Christopher J Ormandy

List of Publications by Year
in descending order

101 papers	6,540 citations	41323 49 h-index	66879 78 g-index
116 all docs	116 docs citations	116 times ranked	8927 citing authors

#	Article	IF	Citations
1	Activation of the viral sensor oligoadenylate synthetase 2 (Oas2) prevents pregnancy-driven mammary cancer metastases. Breast Cancer Research, 2022, 24, 31.	2.2	6
2	Inhibitor of Differentiation 4 (ID4) represses mammary myoepithelial differentiation via inhibition of HEB. IScience, 2021, 24, 102072.	1.9	6
3	NSG-Pro mouse model for uncovering resistance mechanisms and unique vulnerabilities in human luminal breast cancers. Science Advances, 2021, 7, eabc8145.	4.7	10
4	MCL-1 antagonism enhances the anti-invasive effects of dasatinib in pancreatic adenocarcinoma. Oncogene, 2020, 39, 1821-1829.	2.6	17
5	ELF5 modulates the estrogen receptor cistrome in breast cancer. PLoS Genetics, 2020, 16, e1008531.	1.5	17
6	Id Proteins Promote a Cancer Stem Cell Phenotype in Mouse Models of Triple Negative Breast Cancer via Negative Regulation of Robo1. Frontiers in Cell and Developmental Biology, 2020, 8, 552.	1.8	18
7	Proteogenomic analysis of Inhibitor of Differentiation 4 (ID4) in basal-like breast cancer. Breast Cancer Research, 2020, 22, 63.	2.2	8
8	ELF5 modulates the estrogen receptor cistrome in breast cancer. , 2020, 16, e1008531.		0
9	ELF5 modulates the estrogen receptor cistrome in breast cancer. , 2020, 16, e1008531.		0
10	ELF5 modulates the estrogen receptor cistrome in breast cancer. , 2020, 16, e1008531.		0
11	ELF5 modulates the estrogen receptor cistrome in breast cancer. , 2020, 16, e1008531.		0
12	The Proliferative and Apoptotic Landscape of Basal-like Breast Cancer. International Journal of Molecular Sciences, 2019, 20, 667.	1.8	19
13	Myeloid cell leukemia 1 (MCL-1), an unexpected modulator of protein kinase signaling during invasion. Cell Adhesion and Migration, 2018, 12, 513-523.	1.1	22
14	Single-Cell Transcriptomics in Cancer Immunobiology: The Future of Precision Oncology. Frontiers in Immunology, 2018, 9, 2582.	2.2	47
15	Static droplet array for culturing single live adherent cells in an isolated chemical microenvironment. Lab on A Chip, 2018, 18, 2156-2166.	3.1	27
16	The innate and adaptive infiltrating immune systems as targets for breast cancer immunotherapy. Endocrine-Related Cancer, 2017, 24, R123-R144.	1.6	64
17	Transient tissue priming via ROCK inhibition uncouples pancreatic cancer progression, sensitivity to chemotherapy, and metastasis. Science Translational Medicine, 2017, 9, .	5.8	208
18	A RhoA-FRET Biosensor Mouse for Intravital Imaging in Normal Tissue Homeostasis and Disease Contexts. Cell Reports, 2017, 21, 274-288.	2.9	83

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19	Andyâ€™s Algorithms: new automated digital image analysis pipelines for FIJI. Scientific Reports, 2017, 7, 15717.	1.6	45
20	A mutation in the viral sensor 2â€™-5â€™-oligoadenylate synthetase 2 causes failure of lactation. PLoS Genetics, 2017, 13, e1007072.	1.5	21
21	MCL-1 inhibition provides a new way to suppress breast cancer metastasis and increase sensitivity to dasatinib. Breast Cancer Research, 2016, 18, 125.	2.2	60
22	ELF5 isoform expression is tissue-specific and significantly altered in cancer. Breast Cancer Research, 2016, 18, 4.	2.2	37
23	Intravital FRAP Imaging using an E-cadherin-GFP Mouse Reveals Disease- and Drug-Dependent Dynamic Regulation of Cell-Cell Junctions in Live Tissue. Cell Reports, 2016, 14, 152-167.	2.9	54
24	LRGUK-1 Is Required for Basal Body and Manchette Function during Spermatogenesis and Male Fertility. PLoS Genetics, 2015, 11, e1005090.	1.5	59
25	ID4 controls mammary stem cells and marks breast cancers with a stem cell-like phenotype. Nature Communications, 2015, 6, 6548.	5.8	49
26	ELF5 Drives Lung Metastasis in Luminal Breast Cancer through Recruitment of Gr1+ CD11b+ Myeloid-Derived Suppressor Cells. PLoS Biology, 2015, 13, e1002330.	2.6	59
27	HENMT1 and piRNA Stability Are Required for Adult Male Germ Cell Transposon Repression and to Define the Spermatogenic Program in the Mouse. PLoS Genetics, 2015, 11, e1005620.	1.5	95
28	Runx2 Is a Novel Regulator of Mammary Epithelial Cell Fate in Development and Breast Cancer. Cancer Research, 2014, 74, 5277-5286.	0.4	60
29	The mammary cellular hierarchy and breast cancer. Cellular and Molecular Life Sciences, 2014, 71, 4301-4324.	2.4	49
30	Profiling the tyrosine phosphoproteome of different mouse mammary tumour models reveals distinct, model-specific signalling networks and conserved oncogenic pathways. Breast Cancer Research, 2014, 16, 437.	2.2	13
31	Acquired convergence of hormone signaling in breast cancer: ER and PR transition from functionally distinct in normal breast to predictors of metastatic disease. Oncotarget, 2014, 5, 8651-8664.	0.8	22
32	BCL-2 Hypermethylation Is a Potential Biomarker of Sensitivity to Antimitotic Chemotherapy in Endocrine-Resistant Breast Cancer. Molecular Cancer Therapeutics, 2013, 12, 1874-1885.	1.9	45
33	RBM5 Is a Male Germ Cell Splicing Factor and Is Required for Spermatid Differentiation and Male Fertility. PLoS Genetics, 2013, 9, e1003628.	1.5	68
34	Progesterone drives mammary secretory differentiation via RankL-mediated induction of Elf5 in luminal progenitor cells. Development (Cambridge), 2013, 140, 1397-1401.	1.2	86
35	ELF5, normal mammary development and the heterogeneous phenotypes of breast cancer. Breast Cancer Management, 2013, 2, 489-498.	0.2	6
36	A Missense Mutation in the Transcription Factor ETV5 Leads to Sterility, Increased Embryonic and Perinatal Death, Postnatal Growth Restriction, Renal Asymmetry and Polydactyly in the Mouse. PLoS ONE, 2013, 8, e77311.	1.1	11

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37	ELF5 Suppresses Estrogen Sensitivity and Underpins the Acquisition of Antiestrogen Resistance in Luminal Breast Cancer. PLoS Biology, 2012, 10, e1001461.	2.6	74
38	RAB-Like 2 Has an Essential Role in Male Fertility, Sperm Intra-Flagellar Transport, and Tail Assembly. PLoS Genetics, 2012, 8, e1002969.	1.5	72
39	Elf5, hormones and cell fate. Trends in Endocrinology and Metabolism, 2012, 23, 292-298.	3.1	31
40	Grb10 regulates the development of fiber number in skeletal muscle. FASEB Journal, 2012, 26, 3658-3669.	0.2	31
41	Interplay between progesterone and prolactin in mammary development and implications for breast cancer. Molecular and Cellular Endocrinology, 2012, 357, 101-107.	1.6	48
42	Lineage Specific Methylation of the Elf5 Promoter in Mammary Epithelial Cells. Stem Cells, 2011, 29, 1611-1619.	1.4	39
43	Hedgehog Overexpression Is Associated with Stromal Interactions and Predicts for Poor Outcome in Breast Cancer. Cancer Research, 2011, 71, 4002-4014.	0.4	149
44	Galanin Mediates the Pathogenesis of Cerulein-Induced Acute Pancreatitis in the Mouse. Pancreas, 2010, 39, 182-187.	0.5	17
45	Insulin, a key regulator of hormone responsive milk protein synthesis during lactogenesis in murine mammary explants. Functional and Integrative Genomics, 2010, 10, 87-95.	1.4	80
46	PIKE-A is required for prolactin-mediated STAT5a activation in mammary gland development. EMBO Journal, 2010, 29, 956-968.	3.5	31
47	Osteoclast differentiation factor RANKL controls development of progestin-driven mammary cancer. Nature, 2010, 468, 98-102.	13.7	507
48	High Notch1 protein expression is an early event in breast cancer development and is associated with the HERâ€2 molecular subtype. Histopathology, 2010, 56, 286-296.	1.6	51
49	Meta-Analysis and Gene Set Enrichment Relative to ER Status Reveal Elevated Activity of MYC and E2F in the â€œBasalâ€•Breast Cancer Subgroup. PLoS ONE, 2009, 4, e4710.	1.1	88
50	Prolactin Regulation of Mammary Gland Development. Journal of Mammary Gland Biology and Neoplasia, 2008, 13, 13-28.	1.0	129
51	Transcriptome analysis identifies pathways associated with enhanced maternal performance in QSi5 mice. BMC Genomics, 2008, 9, 197.	1.2	18
52	KIBRA interacts with discoidin domain receptor 1 to modulate collagen-induced signalling. Biochimica Et Biophysica Acta - Molecular Cell Research, 2008, 1783, 383-393.	1.9	53
53	The Ets transcription factor Elf5 specifies mammary alveolar cell fate. Genes and Development, 2008, 22, 581-586.	2.7	205
54	Identification of Functional Networks of Estrogen- and c-Myc-Responsive Genes and Their Relationship to Response to Tamoxifen Therapy in Breast Cancer. PLoS ONE, 2008, 3, e2987.	1.1	85

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55	Identification of Downstream Targets of Estrogen and c-myc in Breast Cancer Cells. Advances in Experimental Medicine and Biology, 2008, 617, 445-451.	0.8	11
56	Gata-3 and mammary cell fate. Breast Cancer Research, 2007, 9, 302.	2.2	14
57	Key stages in mammary gland development - The alveolar switch: coordinating the proliferative cues and cell fate decisions that drive the formation of lobuloalveoli from ductal epithelium. Breast Cancer Research, 2006, 8, 207.	2.2	123
58	c-Myc overexpression and endocrine resistance in breast cancer. Journal of Steroid Biochemistry and Molecular Biology, 2006, 102, 147-155.	1.2	71
59	Socs2 and Elf5 Mediate Prolactin-Induced Mammary Gland Development. Molecular Endocrinology, 2006, 20, 1177-1187.	3.7	138
60	Elf5 is essential for early embryogenesis and mammary gland development during pregnancy and lactation. EMBO Journal, 2005, 24, 635-644.	3.5	129
61	Transcriptional Changes Underlying the Secretory Activation Phase of Mammary Gland Development. Molecular Endocrinology, 2005, 19, 1868-1883.	3.7	83
62	Prolactin and growth hormone regulate adiponectin secretion and receptor expression in adipose tissue. Biochemical and Biophysical Research Communications, 2005, 331, 1120-1126.	1.0	162
63	Edd , the Murine Hyperplastic Disc Gene, Is Essential for Yolk Sac Vascularization and Chorioallantoic Fusion. Molecular and Cellular Biology, 2004, 24, 7225-7234.	1.1	73
64	Improved glucose homeostasis and enhanced insulin signalling in Grb14-deficient mice. EMBO Journal, 2004, 23, 582-593.	3.5	116
65	Prolactin and the prolactin receptor: new targets of an old hormone. Annals of Medicine, 2004, 36, 414-425.	1.5	80
66	Role of the CDK Inhibitor p27 (Kip1) in Mammary Development and Carcinogenesis: Insights from Knockout Mice. Journal of Mammary Gland Biology and Neoplasia, 2004, 9, 55-66.	1.0	24
67	Prolactin Regulates Mammary Epithelial Cell Proliferation Via Autocrine/Paracrine Mechanism. Endocrine, 2003, 20, 111-114.	2.2	54
68	Cyclin D1, EMS1 and 11q13 Amplification in Breast Cancer. Breast Cancer Research and Treatment, 2003, 78, 323-335.	1.1	243
69	Introduction: Genomic Telescopes. Journal of Mammary Gland Biology and Neoplasia, 2003, 8, 255-256.	1.0	0
70	Local Insulin-Like Growth Factor-II Mediates Prolactin-Induced Mammary Gland Development. Molecular Endocrinology, 2003, 17, 460-471.	3.7	91
71	The Neuropeptide Galanin Augments Lobuloalveolar Development. Journal of Biological Chemistry, 2003, 278, 29145-29152.	1.6	18
72	Prostate Hyperplasia in a Transgenic Mouse with Prostate-Specific Expression of Prolactin. Endocrinology, 2003, 144, 2269-2278.	1.4	106

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73	Prostate Development and Carcinogenesis in Prolactin Receptor Knockout Mice. Endocrinology, 2003, 144, 3196-3205.	1.4	53
74	The Cyclin-Dependent Kinase Inhibitor p27 (Kip1) Regulates Both DNA Synthesis and Apoptosis in Mammary Epithelium But Is Not Required for Its Functional Development during Pregnancy. Molecular Endocrinology, 2003, 17, 2436-2447.	3.7	19
75	Investigation of the Transcriptional Changes Underlying Functional Defects in the Mammary Glands of Prolactin Receptor Knockout Mice. Endocrine Reviews, 2003, 58, 297-323.	7.1	92
76	Y4 receptor knockout rescues fertility in ob/ob mice. Genes and Development, 2002, 16, 1077-1088.	2.7	159
77	Disruption of Steroid and Prolactin Receptor Patterning in the Mammary Gland Correlates with a Block in Lobuloalveolar Development. Molecular Endocrinology, 2002, 16, 2675-2691.	3.7	105
78	The role of prolactin and growth hormone in mammary gland development. Molecular and Cellular Endocrinology, 2002, 197, 127-131.	1.6	102
79	Mouse strain-specific patterns of mammary epithelial ductal side branching are elicited by stromal factors. Developmental Dynamics, 2002, 225, 100-105.	0.8	60
80	SOCS1 deficiency results in accelerated mammary gland development and rescues lactation in prolactin receptor-deficient mice. Genes and Development, 2001, 15, 1631-1636.	2.7	93
81	Mammary Gland Development. Growth Hormone, 2001, , 219-232.	0.2	7
82	Rescue of Preimplantatory Egg Development and Embryo Implantation in Prolactin Receptor-Deficient Mice after Progesterone Administration. Endocrinology, 2000, 141, 2691-2697.	1.4	121
83	Mammary Gland Development and the Prolactin Receptor. , 2000, 480, 85-92.		22
84	Osteoblasts Are a New Target for Prolactin: Analysis of Bone Formation in Prolactin Receptor Knockout Mice**This work was supported in part by grants from Hoechst Marion Roussel, Inc.. Endocrinology, 1999, 140, 96-105.	1.4	172
85	From the molecular biology of prolactin and its receptor to the lessons learned from knockout mice models. Genetic Analysis, Techniques and Applications, 1999, 15, 189-201.	1.5	72
86	Prolactin Controls Mammary Gland Development via Direct and Indirect Mechanisms. Developmental Biology, 1999, 210, 96-106.	0.9	284
87	Prolactin: A Hormone at the Crossroads of Neuroimmunoendocrinology. Annals of the New York Academy of Sciences, 1998, 840, 498-509.	1.8	38
88	Mouse Prolactin Receptor Gene: Genomic Organization Reveals Alternative Promoter Usage and Generation of Isoforms via Alternative 3â€²-Exon Splicing. DNA and Cell Biology, 1998, 17, 761-770.	0.9	53
89	Coexpression and Cross-Regulation of the Prolactin Receptor and Sex Steroid Hormone Receptors in Breast Cancer¹. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 3692-3699.	1.8	93
90	Mammary gland development in prolactin receptor knockout mice. Journal of Mammary Gland Biology and Neoplasia, 1997, 2, 355-364.	1.0	113

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91	Inverse regulation of oestrogen receptor and epidermal growth factor receptor gene expression in MCF-7 breast cancer cells treated with phorbol ester. Journal of Steroid Biochemistry and Molecular Biology, 1996, 58, 267-275.	1.2	16
92	Differential Expression of Oestrogen Regulated Genes in Breast Cancer. Acta OncolÃ³gica, 1995, 34, 641-646.	0.8	36
93	Receptor Domains Involved in Signal Transduction of Prolactin and Growth Hormone. Experimental Biology and Medicine, 1994, 206, 280-283.	1.1	12
94	Regulation of prolactin receptor expression by the tumour promoting phorbol ester 12-O-tetradecanoylphorbol-13-acetate in human breast cancer cells. Journal of Cellular Biochemistry, 1993, 52, 47-56.	1.2	8
95	Mechanisms of prolactin receptor regulation in mammary gland. Molecular and Cellular Endocrinology, 1993, 91, C1-C6.	1.6	41
96	The Effect of Progestins on Prolactin Receptor Gene Transcription in Human Breast Cancer Cells. DNA and Cell Biology, 1992, 11, 721-726.	0.9	20
97	Coordinate regulation of oestrogen and prolactin receptor expression by sodium butyrate in human breast cancer cells. Biochemical and Biophysical Research Communications, 1992, 182, 740-745.	1.0	12
98	Androgen regulation of prolactin-receptor gene expression in MCF-7 and MDA-MB-453 human breast cancer cells. International Journal of Cancer, 1992, 50, 777-782.	2.3	27
99	Solubilization and characterization of a lactogenic receptor from human placental chorion membranes. Journal of Cellular Biochemistry, 1990, 43, 1-15.	1.2	12
100	Rescue of Preimplantatory Egg Development and Embryo Implantation in Prolactin Receptor-Deficient Mice after Progesterone Administration. , 0, .		29
101	ALTEN: A Highâ€Fidelity Primary Tissueâ€Engineering Platform to Assess Cellular Responses Ex Vivo. Advanced Science, 0, , 2103332.	5.6	3