Christine J Watson

List of Publications by Year
in descending order

113 papers	7,912 citations	36203 51 h-index	51492 86 g-index
114 all docs	114 docs citations	114 times ranked	9302 citing authors

#	Article	IF	Citations
1	In conversation with Christine Watson. FEBS Journal, 2022, 289, 9-16.	2.2	1
2	Gpr125 is a unifying hallmark of multiple mammary progenitors coupled to tumor latency. Nature Communications, 2022, 13, 1421.	5.8	9
3	The immune environment of the mammary gland fluctuates during post-lactational regression and correlates with tumour growth rate. Development (Cambridge), 2022, 149, .	1.2	5
4	Alveolar cells in the mammary gland: lineage commitment and cell death. Biochemical Journal, 2022, 479, 995-1006.	1.7	2
5	How should we define mammary stem cells?. Trends in Cell Biology, 2021, 31, 621-627.	3.6	5
6	The everâ€expanding landscape of cancer therapeutic approaches. FEBS Journal, 2021, 288, 6082-6086.	2.2	3
7	Dynamic architectural interplay between leucocytes and mammary epithelial cells. FEBS Journal, 2020, 287, 250-266.	2.2	27
8	Mammary development in the embryo and adult: new insights into the journey of morphogenesis and commitment. Development (Cambridge), 2020, 147, .	1.2	45
9	Stat3-mediated alterations in lysosomal membrane protein composition. Journal of Biological Chemistry, 2018, 293, 4244-4261.	1.6	26
10	The Mammary Microenvironment in Mastitis in Humans, Dairy Ruminants, Rabbits and Rodents: A One Health Focus. Journal of Mammary Gland Biology and Neoplasia, 2018, 23, 27-41.	1.0	49
11	An Engineered Human Adipose/Collagen Model for<i>In Vitro</i>Breast Cancer Cell Migration Studies. Tissue Engineering - Part A, 2018, 24, 1309-1319.	1.6	29
12	Sinusâ€like dilatations of the mammary milk ducts, Ki67 expression, and <scp>CD</scp>3â€positive T lymphocyte infiltration, in the mammary gland of wild European rabbits during pregnancy and lactation. Journal of Anatomy, 2018, 233, 266-273.	0.9	15
13	Neutral lineage tracing of proliferative embryonic and adult mammary stem/progenitor cells. Development (Cambridge), 2018, 145, .	1.2	40
14	The Multifaceted Role of STAT3 in Mammary Gland Involution and Breast Cancer. International Journal of Molecular Sciences, 2018, 19, 1695.	1.8	49
15	Tumour cell invasiveness and response to chemotherapeutics in adipocyte invested 3D engineered anisotropic collagen scaffolds. Scientific Reports, 2018, 8, 12658.	1.6	18
16	Mammary Stem Cells: Premise, Properties, and Perspectives. Trends in Cell Biology, 2017, 27, 556-567.	3.6	94
17	Development of three-dimensional collagen scaffolds with controlled architecture for cell migration studies using breast cancer cell lines. Biomaterials, 2017, 114, 34-43.	5.7	111
18	Analysis of the Involuting Mouse Mammary Gland: An In Vivo Model for Cell Death. Methods in Molecular Biology, 2017, 1501, 165-186.	0.4	3

#	ARTICLE	IF	CITATIONS
19	Imaging the mammary gland and mammary tumours in 3D: optical tissue clearing and immunofluorescence methods. Breast Cancer Research, 2016, 18, 127.	2.2	83
20	Stat3 modulates chloride channel accessory protein expression in normal and neoplastic mammary tissue. Cell Death and Disease, 2016, 7, e2398-e2398.	2.7	11
21	Single-cell lineage tracing in the mammary gland reveals stochastic clonal dispersion of stem/progenitor cell progeny. Nature Communications, 2016, 7, 13053.	5.8	109
22	The KRAB Zinc Finger Protein Roma/Zfp157 Is a Critical Regulator of Cell-Cycle Progression and Genomic Stability. Cell Reports, 2016, 15, 724-734.	2.9	8
23	The BH3-only protein BIM contributes to late-stage involution in the mouse mammary gland. Cell Death and Differentiation, 2016, 23, 41-51.	5.0	16
24	Anti-CCL2: building a reservoir or opening the floodgates to metastasis?. Breast Cancer Research, 2015, 17, 68.	2.2	12
25	BCL11A is a triple-negative breast cancer gene with critical functions in stem and progenitor cells. Nature Communications, 2015, 6, 5987.	5.8	135
26	<scp>STAT</scp>3 the oncogene â€“ still eluding therapy?. FEBS Journal, 2015, 282, 2600-2611.	2.2	173
27	Breast cancer: the menacing face of Janus kinase. Cell Death and Differentiation, 2014, 21, 185-186.	5.0	6
28	Signal transducer and activator of transcriptionÂ3 and the phosphatidylinositolÂ3â€kinase regulatory subunits p55Î± and p50Î± regulate autophagy <i>inÂvivo</i>. FEBS Journal, 2014, 281, 4557-4567.	2.2	23
29	The Stat3 paradox: A killer and an oncogene. Molecular and Cellular Endocrinology, 2014, 382, 603-611.	1.6	49
30	Engineering Mammary Gland <i>in Vitro</i> Models for Cancer Diagnostics and Therapy. Molecular Pharmaceutics, 2014, 11, 1971-1981.	2.3	9
31	A 3-D in vitro co-culture model of mammary gland involution. Integrative Biology (United Kingdom), 2014, 6, 618-626.	0.6	27
32	Stat3 controls cell death during mammary gland involution by regulating uptake of milk fat globules and lysosomal membrane permeabilization. Nature Cell Biology, 2014, 16, 1057-1068.	4.6	136
33	The PI3K regulatory subunits p55Î± and p50Î± regulate cell death in vivo. Cell Death and Differentiation, 2014, 21, 1442-1450.	5.0	12
34	Postpartum Remodeling, Lactation, and Breast Cancer Risk: Summary of a National Cancer Instituteâ€“Sponsored Workshop. Journal of the National Cancer Institute, 2013, 105, 166-174.	3.0	84
35	The spectrum of STAT functions in mammary gland development. Jak-stat, 2012, 1, 151-158.	2.2	49
36	The Stat6-regulated KRAB domain zinc finger protein Zfp157 regulates the balance of lineages in mammary glands and compensates for loss of Gata-3. Genes and Development, 2012, 26, 1086-1097.	2.7	27

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37	The role of Stat3 in mammary gland involution: cell death regulator and modulator of inflammation. Hormone Molecular Biology and Clinical Investigation, 2012, 10, 211-5.	0.3	12
38	Phenotypic and functional characterisation of the luminal cell hierarchy of the mammary gland. Breast Cancer Research, 2012, 14, R134.	2.2	260
39	Isolation of Mouse Mammary Epithelial Subpopulations: A Comparison of Leading Methods. Journal of Mammary Gland Biology and Neoplasia, 2012, 17, 91-97.	1.0	65
40	Constitutive activation of JAK2 in mammary epithelium elevates Stat5 signalling, promotes alveologenesis and resistance to cell death, and contributes to tumourigenesis. Cell Death and Differentiation, 2012, 19, 511-522.	5.0	26
41	Impact of STAT5 on Normal Tissue Development and Cancer. , 2012, , 335-351.		0
42	Stat3 Is Required to Maintain the Full Differentiation Potential of Mammary Stem Cells and the Proliferative Potential of Mammary Luminal Progenitors. PLoS ONE, 2012, 7, e52608.	1.1	20
43	Conditional deletion of Stat3 in mammary epithelium impairs the acute phase response and modulates immune cell numbers during postâ€lactational regression. Journal of Pathology, 2012, 227, 106-117.	2.1	91
44	Killing a cancer: what are the alternatives?. Nature Reviews Cancer, 2012, 12, 411-424.	12.8	150
45	Biomimetic collagen scaffolds with anisotropic pore architecture. Acta Biomaterialia, 2012, 8, 667-676.	4.1	110
46	Remodeling mechanisms of the mammary gland during involution. International Journal of Developmental Biology, 2011, 55, 757-762.	0.3	115
47	Stat3 controls lysosomal-mediated cell death in vivo. Nature Cell Biology, 2011, 13, 303-309.	4.6	258
48	Cytokine signalling in mammary gland development. Journal of Reproductive Immunology, 2011, 88, 124-129.	0.8	30
49	Stem cell marker promininâ€1 regulates branching morphogenesis, but not regenerative capacity, in the mammary gland. Developmental Dynamics, 2011, 240, 674-681.	0.8	25
50	A Multifunctional 3D Co-Culture System for Studies of Mammary Tissue Morphogenesis and Stem Cell Biology. PLoS ONE, 2011, 6, e25661.	1.1	82
51	Collagenâ€"hyaluronic acid scaffolds for adipose tissue engineering. Acta Biomaterialia, 2010, 6, 3957-3968.	4.1	209
52	A STAT3-mediated metabolic switch is involved in tumour transformation and STAT3 addiction. Aging, 2010, 2, 823-842.	1.4	231
53	Mammary Gland Growth Factors: Roles in Normal Development and in Cancer. Cold Spring Harbor Perspectives in Biology, 2010, 2, a003186-a003186.	2.3	87
54	Constitutively Active Stat3 Enhances Neu-Mediated Migration and Metastasis in Mammary Tumors via Upregulation of Cten. Cancer Research, 2010, 70, 2558-2567.	0.4	131

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55	A prophylactic vaccine for breast cancer?. Breast Cancer Research, 2010, 12, 310.	2.2	8
56	PML depletion disrupts normal mammary gland development and skews the composition of the mammary luminal cell progenitor pool. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 4725-4730.	3.3	53
57	PML: A tumor suppressor that regulates cell fate in mammary gland. Cell Cycle, 2009, 8, 2711-2717.	1.3	9
58	Three-dimensional culture models of mammary gland. Organogenesis, 2009, 5, 43-49.	0.4	31
59	Stat3 and the Inflammation/Acute Phase Response in Involution and Breast Cancer. Journal of Mammary Gland Biology and Neoplasia, 2009, 14, 121-129.	1.0	72
60	Preface. Journal of Mammary Gland Biology and Neoplasia, 2009, 14, 85-86.	1.0	3
61	The Role of Cathepsins in Involution and Breast Cancer. Journal of Mammary Gland Biology and Neoplasia, 2009, 14, 171-179.	1.0	26
62	Immune cell regulators in mouse mammary development and involution1. Journal of Animal Science, 2009, 87, 35-42.	0.2	29
63	The Stat family of transcription factors have diverse roles in mammary gland development. Seminars in Cell and Developmental Biology, 2008, 19, 401-406.	2.3	48
64	Editorial. Seminars in Cell and Developmental Biology, 2008, 19, 309-310.	2.3	0
65	Mammary development in the embryo and adult: a journey of morphogenesis and commitment. Development (Cambridge), 2008, 135, 995-1003.	1.2	332
66	A Dual Role for Oncostatin M Signaling in the Differentiation and Death of Mammary Epithelial Cells in Vivo. Molecular Endocrinology, 2008, 22, 2677-2688.	3.7	59
67	The IL-4/IL-13/Stat6 signalling pathway promotes luminal mammary epithelial cell development. Development (Cambridge), 2007, 134, 2739-2750.	1.2	106
68	Involution: Completing the Cycle. Journal of Mammary Gland Biology and Neoplasia, 2007, 12, 1-2.	1.0	0
69	Key stages in mammary gland development - Involution: apoptosis and tissue remodelling that convert the mammary gland from milk factory to a quiescent organ. Breast Cancer Research, 2006, 8, 203.	2.2	217
70	The Genes Induced by Signal Transducer and Activators of Transcription (STAT)3 and STAT5 in Mammary Epithelial Cells Define the Roles of these STATs in Mammary Development. Molecular Endocrinology, 2006, 20, 675-685.	3.7	118
71	Epithelial-to-mesenchymal transition confers resistance to apoptosis in three murine mammary epithelial cell lines. Differentiation, 2006, 74, 254-264.	1.0	92
72	c-myc as a mediator of accelerated apoptosis and involution in mammary glands lacking Socs3. EMBO Journal, 2006, 25, 5805-5815.	3.5	48

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73	IKKÎ²/2 induces TWEAK and apoptosis in mammary epithelial cells. Development (Cambridge), 2006, 133, 3485-3494.	1.2	86
74	Post-lactational mammary gland regression: molecular basis and implications for breast cancer. Expert Reviews in Molecular Medicine, 2006, 8, 1-15.	1.6	64
75	Stat3-induced apoptosis requires a molecular switch in PI(3)K subunit composition. Nature Cell Biology, 2005, 7, 392-398.	4.6	101
76	CD4 and CD8 monoclonal antibody therapy: Strategies to prolong renal allograft survival in the dog. British Journal of Surgery, 2005, 80, 1389-1392.	0.1	5
77	The Jak/Stat Pathway: A Novel Way to Regulate PI3K Activity. Cell Cycle, 2005, 4, 897-900.	1.3	43
78	Gene expression profiling of mammary gland development reveals putative roles for death receptors and immune mediators in post-lactational regression. Breast Cancer Research, 2004, 6, R92.	2.2	295
79	Mammary-specific deletion of parathyroid hormone-related protein preserves bone mass during lactation. Journal of Clinical Investigation, 2004, 113, 492-492.	3.9	1
80	Microarray Analysis of the Involution Switch. Journal of Mammary Gland Biology and Neoplasia, 2003, 8, 309-319.	1.0	59
81	A dual, non-redundant, role for LIF as a regulator of development and STAT3-mediated cell death in mammary gland. Development (Cambridge), 2003, 130, 3459-3468.	1.2	167
82	Mammary-specific deletion of parathyroid hormoneâ€"related protein preserves bone mass during lactation. Journal of Clinical Investigation, 2003, 112, 1429-1436.	3.9	156
83	The search for breast cancer therapies--the value of genetically engineered mice. Transgenic Research, 2002, 11, 615-615.	1.3	0
84	Stat transcription factors in mammary gland development and tumorigenesis. Journal of Mammary Gland Biology and Neoplasia, 2001, 6, 115-127.	1.0	83
85	p53-dependent apoptosis induced by proteasome inhibition in mammary epithelial cells. Cell Death and Differentiation, 2001, 8, 210-218.	5.0	75
86	Identification and characterisation of a developmentally regulated mammalian gene that utilises â€"1 programmed ribosomal frameshifting. Nucleic Acids Research, 2001, 29, 4079-4088.	6.5	97
87	A novel role for IRF-1 as a suppressor of apoptosis. Oncogene, 2000, 19, 6386-6391.	2.6	43
88	NF-Î°B Inhibits Apoptosis in Murine Mammary Epithelia. Journal of Biological Chemistry, 2000, 275, 12737-12742.	1.6	109
89	The Role of Stat3 in Apoptosis and Mammary Gland Involution. , 2000, 480, 129-138.		85
90	Apoptosis: the germs of death. Nature Cell Biology, 1999, 1, E69-E71.	4.6	82

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91	NF-kappaB and apoptosis in mammary epithelial cells. Journal of Mammary Gland Biology and Neoplasia, 1999, 4, 165-175.	1.0	42
92	Mouse Wnt8B is expressed in the developing forebrain and maps to Chromosome 19. Mammalian Genome, 1999, 10, 923-925.	1.0	28
93	Suppression of epithelial apoptosis and delayed mammary gland involution in mice with a conditional knockout of Stat3. Genes and Development, 1999, 13, 2604-2616.	2.7	419
94	SIROLIMUS: A POTENT NEW IMMUNOSUPPRESSANT FOR LIVER TRANSPLANTATION. Transplantation, 1999, 67, 505-509.	0.5	190
95	Efficient BLG-Cre mediated gene deletion in the mammary gland. Transgenic Research, 1998, 7, 387-398.	1.3	91
96	Differential activation of STATs 3 and 5 during mammary gland development. FEBS Letters, 1996, 396, 77-80.	1.3	110
97	Differential regulation of members of the family of signal transducers and activators of transcription during mammary gland development. Biochemical Society Transactions, 1996, 24, 370S-370S.	1.6	1
98	Derivation of conditionally immmortal mammary epithelial cell lines. Biochemical Society Transactions, 1996, 24, 371S-371S.	1.6	1
99	Identification of Transcripts Showing Differential Expression In The Developing Mammary Gland Using Differential Display. Biochemical Society Transactions, 1996, 24, 372S-372S.	1.6	1
100	Prolactin signal transduction mechanisms in the mammary gland: the role of the Jak/Stat pathway. Reproduction, 1996, 1, 1-5.	2.0	93
101	Elevated levels of members of the STAT family of transcription factors in breast carcinoma nuclear extracts. British Journal of Cancer, 1995, 71, 840-844.	2.9	210
102	Stat5 as a Target for Regulation by Extracellular Matrix. Journal of Biological Chemistry, 1995, 270, 21639-21644.	1.6	136
103	The proximal milk protein binding factor binding site is required for the prolactin responsiveness of the sheep Î²-lactoglobulin promoter in Chinese hamster ovary cells. Molecular and Cellular Endocrinology, 1995, 107, 113-121.	1.6	30
104	CD 4 and CD 8 monoclonal antibody therapy in canine renal allografts. Transplant International, 1994, 7, 322-324.	0.8	1
105	The mammary factor MPBF is a prolactin-induced transcriptional regulator which binds to STAT factor recognition sites. FEBS Letters, 1994, 350, 177-182.	1.3	53
106	Interaction of DNA-binding proteins with a milk protein gene promoter in vitro: identification of a mammary gland-specific factor. Nucleic Acids Research, 1991, 19, 6603-6610.	6.5	132
107	Expression of adenovirus type 2 DNA polymerase in insect cells infected with a recombinant baculovirus. Nucleic Acids Research, 1990, 18, 1167-1173.	6.5	32
108	Construction of a representative cDNA library from mRNA isolated from mouse oocytes. FEBS Letters, 1986, 195, 199-202.	1.3	7

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109	The Regulation of Gene Expression in Murine Teratocarcinoma Cells. Cold Spring Harbor Symposia on Quantitative Biology, 1985, 50, 701-706.	2.0	6
110	Transcripts from an aberrantly re-arranged human T-cell receptor beta-chain gene. EMBO Journal, 1985, 4, 1211-5.	3.5	9
111	The structure and expression of the preproenkephalin gene. Nucleic Acids Research, 1982, 10, 7905-7918.	6.5	62
112	Recombinant plasmids containing Xenopus laevis globin structural genes derived from complementary DNA. Nucleic Acids Research, 1978, 5, 905-924.	6.5	53
113	Remembering apoptosis pioneer Andrew Wyllie (1944â€“2022). FEBS Journal, 0, , .	2.2	0