

# Timothy F Lane

## List of Publications by Year in descending order

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53  
papers

7,309  
citations

109321

35  
h-index

175258

52  
g-index

53  
all docs

53  
docs citations

53  
times ranked

10197  
citing authors

#	ARTICLE	IF	CITATIONS
1	CTLA4Ig (abatacept) balances bone anabolic effects of T cells and Wnt10b with antianabolic effects of osteoblastic sclerostin. <i>Annals of the New York Academy of Sciences</i> , 2018, 1415, 21-33.	3.8	10
2	NOTCH1 is a mechanosensor in adult arteries. <i>Nature Communications</i> , 2017, 8, 1620.	12.8	205
3	Ras Signaling Is a Key Determinant for Metastatic Dissemination and Poor Survival of Luminal Breast Cancer Patients. <i>Cancer Research</i> , 2015, 75, 4960-4972.	0.9	48
4	PIAS1 Regulates Breast Tumorigenesis through Selective Epigenetic Gene Silencing. <i>PLoS ONE</i> , 2014, 9, e89464.	2.5	30
5	Erythropoiesis from Human Embryonic Stem Cells Through Erythropoietin-Independent AKT Signaling. <i>Stem Cells</i> , 2014, 32, 1503-1514.	3.2	9
6	IRE1 Phosphatase PP2Ce Regulates Adaptive ER Stress Response in the Postpartum Mammary Gland. <i>PLoS ONE</i> , 2014, 9, e111606.	2.5	17
7	PPM1l encodes an inositol requiring-protein 1 (IRE1) specific phosphatase that regulates the functional outcome of the ER stress response. <i>Molecular Metabolism</i> , 2013, 2, 405-416.	6.5	37
8	Notch1 regulates angio-supportive bone marrow-derived cells in mice: relevance to chemoresistance. <i>Blood</i> , 2013, 122, 143-153.	1.4	25
9	Ovariectomy expands murine short-term hemopoietic stem cell function through T cell expressed CD40L and Wnt10B. <i>Blood</i> , 2013, 122, 2346-2357.	1.4	30
10	PTH expands short-term murine hemopoietic stem cells through T cells. <i>Blood</i> , 2012, 120, 4352-4362.	1.4	42
11	Disruption of reelin signaling alters mammary gland morphogenesis. <i>Development (Cambridge)</i> , 2011, 138, 767-776.	2.5	27
12	Cooperation between <i>Pik3ca</i> and p53 Mutations in Mouse Mammary Tumor Formation. <i>Cancer Research</i> , 2011, 71, 2706-2717.	0.9	128
13	<i>Wnt10b</i> deficiency results in age-dependent loss of bone mass and progressive reduction of mesenchymal progenitor cells. <i>Journal of Bone and Mineral Research</i> , 2010, 25, 2138-2147.	2.8	142
14	BRCA1 Forms a Functional Complex with $\gamma$ -H2AX as a Late Response to Genotoxic Stress. <i>Journal of Nucleic Acids</i> , 2010, 2010, 1-9.	1.2	22
15	University of California Research Seminar Network: A Prospectus. <i>PLoS Biology</i> , 2010, 8, e1000289.	5.6	1
16	$\beta$ 1 Integrin Establishes Endothelial Cell Polarity and Arteriolar Lumen Formation via a Par3-Dependent Mechanism. <i>Developmental Cell</i> , 2010, 18, 39-51.	7.0	233
17	Rb deletion in mouse mammary progenitors induces luminal-B or basal-like/EMT tumor subtypes depending on p53 status. <i>Journal of Clinical Investigation</i> , 2010, 120, 3296-3309.	8.2	129
18	<i>Ptch1</i> is required locally for mammary gland morphogenesis and systemically for ductal elongation. <i>Development (Cambridge)</i> , 2009, 136, 1423-1432.	2.5	32

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19	A versatile targeting system with lentiviral vectors bearing the biotin-ε adaptor peptide. <i>Journal of Gene Medicine</i> , 2009, 11, 655-663.	2.8	45
20	Molecular properties of CD133+ glioblastoma stem cells derived from treatment-refractory recurrent brain tumors. <i>Journal of Neuro-Oncology</i> , 2009, 94, 1-19.	2.9	111
21	T Lymphocytes Amplify the Anabolic Activity of Parathyroid Hormone through Wnt10b Signaling. <i>Cell Metabolism</i> , 2009, 10, 229-240.	16.2	178
22	Estrogen protects bone by inducing Fas ligand in osteoblasts to regulate osteoclast survival. <i>EMBO Journal</i> , 2008, 27, 535-545.	7.8	279
23	A functional link between Wnt signaling and SKP2-independent p27 turnover in mammary tumors. <i>Genes and Development</i> , 2008, 22, 3121-3134.	5.9	61
24	Wnt signaling interacts with Shh to regulate taste papilla development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 2253-2258.	7.1	148
25	Wnt10b Increases Postnatal Bone Formation by Enhancing Osteoblast Differentiation. <i>Journal of Bone and Mineral Research</i> , 2007, 22, 1924-1932.	2.8	244
26	VE-cadherin-CreERT2 transgenic mouse: A model for inducible recombination in the endothelium. <i>Developmental Dynamics</i> , 2006, 235, 3413-3422.	1.8	206
27	COX-2 inhibitors and genetic background reduce mammary tumorigenesis in cyclooxygenase-2 transgenic mice. <i>Prostaglandins and Other Lipid Mediators</i> , 2005, 76, 86-94.	1.9	19
28	BRCA1 associates with the inactive X chromosome in late S-phase, coupled with transient H2AX phosphorylation. <i>Chromosoma</i> , 2005, 114, 432-439.	2.2	35
29	Wnt10b Deficiency Promotes Coexpression of Myogenic and Adipogenic Programs in Myoblasts. <i>Molecular Biology of the Cell</i> , 2005, 16, 2039-2048.	2.1	131
30	The Prostaglandin E2 Receptor EP2 Is Required for Cyclooxygenase 2-Mediated Mammary Hyperplasia. <i>Cancer Research</i> , 2005, 65, 4496-4499.	0.9	98
31	Regulation of osteoblastogenesis and bone mass by Wnt10b. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 3324-3329.	7.1	778
32	BRCA1 and Transcription. <i>Cancer Biology and Therapy</i> , 2004, 3, 528-533.	3.4	32
33	Role of prostaglandin E2-dependent angiogenic switch in cyclooxygenase 2-induced breast cancer progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 591-596.	7.1	341
34	Type I Interferon Production Enhances Susceptibility to <i>Listeria monocytogenes</i> Infection. <i>Journal of Experimental Medicine</i> , 2004, 200, 437-445.	8.5	449
35	Toll-like Receptors Induce a Phagocytic Gene Program through p38. <i>Journal of Experimental Medicine</i> , 2004, 199, 81-90.	8.5	377
36	Bovine BRCA1 shows classic responses to genotoxic stress but low in vitro transcriptional activation activity. <i>Oncogene</i> , 2003, 22, 6032-6044.	5.9	16

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37	Immunocytochemical Analysis of Prostate Stem Cell Antigen as Adjunct Marker for Detection of Urothelial Transitional Cell Carcinoma in Voided Urine Specimens. <i>Journal of Urology</i> , 2003, 169, 2094-2100.	0.4	24
38	BRCA1 Associates with Processive RNA Polymerase II. <i>Journal of Biological Chemistry</i> , 2003, 278, 52012-52020.	3.4	64
39	Identification of a Novel Endothelial-Derived Gene EG-1. <i>Biochemical and Biophysical Research Communications</i> , 2002, 290, 602-612.	2.1	27
40	Conditional loss of PTEN leads to precocious development and neoplasia in the mammary gland. <i>Development (Cambridge)</i> , 2002, 129, 4159-4170.	2.5	227
41	Conditional loss of PTEN leads to precocious development and neoplasia in the mammary gland. <i>Development (Cambridge)</i> , 2002, 129, 4159-70.	2.5	117
42	Overexpression of Cyclooxygenase-2 Is Sufficient to Induce Tumorigenesis in Transgenic Mice. <i>Journal of Biological Chemistry</i> , 2001, 276, 18563-18569.	3.4	697
43	Oncogenes, Anti-Oncogenes, and Genetic Regulators of Vascular Development. , 2001, , 85-106.		0
44	Regulation of VEGF and VEGF receptor expression in the rodent mammary gland during pregnancy, lactation, and involution. <i>Developmental Dynamics</i> , 2000, 218, 507-524.	1.8	63
45	Gene replacement with the human BRCA1 locus: tissue specific expression and rescue of embryonic lethality in mice. <i>Oncogene</i> , 2000, 19, 4085-4090.	5.9	23
46	METH-1, a Human Ortholog of ADAMTS-1, and METH-2 Are Members of a New Family of Proteins with Angio-inhibitory Activity. <i>Journal of Biological Chemistry</i> , 1999, 274, 23349-23357.	3.4	371
47	Wnt-10b directs hypermorphic development and transformation in mammary glands of male and female mice. <i>Oncogene</i> , 1997, 15, 2133-2144.	5.9	138
48	Inhibition of endothelial cell proliferation by SPARC is mediated through a Ca <sup>2+</sup> -binding EF-hand sequence. <i>Journal of Cellular Biochemistry</i> , 1995, 57, 127-140.	2.6	63
49	SPARC mediates focal adhesion disassembly in endothelial cells through a follistatin-like region and the Ca <sup>2+</sup> -binding EF-hand. <i>Journal of Cellular Biochemistry</i> , 1995, 57, 341-350.	2.6	145
50	The biology of SPARC, a protein that modulates cell-matrix interactions. <i>FASEB Journal</i> , 1994, 8, 163-173.	0.5	491
51	Molecular analysis of chicken embryo SPARC (osteonectin). <i>FEBS Journal</i> , 1993, 218, 117-127.	0.2	33
52	Adhesion, Shape, Proliferation, and Gene Expression of Mouse Leydig Cells are Influenced by Extracellular Matrix in Vitro. <i>Biology of Reproduction</i> , 1991, 44, 157-170.	2.7	73
53	Arginine vasotocin from the pituitary gland of the lamprey ( <i>Petromyzon marinus</i> ): Isolation and amino acid sequence. <i>General and Comparative Endocrinology</i> , 1988, 70, 152-157.	1.8	38