Miguel Vidal

List of Publications by Year
in descending order

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57 papers	9,466 citations	101496 36 h-index	149623 56 g-index
58 all docs	58 docs citations	58 times ranked	10295 citing authors

#	Article	IF	Citations
1	Functions of Polycomb Proteins on Active Targets. Epigenomes, 2020, 4, 17.	0.8	13
2	Polycomb Assemblies Multitask to Regulate Transcription. Epigenomes, 2019, 3, 12.	0.8	13
3	Variant PRC1 competes with retinoic acid-related signals to repress Meis2 in distal forelimb bud. Development (Cambridge), 2018, 145, .	1.2	15
4	The chromatin nuclear protein NUPR1L is intrinsically disordered and binds to the same proteins as its paralogue. Biochemical Journal, 2018, 475, 2271-2291.	1.7	9
5	Polycomb complexes PRC1 and their function in hematopoiesis. Experimental Hematology, 2017, 48, 12-31.	0.2	67
6	Polycomb directs timely activation of germline genes in spermatogenesis. Genes and Development, 2017, 31, 1693-1703.	2.7	52
7	Intrinsically disordered chromatin protein NUPR1 binds to the C-terminal region of Polycomb RING1B. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E6332-E6341.	3.3	39
8	PRC1 Prevents Replication Stress during Chondrogenic Transit Amplification. Epigenomes, 2017, 1, 22.	0.8	0
9	Conversion of T cells to B cells by inactivation of polycomb-mediated epigenetic suppression of the B-lineage program. Genes and Development, 2016, 30, 2475-2485.	2.7	29
10	Role of Polycomb RYBP in Maintaining the B-1-to-B-2 B-Cell Lineage Switch in Adult Hematopoiesis. Molecular and Cellular Biology, 2016, 36, 900-912.	1.1	12
11	Polycomb RING1A/RING1B-dependent histone H2A monoubiquitylation at pericentromeric regions promotes S phase progression. Journal of Cell Science, 2015, 128, 3660-71.	1.2	25
12	RING1 contributes to early proximal-distal specification of the forelimb bud by restricting Meis2 expression. Development (Cambridge), 2015, 143, 276-85.	1.2	15
13	Polycomb Potentiates Meis2 Activation in Midbrain by Mediating Interaction of the Promoter with a Tissue-Specific Enhancer. Developmental Cell, 2014, 28, 94-101.	3.1	96
14	The polycomb component Ring1B regulates the timed termination of subcerebral projection neuron production during mouse neocortical development. Development (Cambridge), 2014, 141, 4343-4353.	1.2	66
15	The isolated N terminus of Ring1B is a well-folded, monomeric fragment with native-like structure. Protein Engineering, Design and Selection, 2014, 27, 1-11.	1.0	2
16	Ring1b bookmarks genes in pancreatic embryonic progenitors for repression in adult Î² cells. Genes and Development, 2013, 27, 52-63.	2.7	33
17	The Aurora B Kinase and the Polycomb Protein Ring1B Combine to Regulate Active Promoters in Quiescent Lymphocytes. Molecular Cell, 2013, 51, 647-661.	4.5	99
18	PRC1 coordinates timing of sexual differentiation of female primordial germ cells. Nature, 2013, 495, 236-240.	13.7	112

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19	Histone H2A Mono-Ubiquitination Is a Crucial Step to Mediate PRC1-Dependent Repression of Developmental Genes to Maintain ES Cell Identity. PLoS Genetics, 2012, 8, e1002774.	1.5	233
20	RYBP Represses Endogenous Retroviruses and Preimplantation- and Germ Line-Specific Genes in Mouse Embryonic Stem Cells. Molecular and Cellular Biology, 2012, 32, 1139-1149.	1.1	84
21	Polycomb function during oogenesis is required for mouse embryonic development. Genes and Development, 2012, 26, 920-932.	2.7	117
22	Non-canonical residues of the marginally stable monomeric ubiquitin conjugase from goldfish are involved in binding to the C terminus of Ring 1B. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2012, 1824, 991-1001.	1.1	1
23	RYBP-PRC1 Complexes Mediate H2A Ubiquitylation at Polycomb Target Sites Independently of PRC2 and H3K27me3. Cell, 2012, 148, 664-678.	13.5	513
24	RYBP-PRC1 Complexes Mediate H2A Ubiquitylation at Polycomb Target Sites Independently of PRC2 and H3K27me3. Cell, 2012, 149, 1647-1648.	13.5	2
25	Ring1a/b polycomb proteins regulate the mesenchymal stem cell niche in continuously growing incisors. Developmental Biology, 2012, 367, 140-153.	0.9	46
26	Forced expression of the histone demethylase Fbxl10 maintains self-renewing hematopoietic stem cells. Experimental Hematology, 2011, 39, 697-709.e5.	0.2	40
27	Role of polycomb proteins Ring1A and Ring1Bin the epigenetic regulation of gene expression. International Journal of Developmental Biology, 2009, 53, 355-370.	0.3	59
28	Maintenance of Undifferentiated State and Self-Renewal of Embryonic Neural Stem Cells by Polycomb Protein Ring1B. Stem Cells, 2009, 27, 1559-1570.	1.4	57
29	The Transcriptional Repressor RYBP Is a Natively Unfolded Protein Which Folds upon Binding to DNA. Biochemistry, 2009, 48, 1348-1360.	1.2	37
30	Polycomb Limits the Neurogenic Competence of Neural Precursor Cells to Promote Astrogenic Fate Transition. Neuron, 2009, 63, 600-613.	3.8	420
31	Polycomb group proteins Ring1A/B are functionally linked to the core transcriptional regulatory circuitry to maintain ES cell identity. Development (Cambridge), 2008, 135, 1513-1524.	1.2	265
32	Inactivation of the Polycomb Group Protein Ring1B Unveils an Antiproliferative Role in Hematopoietic Cell Expansion and Cooperation with Tumorigenesis Associated with Ink4a Deletion. Molecular and Cellular Biology, 2008, 28, 1018-1028.	1.1	86
33	Proteomics Analysis of Ring1B/Rnf2 Interactors Identifies a Novel Complex with the Fbxl10/Jhdm1B Histone Demethylase and the Bcl6 Interacting Corepressor. Molecular and Cellular Proteomics, 2007, 6, 820-834.	2.5	202
34	The Isolated C-Terminal Domain of Ring1B Is a Dimer Made of Stable, Well-Structured Monomers. Biochemistry, 2007, 46, 12764-12776.	1.2	46
35	Ring1-mediated ubiquitination of H2A restrains poised RNA polymerase II at bivalent genes in mouse ES cells. Nature Cell Biology, 2007, 9, 1428-1435.	4.6	584
36	Unique Composition of Polycomb Repressive Complex 1 in Hematopoietic Stem Cells. International Journal of Hematology, 2007, 85, 179-181.	0.7	7

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37	Homeotic transformations of the axial skeleton of YY1 mutant mice and genetic interaction with the Polycomb group gene Ring1/Ring1A. Mechanisms of Development, 2006, 123, 312-320.	1.7	28
38	Variability in the expression of polycomb proteins in different normal and tumoral tissues. A pilot study using tissue microarrays. Modern Pathology, 2006, 19, 684-694.	2.9	83
39	Polycomb complexes repress developmental regulators in murine embryonic stem cells. Nature, 2006, 441, 349-353.	13.7	2,273
40	Distinct roles of Polycomb group gene products in transcriptionally repressed and active domains of Hoxb8. Development (Cambridge), 2006, 133, 2371-2381.	1.2	35
41	The Drosophila RYBP gene functions as a Polycomb-dependent transcriptional repressor. Mechanisms of Development, 2005, 122, 1118-1129.	1.7	32
42	Role of histone H2A ubiquitination in Polycomb silencing. Nature, 2004, 431, 873-878.	13.7	1,502
43	Abnormal PcG protein expression in Hodgkin's lymphoma. Relation with E2F6 and NFÎºB transcription factors. Journal of Pathology, 2004, 204, 528-537.	2.1	63
44	A keratin K5Cre transgenic line appropriate for tissue-specific or generalized cre-mediated recombination. Genesis, 2004, 39, 52-57.	0.8	179
45	The Drosophila Polycomb group gene Sex combs extra encodes the ortholog of mammalian Ring1 proteins. Mechanisms of Development, 2004, 121, 449-462.	1.7	42
46	Polycomb Group Proteins Ring1A/B Link Ubiquitylation of Histone H2A to Heritable Gene Silencing and X Inactivation. Developmental Cell, 2004, 7, 663-676.	3.1	829
47	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. Histochemistry and Cell Biology, 2003, 120, 111-119.	0.8	31
48	Interaction of YY1 with E2Fs, mediated by RYBP, provides a mechanism for specificity of E2F function. EMBO Journal, 2002, 21, 5775-5786.	3.5	183
49	Involvement of the Polycomb-group geneRing1Bin the specification of the anterior-posterior axis in mice. Development (Cambridge), 2002, 129, 4171-4183.	1.2	85
50	Involvement of the Polycomb-group gene Ring1B in the specification of the anterior-posterior axis in mice. Development (Cambridge), 2002, 129, 4171-83.	1.2	32
51	Production of Monoclonal Antibodies Against Mammalian Ring1B Proteins. Hybridoma, 2001, 20, 43-46.	0.9	56
52	Sequence and Chromosomal Context Effects on Variegated Expression of Keratin 5/lacZ Constructs in Stratified Epithelia of Transgenic Mice. Genetics, 2001, 158, 341-350.	1.2	42
53	Variegation associated with lacZ in transgenic animals: a warning note. Transgenic Research, 2000, 9, 237-239.	1.3	39
54	Ring1A is a transcriptional repressor that interacts with the Polycomb-M33 protein and is expressed at rhombomere boundaries in the mouse hindbrain. EMBO Journal, 1997, 16, 5930-5942.	3.5	142

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55	Sequences 5â€² of the bovine keratin 5 gene direct tissue- and cell-type-specific expression of a lacZ gene in the adult and during development. Differentiation, 1994, 58, 53-64.	1.0	125
56	Sequences 5â€² of the bovine keratin 5 gene direct tissue- and cell-type-specific expression of a. Differentiation, 1994, 58, 53.	1.0	153
57	Differences in human cell lines to support stable replication of Epstein-Barr virus-based vectors. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1990, 1048, 171-177.	2.4	15