

# Pamela A Hoodless

## List of Publications by Citations

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54 papers	7,256 citations	31 h-index	57 g-index
57 ext. papers	7,930 ext. citations	13.1 avg, IF	4.95 L-index

#	Paper	IF	Citations
54	MADR2 maps to 18q21 and encodes a TGFbeta-regulated MAD-related protein that is functionally mutated in colorectal carcinoma. <i>Cell</i> , <b>1996</b> , 86, 543-52	56.2	764
53	De novo assembly and analysis of RNA-seq data. <i>Nature Methods</i> , <b>2010</b> , 7, 909-12	21.6	701
52	The winged-helix transcription factor HNF-3 beta is required for notochord development in the mouse embryo. <i>Cell</i> , <b>1994</b> , 78, 575-88	56.2	696
51	MADR1, a MAD-related protein that functions in BMP2 signaling pathways. <i>Cell</i> , <b>1996</b> , 85, 489-500	56.2	655
50	MADR2 is a substrate of the TGFbeta receptor and its phosphorylation is required for nuclear accumulation and signaling. <i>Cell</i> , <b>1996</b> , 87, 1215-24	56.2	655
49	Smad2 signaling in extraembryonic tissues determines anterior-posterior polarity of the early mouse embryo. <i>Cell</i> , <b>1998</b> , 92, 797-808	56.2	408
48	Specific activation of Smad1 signaling pathways by the BMP7 type I receptor, ALK2. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 25628-36	5.4	363
47	Expression of transcription factor HNF-4 in the extraembryonic endoderm, gut, and nephrogenic tissue of the developing mouse embryo: HNF-4 is a marker for primary endoderm in the implanting blastocyst. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1994</b> , 91, 7598-602	11.5	307
46	Slug is a direct Notch target required for initiation of cardiac cushion cellularization. <i>Journal of Cell Biology</i> , <b>2008</b> , 182, 315-25	7.3	255
45	Hematopoietic stem cells proliferate until after birth and show a reversible phase-specific engraftment defect. <i>Journal of Clinical Investigation</i> , <b>2006</b> , 116, 2808-16	15.9	251
44	Notch activation results in phenotypic and functional changes consistent with endothelial-to-mesenchymal transformation. <i>Circulation Research</i> , <b>2004</b> , 94, 910-7	15.7	226
43	FoxH1 (Fast) functions to specify the anterior primitive streak in the mouse. <i>Genes and Development</i> , <b>2001</b> , 15, 1257-71	12.6	172
42	Identification of a new intrinsically timed developmental checkpoint that reprograms key hematopoietic stem cell properties. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 5878-82	11.5	166
41	Genome-wide relationship between histone H3 lysine 4 mono- and tri-methylation and transcription factor binding. <i>Genome Research</i> , <b>2008</b> , 18, 1906-17	9.7	147
40	Targeted disruption in murine cells reveals variable requirement for Smad4 in transforming growth factor beta-related signaling. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 2063-70	5.4	133
39	Global analysis of in vivo Foxa2-binding sites in mouse adult liver using massively parallel sequencing. <i>Nucleic Acids Research</i> , <b>2008</b> , 36, 4549-64	20.1	127
38	The emergent landscape of the mouse gut endoderm at single-cell resolution. <i>Nature</i> , <b>2019</b> , 569, 361-367	30.4	122

37	Notch initiates the endothelial-to-mesenchymal transition in the atrioventricular canal through autocrine activation of soluble guanylyl cyclase. <i>Developmental Cell</i> , <b>2011</b> , 21, 288-300	10.2	120
36	A mouse atlas of gene expression: large-scale digital gene-expression profiles from precisely defined developing C57BL/6J mouse tissues and cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 18485-90	11.5	102
35	Co-ordinating Notch, BMP, and TGF- $\beta$ signaling during heart valve development. <i>Cellular and Molecular Life Sciences</i> , <b>2013</b> , 70, 2899-917	10.3	93
34	Locus co-occupancy, nucleosome positioning, and H3K4me1 regulate the functionality of FOXA2-, HNF4A-, and PDX1-bound loci in islets and liver. <i>Genome Research</i> , <b>2010</b> , 20, 1037-51	9.7	89
33	Hippi is essential for node cilia assembly and Sonic hedgehog signaling. <i>Developmental Biology</i> , <b>2006</b> , 300, 523-33	3.1	75
32	Dominant-negative Smad2 mutants inhibit activin/Vg1 signaling and disrupt axis formation in <i>Xenopus</i> . <i>Developmental Biology</i> , <b>1999</b> , 207, 364-79	3.1	70
31	Hippo signaling influences HNF4A and FOXA2 enhancer switching during hepatocyte differentiation. <i>Cell Reports</i> , <b>2014</b> , 9, 261-271	10.6	59
30	Identification and analysis of murine pancreatic islet enhancers. <i>Diabetologia</i> , <b>2013</b> , 56, 542-52	10.3	38
29	SOX9 modulates the expression of key transcription factors required for heart valve development. <i>Development (Cambridge)</i> , <b>2015</b> , 142, 4340-50	6.6	37
28	Coxsackievirus-induced miR-21 disrupts cardiomyocyte interactions via the downregulation of intercalated disk components. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1004070	7.6	37
27	The next generation: using new sequencing technologies to analyse gene regulation. <i>Respirology</i> , <b>2011</b> , 16, 210-22	3.6	37
26	Embryonic fibroblasts from mice lacking Tgif were defective in cell cycling. <i>Molecular and Cellular Biology</i> , <b>2006</b> , 26, 4302-10	4.8	35
25	S1P Stimulates Proliferation by Upregulating CTGF Expression through S1PR2-Mediated YAP Activation. <i>Molecular Cancer Research</i> , <b>2018</b> , 16, 1543-1555	6.6	32
24	Large-scale production of SAGE libraries from microdissected tissues, flow-sorted cells, and cell lines. <i>Genome Research</i> , <b>2007</b> , 17, 108-16	9.7	31
23	APELA promotes tumour growth and cell migration in ovarian cancer in a p53-dependent manner. <i>Gynecologic Oncology</i> , <b>2017</b> , 147, 663-671	4.9	20
22	Hepatocyte Nuclear Factor 4-Alpha Is Essential for the Active Epigenetic State at Enhancers in Mouse Liver. <i>Hepatology</i> , <b>2019</b> , 70, 1360-1376	11.2	20
21	Dynamic expression of thyrotropin-releasing hormone in the mouse definitive endoderm. <i>Developmental Dynamics</i> , <b>2007</b> , 236, 2909-17	2.9	18
20	Single-Cell Transcriptomics Reveals Early Emergence of Liver Parenchymal and Non-parenchymal Cell Lineages. <i>Cell</i> , <b>2020</b> , 183, 702-716.e14	56.2	18

19	A Notch-dependent transcriptional hierarchy promotes mesenchymal transdifferentiation in the cardiac cushion. <i>Developmental Dynamics</i> , <b>2014</b> , 243, 894-905	2.9	17
18	The TGF- $\beta$ /Smad repressor TG-interacting factor 1 (TGIF1) plays a role in radiation-induced intestinal injury independently of a Smad signaling pathway. <i>PLoS ONE</i> , <b>2012</b> , 7, e35672	3.7	16
17	Genome-wide microRNA and messenger RNA profiling in rodent liver development implicates mir302b and mir20a in repressing transforming growth factor-beta signaling. <i>Hepatology</i> , <b>2013</b> , 57, 2491-501	11.2	16
16	Foxh1 and Foxa2 are not required for formation of the midgut and hindgut definitive endoderm. <i>Developmental Biology</i> , <b>2010</b> , 337, 471-81	3.1	16
15	Expression of two novel transcripts in the mouse definitive endoderm. <i>Gene Expression Patterns</i> , <b>2010</b> , 10, 127-34	1.5	16
14	The role of the innate immune response regulatory gene ABCF1 in mammalian embryogenesis and development. <i>PLoS ONE</i> , <b>2017</b> , 12, e0175918	3.7	14
13	The TG-interacting factor TGIF1 regulates stress-induced proinflammatory phenotype of endothelial cells. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 38913-21	5.4	13
12	Genomic analysis distinguishes phases of early development of the mouse atrio-ventricular canal. <i>Physiological Genomics</i> , <b>2010</b> , 40, 150-7	3.6	12
11	Dynamics of expression of growth differentiation factor 15 in normal and PIN development in the mouse. <i>Differentiation</i> , <b>2007</b> , 75, 325-36	3.5	11
10	YAP transcriptionally regulates ErbB2 to promote liver cell proliferation. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , <b>2018</b> ,	6	10
9	Inhibitory control of neural differentiation in mammalian cells. <i>Development Genes and Evolution</i> , <b>1997</b> , 207, 19-28	1.8	10
8	Twist1 transcriptional targets in the developing atrio-ventricular canal of the mouse. <i>PLoS ONE</i> , <b>2012</b> , 7, e40815	3.7	8
7	Huntingtin interacting proteins 14 and 14-like are required for chorioallantoic fusion during early placental development. <i>Developmental Biology</i> , <b>2015</b> , 397, 257-66	3.1	7
6	A knock-in mouse strain facilitates dynamic tracking and enrichment of MEIS1. <i>Blood Advances</i> , <b>2017</b> , 1, 2225-2235	7.8	3
5	Expression patterns of Yes-associated protein 1 in the developing mouse liver. <i>Gene Expression Patterns</i> , <b>2018</b> , 29, 10-17	1.5	2
4	A regulatory network controls nephrocan expression and midgut patterning. <i>Development (Cambridge)</i> , <b>2014</b> , 141, 3772-81	6.6	2
3	Delineating MEIS1 cis-regulatory elements active in hematopoietic cells. <i>Leukemia</i> , <b>2014</b> , 28, 433-6	10.7	2
2	G protein-coupled estrogen receptor stimulates human trophoblast cell invasion via YAP-mediated ANGPTL4 expression. <i>Communications Biology</i> , <b>2021</b> , 4, 1285	6.7	1

- 1 Repressive Epigenetic Signatures Safeguard the Liver. *Developmental Cell*, **2019**, 50, 3-4 10.2