

Vincent Goffin

List of Publications by Year in descending order

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111
papers

5,911
citations

81900

39
h-index

79698

73
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116
all docs

116
docs citations

116
times ranked

5383
citing authors

#	ARTICLE	IF	CITATIONS
1	Prolactin (PRL) and Its Receptor: Actions, Signal Transduction Pathways and Phenotypes Observed in PRL Receptor Knockout Mice. <i>Endocrine Reviews</i> , 1998, 19, 225-268.	20.1	1,639
2	Sequence-Function Relationships Within the Expanding Family of Prolactin, Growth Hormone, Placental Lactogen, and Related Proteins in Mammals*. <i>Endocrine Reviews</i> , 1996, 17, 385-410.	20.1	238
3	Development and Potential Clinical Uses of Human Prolactin Receptor Antagonists. <i>Endocrine Reviews</i> , 2005, 26, 400-422.	20.1	197
4	Impaired Islet Function in Commonly Used Transgenic Mouse Lines due to Human Growth Hormone Minigene Expression. <i>Cell Metabolism</i> , 2014, 20, 979-990.	16.2	145
5	The prolactin/growth hormone receptor family: structure/function relationships. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 1997, 2, 7-17.	2.7	129
6	Prolactin Modulates TRPV1 in Female Rat Trigeminal Sensory Neurons. <i>Journal of Neuroscience</i> , 2006, 26, 8126-8136.	3.6	120
7	Autocrine Prolactin Promotes Prostate Cancer Cell Growth via Janus Kinase-2-Signal Transducer and Activator of Transcription-5a/b Signaling Pathway. <i>Endocrinology</i> , 2007, 148, 3089-3101.	2.8	114
8	Development of Pure Prolactin Receptor Antagonists. <i>Journal of Biological Chemistry</i> , 2003, 278, 35988-35999.	3.4	105
9	Solution Structure of Human Prolactin. <i>Journal of Molecular Biology</i> , 2005, 351, 810-823.	4.2	105
10	Antagonistic Properties of Human Prolactin Analogs That Show Paradoxical Agonistic Activity in the Nb2 Bioassay. <i>Journal of Biological Chemistry</i> , 1996, 271, 16573-16579.	3.4	100
11	Human prolactin (hPRL) antagonists inhibit hPRL-activated signaling pathways involved in breast cancer cell proliferation. <i>Oncogene</i> , 2000, 19, 4695-4705.	5.9	90
12	Local prolactin is a target to prevent expansion of basal/stem cells in prostate tumors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15199-15204.	7.1	87
13	Identification of a gain-of-function mutation of the prolactin receptor in women with benign breast tumors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 14533-14538.	7.1	78
14	Prolactin regulation of the prostate gland: a female player in a male game. <i>Nature Reviews Urology</i> , 2011, 8, 597-607.	3.8	78
15	Human Macroprolactin Displays Low Biological Activity via Its Homologous Receptor in a New Sensitive Bioassay. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 1048-1055.	3.6	76
16	Implications of Multiple Phenotypes Observed in Prolactin Receptor Knockout Mice. <i>Frontiers in Neuroendocrinology</i> , 2001, 22, 140-145.	5.2	75
17	The WSXWS Motif in Cytokine Receptors Is a Molecular Switch Involved in Receptor Activation: Insight from Structures of the Prolactin Receptor. <i>Structure</i> , 2012, 20, 270-282.	3.3	73
18	From the molecular biology of prolactin and its receptor to the lessons learned from knockout mice models. <i>Genetic Analysis, Techniques and Applications</i> , 1999, 15, 189-201.	1.5	72

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19	Prolactin Specifically Activates Signal Transducer and Activator of Transcription 5b in Neuroendocrine Dopaminergic Neurons. <i>Endocrinology</i> , 2005, 146, 5112-5119.	2.8	68
20	Intrinsically disordered cytoplasmic domains of two cytokine receptors mediate conserved interactions with membranes. <i>Biochemical Journal</i> , 2015, 468, 495-506.	3.7	68
21	Structural and Thermodynamic Bases for the Design of Pure Prolactin Receptor Antagonists. <i>Journal of Biological Chemistry</i> , 2007, 282, 33118-33131.	3.4	66
22	Prolactin is a novel neuroendocrine regulator of human keratin expression <i>in situ</i> . <i>FASEB Journal</i> , 2010, 24, 1768-1779.	0.5	63
23	Prolactin signaling enhances colon cancer stemness by modulating Notch signaling in a Jak2-STAT3/ERK manner. <i>Carcinogenesis</i> , 2014, 35, 795-806.	2.8	61
24	Crystal Structure of an Affinity-matured Prolactin Complexed to Its Dimerized Receptor Reveals the Topology of Hormone Binding Site 2. <i>Journal of Biological Chemistry</i> , 2010, 285, 8422-8433.	3.4	59
25	Benign Breast Diseases. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2005, 10, 325-335.	2.7	57
26	Prolactin receptor targeting in breast and prostate cancers: New insights into an old challenge. , 2017, 179, 111-126.		57
27	Prolactin Regulates Pain Responses via a Female-Selective Nociceptor-Specific Mechanism. <i>IScience</i> , 2019, 20, 449-465.	4.1	56
28	Intracellular STING inactivation sensitizes breast cancer cells to genotoxic agents. <i>Oncotarget</i> , 2016, 7, 77205-77224.	1.8	55
29	The prolactin receptor as a therapeutic target in human diseases: browsing new potential indications. <i>Expert Opinion on Therapeutic Targets</i> , 2015, 19, 1229-1244.	3.4	54
30	Prolactin regulates transcription of the ion uptake Na ⁺ /Cl ⁻ cotransporter (ncc) gene in zebrafish gill. <i>Molecular and Cellular Endocrinology</i> , 2013, 369, 98-106.	3.2	53
31	Calcium channels, external calcium concentration and cell proliferation. <i>European Journal of Pharmacology</i> , 2014, 739, 19-25.	3.5	53
32	Prolactin and Human Tumorigenesis. <i>Journal of Neuroendocrinology</i> , 2010, 22, 771-777.	2.6	52
33	Prolactin: an emerging force along the cutaneous endocrine axis. <i>Trends in Endocrinology and Metabolism</i> , 2010, 21, 569-577.	7.1	52
34	Functional consequences of prolactin signalling in endothelial cells: a potential link with angiogenesis in pathophysiology?. <i>Journal of Cellular and Molecular Medicine</i> , 2012, 16, 2035-2048.	3.6	52
35	Rational Design of Competitive Prolactin/Growth Hormone Receptor Antagonists. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2008, 13, 105-117.	2.7	47
36	Meningeal CGRP-Prolactin Interaction Evokes Female-Specific Migraine Behavior. <i>Annals of Neurology</i> , 2021, 89, 1129-1144.	5.3	46

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37	Autocrine Prolactin Inhibits Human Uterine Decidualization: A Novel Role for Prolactin. <i>Biology of Reproduction</i> , 2007, 76, 777-783.	2.7	45
38	Structural Characterization of the Stem-Cell Stem Dimerization Interface between Prolactin Receptor Chains Complexed with the Natural Hormone. <i>Journal of Molecular Biology</i> , 2010, 404, 112-126.	4.2	45
39	The prolactin receptor is expressed in macrophages within human carotid atherosclerotic plaques: a role for prolactin in atherogenesis?. <i>Journal of Endocrinology</i> , 2011, 208, 107-117.	2.6	45
40	Characterization of Two Constitutively Active Prolactin Receptor Variants in a Cohort of 95 Women with Multiple Breast Fibroadenomas. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 271-279.	3.6	44
41	The Role of Prolactin in Bone Metastasis and Breast Cancer Cell-Mediated Osteoclast Differentiation. <i>Journal of the National Cancer Institute</i> , 2016, 108, djv338.	6.3	44
42	New Homologous Bioassays for Human Lactogens Show That Agonism or Antagonism of Various Analogs Is a Function of Assay Sensitivity. <i>Endocrine</i> , 2003, 20, 177-190.	2.2	43
43	Mind the (Gender) Gap: Does Prolactin Exert Gender and/or Site-Specific Effects on the Human Hair Follicle?. <i>Journal of Investigative Dermatology</i> , 2010, 130, 886-891.	0.7	40
44	Characterization of Lactogen Receptor-binding Site 1 of Human Prolactin. <i>Journal of Biological Chemistry</i> , 1996, 271, 14353-14360.	3.4	39
45	Prolactin protects retinal pigment epithelium by inhibiting sirtuin 2-dependent cell death. <i>EBioMedicine</i> , 2016, 7, 35-49.	6.1	39
46	Vitamin D3 Prevents Calcium-Induced Progression of Early-Stage Prostate Tumors by Counteracting TRPC6 and Calcium Sensing Receptor Upregulation. <i>Cancer Research</i> , 2017, 77, 355-365.	0.9	38
47	Prolactin receptor antagonism in mouse anterior pituitary: effects on cell turnover and prolactin receptor expression. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 302, E356-E364.	3.5	37
48	Prolactin-Induced Prostate Tumorigenesis Links Sustained Stat5 Signaling with the Amplification of Basal/Stem Cells and Emergence of Putative Luminal Progenitors. <i>American Journal of Pathology</i> , 2014, 184, 3105-3119.	3.8	36
49	Anti-inflammatory properties of Lipidosterolic extract of <i>Serenoa repens</i> (Permixon®) in a mouse model of prostate hyperplasia. <i>Prostate</i> , 2015, 75, 706-722.	2.3	36
50	Prolactin Promotes Fibrosis and Pancreatic Cancer Progression. <i>Cancer Research</i> , 2019, 79, 5316-5327.	0.9	36
51	Prolactin receptor expression in mouse dorsal root ganglia neuronal subtypes is sex-dependent. <i>Journal of Neuroendocrinology</i> , 2019, 31, e12759.	2.6	34
52	Neuroendocrine Mechanisms Governing Sex Differences in Hyperalgesic Priming Involve Prolactin Receptor Sensory Neuron Signaling. <i>Journal of Neuroscience</i> , 2020, 40, 7080-7090.	3.6	34
53	Local over-expression of prolactin in differentiating mouse mammary gland induces functional defects and benign lesions, but no carcinoma. <i>Journal of Endocrinology</i> , 2006, 190, 271-285.	2.6	32
54	Endogenous prolactin generated during peripheral inflammation contributes to thermal hyperalgesia. <i>European Journal of Neuroscience</i> , 2011, 34, 745-754.	2.6	30

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55	Use of Prolactin Receptor Antagonist to Better Understand Prolactin Regulation of Pituitary Homeostasis. <i>Neuroendocrinology</i> , 2013, 98, 171-179.	2.5	29
56	Prolactin-Induced Prostate Tumorigenesis. <i>Advances in Experimental Medicine and Biology</i> , 2015, 846, 221-242.	1.6	29
57	The prolactin receptor is expressed in rheumatoid arthritis and psoriatic arthritis synovial tissue and contributes to macrophage activation. <i>Rheumatology</i> , 2016, 55, 2248-2259.	1.9	29
58	Minireview: Prolactin Regulation of Adult Stem Cells. <i>Molecular Endocrinology</i> , 2015, 29, 667-681.	3.7	28
59	A rare castration-resistant progenitor cell population is highly enriched in Pten-null prostate tumours. <i>Journal of Pathology</i> , 2017, 243, 51-64.	4.5	27
60	STING protects breast cancer cells from intrinsic and genotoxic-induced DNA instability via a non-canonical, cell-autonomous pathway. <i>Oncogene</i> , 2021, 40, 6627-6640.	5.9	26
61	Alpha 2 -adrenoceptor agonists trigger prolactin signaling in breast cancer cells. <i>Cellular Signalling</i> , 2017, 34, 76-85.	3.6	25
62	Tumour Necrosis Factor Alpha, Interferon Gamma and Substance P Are Novel Modulators of Extrapituitary Prolactin Expression in Human Skin. <i>PLoS ONE</i> , 2013, 8, e60819.	2.5	25
63	Prolactin Induces Apoptosis of Lactotropes in Female Rodents. <i>PLoS ONE</i> , 2014, 9, e97383.	2.5	25
64	Application of new homologous in vitro bioassays for human lactogens to assess the actual bioactivity of human prolactin isoforms in hyperprolactinaemic patients. <i>Clinical Endocrinology</i> , 2006, 65, 146-153.	2.4	24
65	Tif1 ³ is essential for the terminal differentiation of mammary alveolar epithelial cells and for lactation through SMAD4 inhibition. <i>Development (Cambridge)</i> , 2013, 140, 167-175.	2.5	24
66	Antiestrogen Therapy Increases Plasticity and Cancer Stemness of Prolactin-Induced ER ⁺ Mammary Carcinomas. <i>Cancer Research</i> , 2018, 78, 1672-1684.	0.9	21
67	Prolactin and its receptor as therapeutic targets in glioblastoma multiforme. <i>Scientific Reports</i> , 2019, 9, 19578.	3.3	19
68	High Milk Consumption Does Not Affect Prostate Tumor Progression in Two Mouse Models of Benign and Neoplastic Lesions. <i>PLoS ONE</i> , 2015, 10, e0125423.	2.5	19
69	Do dietary calcium and vitamin D matter in men with prostate cancer?. <i>Nature Reviews Urology</i> , 2018, 15, 453-461.	3.8	18
70	Combined Sabal and Urtica Extracts (WSA [®] 1541) Exert Anti-proliferative and Anti-inflammatory Effects in a Mouse Model of Benign Prostate Hyperplasia. <i>Frontiers in Pharmacology</i> , 2019, 10, 311.	3.5	18
71	The prolactin receptor mediates HOXA1-stimulated oncogenicity in mammary carcinoma cells. <i>International Journal of Oncology</i> , 2012, 41, 2285-2295.	3.3	17
72	Collagen XXV promotes myoblast fusion during myogenic differentiation and muscle formation. <i>Scientific Reports</i> , 2019, 9, 5878.	3.3	17

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73	JAK2/STAT5 Pathway Mediates Prolactin-Induced Apoptosis of Lactotropes. <i>Neuroendocrinology</i> , 2019, 108, 84-97.	2.5	17
74	Development of New Prolactin Analogs Acting as Pure Prolactin Receptor Antagonists. <i>Pituitary</i> , 2003, 6, 89-95.	2.9	16
75	Carboxypeptidase-D is elevated in prostate cancer and its anti-apoptotic activity is abolished by combined androgen and prolactin receptor targeting. <i>Prostate</i> , 2014, 74, 732-742.	2.3	16
76	Identification of Gain-of-Function Variants of the Human Prolactin Receptor. <i>Methods in Enzymology</i> , 2010, 484, 329-355.	1.0	15
77	Investigation of Prolactin Receptor Activation and Blockade Using Time-Resolved Fluorescence Resonance Energy Transfer. <i>Frontiers in Endocrinology</i> , 2011, 2, 29.	3.5	15
78	Residue 146 regulates prolactin receptor folding, basal activity and ligand-responsiveness: Potential implications in breast tumorigenesis. <i>Molecular and Cellular Endocrinology</i> , 2015, 401, 173-188.	3.2	14
79	Homodimerization of IL-2 receptor β chain is necessary and sufficient to activate Jak2 and downstream signaling pathways. <i>FEBS Letters</i> , 1998, 421, 32-36.	2.8	12
80	STAT5a/b Deficiency Delays, but does not Prevent, Prolactin-Driven Prostate Tumorigenesis in Mice. <i>Cancers</i> , 2019, 11, 929.	3.7	12
81	Prostate luminal progenitor cells: from mouse to human, from health to disease. <i>Nature Reviews Urology</i> , 2022, 19, 201-218.	3.8	12
82	Hypothalamic Prolactin Regulation of Luteinizing Hormone Secretion in the Female Rat. <i>Endocrinology</i> , 2015, 156, 2880-2892.	2.8	10
83	Gain-of-function Prolactin Receptor Variants Are Not Associated With Breast Cancer and Multiple Fibroadenoma Risk. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 4449-4460.	3.6	10
84	17 β -Estradiol and ICI182,780 Differentially Regulate STAT5 Isoforms in Female Mammary Epithelium, With Distinct Outcomes. <i>Journal of the Endocrine Society</i> , 2018, 2, 293-309.	0.2	9
85	Sex-dependent pain trajectories induced by prolactin require an inflammatory response for pain resolution. <i>Brain, Behavior, and Immunity</i> , 2022, 101, 246-263.	4.1	9
86	Prolactin receptor antagonism uncouples lipids from atherosclerosis susceptibility. <i>Journal of Endocrinology</i> , 2014, 222, 341-350.	2.6	8
87	ATM Is Required for the Prolactin-Induced HSP90-Mediated Increase in Cellular Viability and Clonogenic Growth After DNA Damage. <i>Endocrinology</i> , 2018, 159, 907-930.	2.8	8
88	Novel reagents for human prolactin research: large-scale preparation and characterization of prolactin receptor extracellular domain, non-pegylated and pegylated prolactin and prolactin receptor antagonist. <i>Protein Engineering, Design and Selection</i> , 2018, 31, 7-16.	2.1	8
89	Feasibility and safety of targeted focal microwave ablation of the index tumor in patients with low to intermediate risk prostate cancer: Results of the FOSTINE trial. <i>PLoS ONE</i> , 2021, 16, e0252040.	2.5	8
90	Development of Prolactin Receptor Antagonists: Same Goal, Different Ways. <i>Recent Patents on Endocrine, Metabolic & Immune Drug Discovery</i> , 2007, 1, 41-52.	0.6	6

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91	Development of prolactin receptor antagonists with reduced pH-dependence of receptor binding. <i>Journal of Molecular Recognition</i> , 2011, 24, 533-547.	2.1	6
92	Fetal Pancreas Transplants Are Dependent on Prolactin for Their Development and Prevent Type 1 Diabetes in Syngeneic but Not Allogeneic Mice. <i>Diabetes</i> , 2013, 62, 1646-1655.	0.6	6
93	Positive association between progestins and the evolution of multiple fibroadenomas in 72 women. <i>Endocrine Connections</i> , 2020, 9, 570-577.	1.9	5
94	Hematopoietic PBX-interacting protein is a novel regulator of mammary epithelial cell differentiation. <i>FEBS Journal</i> , 2022, 289, 1575-1590.	4.7	5
95	High Keratin-7 Expression in Benign Peri-Tumoral Prostatic Glands Is Predictive of Bone Metastasis Onset and Prostate Cancer-Specific Mortality. <i>Cancers</i> , 2022, 14, 1623.	3.7	5
96	A Residue Quartet in the Extracellular Domain of the Prolactin Receptor Selectively Controls Mitogen-activated Protein Kinase Signaling. <i>Journal of Biological Chemistry</i> , 2015, 290, 11890-11904.	3.4	4
97	Human and murine prostate basal/stem cells are not direct targets of prolactin. <i>General and Comparative Endocrinology</i> , 2015, 220, 133-142.	1.8	4
98	Is prolactin involved in the evolution of atherothrombotic disease?. <i>Expert Review of Endocrinology and Metabolism</i> , 2012, 7, 345-361.	2.4	3
99	Meeting report: the 2012 FASEB Science Research Conference "The growth hormone/prolactin family in biology and disease" A novel biannual rendez-vous in the endocrinology landscape. <i>Pediatric Endocrinology Reviews</i> , 2012, 10, 243-5.	1.2	1
100	The Structure and Oligomericity of the Transmembrane Domain of Cytokine Receptors is Modulated by the Protein/Lipid Ratio. <i>Biophysical Journal</i> , 2014, 106, 21a.	0.5	0
101	Paul Kelly, PhD (1943-2018). <i>Pituitary</i> , 2019, 22, 1-3.	2.9	0
102	Abstract 2038: A non-canonical, cell-autonomous STING function protects breast cancer cells from intrinsic and genotoxic-induced DNA instability. , 2021, , .		0
103	Prolactin as an osmoregulatory hormone in zebrafish: transcriptional regulation of a Na ⁺ /Cl ⁻ cotransporter (ncc) in the gill. <i>FASEB Journal</i> , 2013, 27, 714.6.	0.5	0
104	Abstract A103: Cell-autonomous activation of the interferon/STAT1 pathway in response to genotoxic treatment. , 2015, , .		0
105	Abstract B56: Prolactin promotes breast cancer to bone metastasis and breast cancer cell-mediated osteoclast differentiation. , 2016, , .		0
106	Abstract 2138: Functional evaluation of interferon/STAT1 pathway activation in response to genotoxic treatment. , 2016, , .		0
107	Abstract 90: STING colocalizes with gamma-H2AX upon treatment of breast cancer cells with genotoxics: A new role in DNA repair. , 2017, , .		0
108	Abstract 919: Endogenous STING inhibition induces breast cancer cell death. , 2018, , .		0

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109	Prolactin Regulates Pain Responses Via a Female-Selective Nociceptor-Specific Mechanism. SSRN Electronic Journal, 0, , .	0.4	0
110	Abstract P2-05-06: Nuclear STING localization induces chemoresistance in breast cancer. , 2020, , .		0
111	Growth Hormone Receptor (GHR) is overexpressed in low EGFR expressing glioblastoma and promotes tumor growth. , 2022, , .		0