 2012, 148, 664-678.	13.5	513
6	Polycomb Limits the Neurogenic Competence of Neural Precursor Cells to Promote Astrogenic Fate Transition. <i>Neuron</i> , 2009, 63, 600-613.	3.8	420
7	Polycomb group proteins Ring1A/B are functionally linked to the core transcriptional regulatory circuitry to maintain ES cell identity. <i>Development (Cambridge)</i> , 2008, 135, 1513-1524.	1.2	265
8	Histone H2A Mono-Ubiquitination Is a Crucial Step to Mediate PRC1-Dependent Repression of Developmental Genes to Maintain ES Cell Identity. <i>PLoS Genetics</i> , 2012, 8, e1002774.	1.5	233
9	Proteomics Analysis of Ring1B/Rnf2 Interactors Identifies a Novel Complex with the Fbxl10/Jhdml1B Histone Demethylase and the Bcl6 Interacting Corepressor. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 820-834.	2.5	202
10	Interaction of YY1 with E2Fs, mediated by RYBP, provides a mechanism for specificity of E2F function. <i>EMBO Journal</i> , 2002, 21, 5775-5786.	3.5	183
11	A keratin K5Cre transgenic line appropriate for tissue-specific or generalized cre-mediated recombination. <i>Genesis</i> , 2004, 39, 52-57.	0.8	179
12	Sequences 5' of the bovine keratin 5 gene direct tissue- and cell-type-specific expression of a. <i>Differentiation</i> , 1994, 58, 53.	1.0	153
13	Ring1A is a transcriptional repressor that interacts with the Polycomb-M33 protein and is expressed at rhombomere boundaries in the mouse hindbrain. <i>EMBO Journal</i> , 1997, 16, 5930-5942.	3.5	142
14	Sequences 5' of the bovine keratin 5 gene direct tissue- and cell-type-specific expression of a lacZ gene in the adult and during development. <i>Differentiation</i> , 1994, 58, 53-64.	1.0	125
15	Polycomb function during oogenesis is required for mouse embryonic development. <i>Genes and Development</i> , 2012, 26, 920-932.	2.7	117
16	PRC1 coordinates timing of sexual differentiation of female primordial germ cells. <i>Nature</i> , 2013, 495, 236-240.	13.7	112
17	The Aurora B Kinase and the Polycomb Protein Ring1B Combine to Regulate Active Promoters in Quiescent Lymphocytes. <i>Molecular Cell</i> , 2013, 51, 647-661.	4.5	99
18	Polycomb Potentiates Meis2 Activation in Midbrain by Mediating Interaction of the Promoter with a Tissue-Specific Enhancer. <i>Developmental Cell</i> , 2014, 28, 94-101.	3.1	96

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19	Inactivation of the Polycomb Group Protein Ring1B Unveils an Antiproliferative Role in Hematopoietic Cell Expansion and Cooperation with Tumorigenesis Associated with <i>Ink4a</i> Deletion. <i>Molecular and Cellular Biology</i> , 2008, 28, 1018-1028.	1.1	86
20	Involvement of the Polycomb-group gene <i>Ring1B</i> in the specification of the anterior-posterior axis in mice. <i>Development (Cambridge)</i> , 2002, 129, 4171-4183.	1.2	85
21	RYBP Represses Endogenous Retroviruses and Preimplantation- and Germ Line-Specific Genes in Mouse Embryonic Stem Cells. <i>Molecular and Cellular Biology</i> , 2012, 32, 1139-1149.	1.1	84
22	Variability in the expression of polycomb proteins in different normal and tumoral tissues. A pilot study using tissue microarrays. <i>Modern Pathology</i> , 2006, 19, 684-694.	2.9	83
23	Polycomb complexes PRC1 and their function in hematopoiesis. <i>Experimental Hematology</i> , 2017, 48, 12-31.	0.2	67
24	The polycomb component Ring1B regulates the timed termination of subcerebral projection neuron production during mouse neocortical development. <i>Development (Cambridge)</i> , 2014, 141, 4343-4353.	1.2	66
25	Abnormal PcG protein expression in Hodgkin's lymphoma. Relation with E2F6 and NF $\kappa$ B transcription factors. <i>Journal of Pathology</i> , 2004, 204, 528-537.	2.1	63
26	Role of polycomb proteins Ring1A and Ring1B in the epigenetic regulation of gene expression. <i>International Journal of Developmental Biology</i> , 2009, 53, 355-370.	0.3	59
27	Maintenance of Undifferentiated State and Self-Renewal of Embryonic Neural Stem Cells by Polycomb Protein Ring1B. <i>Stem Cells</i> , 2009, 27, 1559-1570.	1.4	57
28	Production of Monoclonal Antibodies Against Mammalian Ring1B Proteins. <i>Hybridoma</i> , 2001, 20, 43-46.	0.9	56
29	Polycomb directs timely activation of germline genes in spermatogenesis. <i>Genes and Development</i> , 2017, 31, 1693-1703.	2.7	52
30	The Isolated C-Terminal Domain of Ring1B Is a Dimer Made of Stable, Well-Structured Monomers. <i>Biochemistry</i> , 2007, 46, 12764-12776.	1.2	46
31	Ring1a/b polycomb proteins regulate the mesenchymal stem cell niche in continuously growing incisors. <i>Developmental Biology</i> , 2012, 367, 140-153.	0.9	46
32	The <i>Drosophila</i> Polycomb group gene <i>Sex combs extra</i> encodes the ortholog of mammalian Ring1 proteins. <i>Mechanisms of Development</i> , 2004, 121, 449-462.	1.7	42
33	Sequence and Chromosomal Context Effects on Variegated Expression of Keratin 5/ <i>lacZ</i> Constructs in Stratified Epithelia of Transgenic Mice. <i>Genetics</i> , 2001, 158, 341-350.	1.2	42
34	Forced expression of the histone demethylase Fbxl10 maintains self-renewing hematopoietic stem cells. <i>Experimental Hematology</i> , 2011, 39, 697-709.e5.	0.2	40
35	Variegation associated with <i>lacZ</i> in transgenic animals: a warning note. <i>Transgenic Research</i> , 2000, 9, 237-239.	1.3	39
36	Intrinsically disordered chromatin protein NUPR1 binds to the C-terminal region of Polycomb RING1B. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E6332-E6341.	3.3	39

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37	The Transcriptional Repressor RYBP Is a Natively Unfolded Protein Which Folds upon Binding to DNA. <i>Biochemistry</i> , 2009, 48, 1348-1360.	1.2	37
38	Distinct roles of Polycomb group gene products in transcriptionally repressed and active domains of Hoxb8. <i>Development (Cambridge)</i> , 2006, 133, 2371-2381.	1.2	35
39	Ring1b bookmarks genes in pancreatic embryonic progenitors for repression in adult $\hat{1}^2$ cells. <i>Genes and Development</i> , 2013, 27, 52-63.	2.7	33
40	The Drosophila RYBP gene functions as a Polycomb-dependent transcriptional repressor. <i>Mechanisms of Development</i> , 2005, 122, 1118-1129.	1.7	32
41	Involvement of the Polycomb-group gene Ring1B in the specification of the anterior-posterior axis in mice. <i>Development (Cambridge)</i> , 2002, 129, 4171-83.	1.2	32
42	Dissociation of mammalian Polycomb-group proteins, Ring1B and Rae28/Ph1, from the chromatin correlates with configuration changes of the chromatin in mitotic and meiotic prophase. <i>Histochemistry and Cell Biology</i> , 2003, 120, 111-119.	0.8	31
43	Conversion of T cells to B cells by inactivation of polycomb-mediated epigenetic suppression of the B-lineage program. <i>Genes and Development</i> , 2016, 30, 2475-2485.	2.7	29
44	Homeotic transformations of the axial skeleton of YY1 mutant mice and genetic interaction with the Polycomb group gene Ring1/Ring1A. <i>Mechanisms of Development</i> , 2006, 123, 312-320.	1.7	28
45	Polycomb RING1A/RING1B-dependent histone H2A monoubiquitylation at pericentromeric regions promotes S phase progression. <i>Journal of Cell Science</i> , 2015, 128, 3660-71.	1.2	25
46	Differences in human cell lines to support stable replication of Epstein-Barr virus-based vectors. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1990, 1048, 171-177.	2.4	15
47	RING1 contributes to early proximal-distal specification of the forelimb bud by restricting Meis2 expression. <i>Development (Cambridge)</i> , 2015, 143, 276-85.	1.2	15
48	Variant PRC1 competes with retinoic acid-related signals to repress <i>Meis2</i> in distal forelimb bud. <i>Development (Cambridge)</i> , 2018, 145, .	1.2	15
49	Polycomb Assemblies Multitask to Regulate Transcription. <i>Epigenomes</i> , 2019, 3, 12.	0.8	13
50	Functions of Polycomb Proteins on Active Targets. <i>Epigenomes</i> , 2020, 4, 17.	0.8	13
51	Role of Polycomb RYBP in Maintaining the B-1-to-B-2 B-Cell Lineage Switch in Adult Hematopoiesis. <i>Molecular and Cellular Biology</i> , 2016, 36, 900-912.	1.1	12
52	The chromatin nuclear protein NUPR1L is intrinsically disordered and binds to the same proteins as its paralogue. <i>Biochemical Journal</i> , 2018, 475, 2271-2291.	1.7	9
53	Unique Composition of Polycomb Repressive Complex 1 in Hematopoietic Stem Cells. <i>International Journal of Hematology</i> , 2007, 85, 179-181.	0.7	7
54	RYBP-PRC1 Complexes Mediate H2A Ubiquitylation at Polycomb Target Sites Independently of PRC2 and H3K27me3. <i>Cell</i> , 2012, 149, 1647-1648.	13.5	2

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55	The isolated N terminus of Ring1B is a well-folded, monomeric fragment with native-like structure. <i>Protein Engineering, Design and Selection</i> , 2014, 27, 1-11.	1.0	2
56	Non-canonical residues of the marginally stable monomeric ubiquitin conjugase from goldfish are involved in binding to the C terminus of Ring 1B. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2012, 1824, 991-1001.	1.1	1
57	PRC1 Prevents Replication Stress during Chondrogenic Transit Amplification. <i>Epigenomes</i> , 2017, 1, 22.	0.8	0