

Gilles Flouriot

List of Publications by Year in descending order

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90
papers

4,584
citations

117625

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102487

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91
all docs

91
docs citations

91
times ranked

3875
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#	ARTICLE	IF	CITATIONS
1	Identification of a new isoform of the human estrogen receptor-alpha (hER-alpha) that is encoded by distinct transcripts and that is able to repress hER-alpha activation function 1. <i>EMBO Journal</i> , 2000, 19, 4688-4700.	7.8	349
2	Membrane and Nuclear Estrogen Receptor Alpha Actions: From Tissue Specificity to Medical Implications. <i>Physiological Reviews</i> , 2017, 97, 1045-1087.	28.8	283
3	Vitellogenin synthesis in cultured hepatocytes; an in vitro test for the estrogenic potency of chemicals. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1993, 44, 263-272.	2.5	258
4	11-Deoxycorticosterone Is a Potent Agonist of the Rainbow Trout (<i>Oncorhynchus mykiss</i>) Mineralocorticoid Receptor. <i>Endocrinology</i> , 2005, 146, 47-55.	2.8	209
5	Influence of xenobiotics on rainbow trout liver estrogen receptor and vitellogenin gene expression. <i>Journal of Molecular Endocrinology</i> , 1995, 15, 143-151.	2.5	203
6	Transcriptional and post-transcriptional regulation of rainbow trout estrogen receptor and vitellogenin gene expression. <i>Molecular and Cellular Endocrinology</i> , 1996, 124, 173-183.	3.2	179
7	Differentially Expressed Messenger RNA Isoforms of the Human Estrogen Receptor- $\hat{\alpha}$ Gene Are Generated by Alternative Splicing and Promoter Usage. <i>Molecular Endocrinology</i> , 1998, 12, 1939-1954.	3.7	137
8	Synergism Between ER $\hat{\alpha}$ Transactivation Function 1 (AF-1) and AF-2 Mediated by Steroid Receptor Coactivator Protein-1: Requirement for the AF-1 $\hat{\alpha}$ -Helical Core and for a Direct Interaction Between the N- and C-Terminal Domains. <i>Molecular Endocrinology</i> , 2001, 15, 1953-1970.	3.7	129
9	ER $\hat{\alpha}$ Gene Expression in Human Primary Osteoblasts: Evidence for the Expression of Two Receptor Proteins. <i>Molecular Endocrinology</i> , 2001, 15, 2064-2077.	3.7	128
10	A Dynamic Structural Model for Estrogen Receptor- $\hat{\alpha}$ Activation by Ligands, Emphasizing the Role of Interactions between Distant A and E Domains. <i>Molecular Cell</i> , 2002, 10, 1019-1032.	9.7	114
11	Activation function 2 (AF2) of estrogen receptor- $\hat{\alpha}$ is required for the atheroprotective action of estradiol but not to accelerate endothelial healing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 13311-13316.	7.1	110
12	The transactivating function 1 of estrogen receptor $\hat{\alpha}$ is dispensable for the vasculoprotective actions of 17 $\hat{\beta}$ -estradiol. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 2053-2058.	7.1	107
13	The uterine and vascular actions of estetrol delineate a distinctive profile of estrogen receptor $\hat{\alpha}$ modulation, uncoupling nuclear and membrane activation. <i>EMBO Molecular Medicine</i> , 2014, 6, 1328-1346.	6.9	96
14	The Human Estrogen Receptor- $\hat{\alpha}$ Isoform hER $\hat{\alpha}$ 46 Antagonizes the Proliferative Influence of hER $\hat{\alpha}$ 66 in MCF7 Breast Cancer Cells. <i>Endocrinology</i> , 2005, 146, 5474-5484.	2.8	95
15	ER $\hat{\alpha}$ Gene Expression in Human Primary Osteoblasts: Evidence for the Expression of Two Receptor Proteins. <i>Molecular Endocrinology</i> , 2001, 15, 2064-2077.	3.7	92
16	Differential Estrogen-Regulation of CXCL12 Chemokine Receptors, CXCR4 and CXCR7, Contributes to the Growth Effect of Estrogens in Breast Cancer Cells. <i>PLoS ONE</i> , 2011, 6, e20898.	2.5	91
17	Two Estrogen Receptor (ER) Isoforms with Different Estrogen Dependencies Are Generated from the Trout ER Gene1. <i>Endocrinology</i> , 2000, 141, 571-580.	2.8	88
18	Differentially Expressed Messenger RNA Isoforms of the Human Estrogen Receptor- $\hat{\alpha}$ Gene Are Generated by Alternative Splicing and Promoter Usage. <i>Molecular Endocrinology</i> , 1998, 12, 1939-1954.	3.7	88

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19	Differential regulation of two genes implicated in fish reproduction: Vitellogenin and estrogen receptor genes. <i>Molecular Reproduction and Development</i> , 1997, 48, 317-323.	2.0	85
20	Enterodiol and enterolactone, two major diet-derived polyphenol metabolites have different impact on ER α transcriptional activation in human breast cancer cells. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2008, 110, 176-185.	2.5	80
21	Synergism Between ER α Transactivation Function 1 (AF-1) and AF-2 Mediated by Steroid Receptor Coactivator Protein-1: Requirement for the AF-1 Helical Core and for a Direct Interaction Between the N- and C-Terminal Domains. <i>Molecular Endocrinology</i> , 2001, 15, 1953-1970.	3.7	79
22	Natural Trans-spliced mRNAs Are Generated from the Human Estrogen Receptor- α (hER α) Gene. <i>Journal of Biological Chemistry</i> , 2002, 277, 26244-26251.	3.4	78
23	The Relative Contribution Exerted by AF-1 and AF-2 Transactivation Functions in Estrogen Receptor α Transcriptional Activity Depends upon the Differentiation Stage of the Cell. <i>Journal of Biological Chemistry</i> , 2004, 279, 26184-26191.	3.4	72
24	Transcriptional Interference Between Glucocorticoid Receptor and Estradiol Receptor Mediates the Inhibitory Effect of Cortisol on Fish Vitellogenesis1. <i>Biology of Reproduction</i> , 2000, 62, 1763-1771.	2.7	62
25	The AF-1 Activation Function of Estrogen Receptor α Is Necessary and Sufficient for Uterine Epithelial Cell Proliferation In Vivo. <i>Endocrinology</i> , 2013, 154, 2222-2233.	2.8	59
26	The 3' Untranslated Region of the Human Estrogen Receptor α Gene Mediates Rapid Messenger Ribonucleic Acid Turnover1. <i>Endocrinology</i> , 2000, 141, 2805-2813.	2.8	57
27	Tissue-specific expression of multiple mRNA variants of the mouse estrogen receptor α gene. <i>FEBS Letters</i> , 2000, 477, 15-20.	2.8	54
28	Tissue-Specific Expression of Two Structurally Different Estrogen Receptor Alpha Isoforms along the Female Reproductive Axis of an Oviparous Species, the Rainbow Trout1. <i>Biology of Reproduction</i> , 2001, 65, 1548-1557.	2.7	53
29	The AF-1-deficient estrogen receptor ER α 46 isoform is frequently expressed in human breast tumors. <i>Breast Cancer Research</i> , 2016, 18, 123.	5.0	50
30	Two Functionally Different Protein Isoforms Are Produced from the Chicken Estrogen Receptor- α Gene. <i>Molecular Endocrinology</i> , 1999, 13, 1571-1587.	3.7	41
31	Expression of Estrogen Receptor ESR1 and Its 46-kDa Variant in the Gubernaculum Testis1. <i>Biology of Reproduction</i> , 2005, 73, 703-712.	2.7	40
32	Two Estrogen Receptor (ER) Isoforms with Different Estrogen Dependencies Are Generated from the Trout ER Gene. <i>Endocrinology</i> , 2000, 141, 571-580.	2.8	37
33	Regulation of gene expression and biological activity of rainbow trout estrogen receptor. <i>Fish Physiology and Biochemistry</i> , 1997, 17, 123-133.	2.3	36
34	Formation of an hER α -COUP-TFI complex enhances hER α AF-1 through Ser118 phosphorylation by MAPK. <i>EMBO Journal</i> , 2002, 21, 3443-3453.	7.8	35
35	Up-regulation of type II collagen gene by 17 β -estradiol in articular chondrocytes involves Sp1/3, Sox-9, and estrogen receptor α . <i>Journal of Molecular Medicine</i> , 2014, 92, 1179-1200.	3.9	32
36	LDL attenuates VEGF-induced angiogenesis via mechanisms involving VEGFR2 internalization and degradation following endosome-trans-Golgi network trafficking. <i>Angiogenesis</i> , 2013, 16, 625-637.	7.2	31

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37	A Novel Promoter Is Involved in the Expression of Estrogen Receptor β in Human Testis and Epididymis. <i>Endocrinology</i> , 2002, 143, 3397-3404.	2.8	30
38	COUP-TFI modulates estrogen signaling and influences proliferation, survival and migration of breast cancer cells. <i>Breast Cancer Research and Treatment</i> , 2008, 110, 69-83.	2.5	30
39	COUP-TFI modifies CXCL12 and CXCR4 expression by activating EGF signaling and stimulates breast cancer cell migration. <i>BMC Cancer</i> , 2014, 14, 407.	2.6	29
40	Estrogen receptor alpha mediates neuronal differentiation and neuroprotection in PC12 cells: critical role of the A/B domain of the receptor. <i>Journal of Molecular Endocrinology</i> , 2005, 35, 257-267.	2.5	28
41	Respective contribution exerted by AF β 1 and AF β 2 transactivation functions in estrogen receptor β induced transcriptional activity by isoflavones and equol: Consequence on breast cancer cell proliferation. <i>Molecular Nutrition and Food Research</i> , 2009, 53, 652-658.	3.3	28
42	Tamoxifen Elicits Atheroprotection through Estrogen Receptor β AF-1 But Does Not Accelerate Reendothelialization. <i>American Journal of Pathology</i> , 2013, 183, 304-312.	3.8	26
43	Systematic genomic screening and analysis of mRNA in untranslated regions and mRNA precursors: combining experimental and computational approaches. <i>Bioinformatics</i> , 1998, 14, 271-278.	4.1	25
44	Identification of Novel Chicken Estrogen Receptor- β Messenger Ribonucleic Acid Isoforms Generated by Alternative Splicing and Promoter Usage**This work was supported by the Irish American Partnership (to C.G.), the Irish Cancer Society, and an EMBO long term fellowship (to G.F.).. <i>Endocrinology</i> , 1998, 139, 4614-4625.	2.8	25
45	17 β -Oestradiol up-regulates the expression of a functional UDP-glucose dehydrogenase in articular chondrocytes: comparison with effects of cytokines and growth factors. <i>Rheumatology</i> , 2007, 47, 281-288.	1.9	25
46	Effects of Estrogens and Endocrine-Disrupting Chemicals on Cell Differentiation-“Survival”-Proliferation in Brain: Contributions of Neuronal Cell Lines. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2011, 14, 300-327.	6.5	25
47	Changes in Gene Expression and Estrogen Receptor Cistrome in Mouse Liver Upon Acute E2 Treatment. <i>Molecular Endocrinology</i> , 2016, 30, 709-732.	3.7	25
48	Modulation of Estrogen Receptor Alpha Activity and Expression During Breast Cancer Progression. <i>Vitamins and Hormones</i> , 2013, 93, 135-160.	1.7	24
49	The 3'-Untranslated Region of the Human Estrogen Receptor β Gene Mediates Rapid Messenger Ribonucleic Acid Turnover. <i>Endocrinology</i> , 2000, 141, 2805-2813.	2.8	24
50	A Closer Look at Estrogen Receptor Mutations in Breast Cancer and Their Implications for Estrogen and Antiestrogen Responses. <i>International Journal of Molecular Sciences</i> , 2021, 22, 756.	4.1	23
51	Different Outcomes of Unliganded and Liganded Estrogen Receptor- β on Neurite Outgrowth in PC12 Cells. <i>Endocrinology</i> , 2009, 150, 200-211.	2.8	22
52	Development and validation of a test for environmental estrogens: Checking xenoestrogen activity by CXCL12 secretion in BREAST CANCER CELL LINES (CXCL12test). <i>Environmental Toxicology</i> , 2010, 25, 495-503.	4.0	22
53	The actin/MKL1 signalling pathway influences cell growth and gene expression through large-scale chromatin reorganization and histone post-translational modifications. <i>Biochemical Journal</i> , 2014, 461, 257-268.	3.7	22
54	Two Functionally Different Protein Isoforms Are Produced from the Chicken Estrogen Receptor- β Gene. <i>Molecular Endocrinology</i> , 1999, 13, 1571-1587.	3.7	22

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55	An S1 Nuclease Mapping Method for Detection of Low Abundance Transcripts. <i>Analytical Biochemistry</i> , 1996, 237, 159-161.	2.4	21
56	The Glucocorticoid Receptor Represses the Positive Autoregulation of the Trout Estrogen Receptor Gene by Preventing the Enhancer Effect of a C/EBP β -Like Protein. <i>Endocrinology</i> , 2002, 143, 2961-2974.	2.8	21
57	Distribution Analysis of the Two Chicken Estrogen Receptor-Alpha Isoforms and Their Transcripts in the Hypothalamus and Anterior Pituitary Gland1. <i>Biology of Reproduction</i> , 2001, 65, 1156-1163.	2.7	20
58	Comparative Effects of R- and S-equol and Implication of Transactivation Functions (AF-1 and AF-2) in Estrogen Receptor-Induced Transcriptional Activity. <i>Nutrients</i> , 2010, 2, 340-354.	4.1	20
59	Xenobiotic metabolizing enzyme activities in aggregate culture of rainbow trout hepatocytes. <i>Marine Environmental Research</i> , 1995, 39, 293-297.	2.5	19
60	Repression of the Estrogen Receptor- α Transcriptional Activity by the Rho/Megakaryoblastic Leukemia 1 Signaling Pathway. <i>Journal of Biological Chemistry</i> , 2009, 284, 33729-33739.	3.4	18
61	Dynamics of Estrogen Receptor-mediated Transcriptional Activation of Responsive Genes In Vivo: Apprehending Transcription in Four Dimensions. <i>Advances in Experimental Medicine and Biology</i> , 2008, 617, 129-138.	1.6	18
62	Maintenance of cytochrome P450 content and phase I and phase II enzyme activities in trout hepatocytes cultured as spheroidal aggregates. <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 1996, 113, 241-246.	0.5	17
63	Unliganded Estrogen Receptor Alpha Promotes PC12 Survival during Serum Starvation. <i>PLoS ONE</i> , 2013, 8, e69081.	2.5	16
64	Tamoxifen Accelerates Endothelial Healing by Targeting ER α in Smooth Muscle Cells. <i>Circulation Research</i> , 2020, 127, 1473-1487.	4.5	16
65	From <i>in vivo</i> gene targeting of oestrogen receptors to optimization of their modulation in menopause. <i>British Journal of Pharmacology</i> , 2012, 165, 57-66.	5.4	15
66	Transcriptional regulation of expression of the rainbow trout albumin gene by estrogen. <i>Journal of Molecular Endocrinology</i> , 1998, 20, 355-362.	2.5	14
67	Membrane estrogen receptor alpha (ER α) participates in flow-mediated dilation in a ligand-independent manner. <i>ELife</i> , 2021, 10, .	6.0	13
68	Improved Efficiency for Primer Extension by Using a Long, Highly-Labeled Primer Generated from Immobilized Single-Stranded DNA Templates. <i>Nucleic Acids Research</i> , 1997, 25, 1658-1659.	14.5	12
69	Activation of the MKL1/actin signaling pathway induces hormonal escape in estrogen-responsive breast cancer cell lines. <i>Molecular and Cellular Endocrinology</i> , 2014, 390, 34-44.	3.2	11
70	Identification of Novel Chicken Estrogen Receptor- α Messenger Ribonucleic Acid Isoforms Generated by Alternative Splicing and Promoter Usage. <i>Endocrinology</i> , 1998, 139, 4614-4625.	2.8	11
71	Loss of E-cadherin-mediated cell contacts reduces estrogen receptor alpha (ER α) transcriptional efficiency by affecting the respective contribution exerted by AF1 and AF2 transactivation functions. <i>Biochemical and Biophysical Research Communications</i> , 2008, 365, 304-309.	2.1	10
72	Epigenetic memories: structural marks or active circuits?. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 2189-2203.	5.4	10

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73	The transcriptional activities and cellular localization of the human estrogen receptor alpha are affected by the synonymous Ala87 mutation. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014, 143, 99-104.	2.5	10
74	Differentiation of PC12 cells expressing estrogen receptor alpha: A new bioassay for endocrine-disrupting chemicals evaluation. <i>Chemosphere</i> , 2014, 112, 240-247.	8.2	10
75	The tissue-specific effects of different 17 β -estradiol doses reveal the key sensitizing role of AF1 domain in ER α activity. <i>Molecular and Cellular Endocrinology</i> , 2020, 505, 110741.	3.2	10
76	Nuclear accumulation of MKL1 in luminal breast cancer cells impairs genomic activity of ER α and is associated with endocrine resistance. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2020, 1863, 194507.	1.9	9
77	The Glucocorticoid Receptor Represses the Positive Autoregulation of the Trout Estrogen Receptor Gene by Preventing the Enhancer Effect of a C/EBP α -Like Protein. <i>Endocrinology</i> , 2002, 143, 2961-2974.	2.8	9
78	The 3' Untranslated Region of the human Estrogen Receptor gene post-transcriptionally reduces mRNA levels. <i>Biochemical Society Transactions</i> , 1996, 24, 1075-107S.	3.4	8
79	Induction of Rainbow Trout Estradiol Receptor mRNA and Vitellogenin mRNA by Phytoestrogens in Hepatocyte Cultures. <i>Annals of the New York Academy of Sciences</i> , 1998, 839, 600-601.	3.8	8
80	A Dynamic Model of Transcriptional Imprinting Derived from the Vitellogenesis Memory Effect. <i>Biophysical Journal</i> , 2011, 101, 1557-1568.	0.5	8
81	Nuclear translocation of MRTFA in MCF7 breast cancer cells shifts ER α nuclear/genomic to extra-nuclear/non genomic actions. <i>Molecular and Cellular Endocrinology</i> , 2021, 530, 111282.	3.2	7
82	A model of dynamic stability of H3K9me3 heterochromatin to explain the resistance to reprogramming of differentiated cells. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2017, 1860, 184-195.	1.9	6
83	Identification of differentially expressed 5'-end mRNA variants by an improved RACE technique (PEETA). <i>Nucleic Acids Research</i> , 1999, 27, 8e-8.	14.5	6
84	Fine-tuning the metabolic rewiring and adaptation of translational machinery during an epithelial-mesenchymal transition in breast cancer cells. <i>Cancer & Metabolism</i> , 2020, 8, 8.	5.0	5
85	The Basal Level of Gene Expression Associated with Chromatin Loosening Shapes Waddington Landscapes and Controls Cell Differentiation. <i>Journal of Molecular Biology</i> , 2020, 432, 2253-2270.	4.2	4
86	The Synonymous Ala87 Mutation of Estrogen Receptor Alpha Modifies Transcriptional Activation Through Both ERE and AP1 Sites. <i>Methods in Molecular Biology</i> , 2016, 1366, 287-296.	0.9	4
87	Envisioning metastasis as a transdifferentiation phenomenon clarifies discordant results on cancer. <i>Breast Disease</i> , 2016, 36, 47-59.	0.8	3
88	265 17BETA-ESTRADIOL-INDUCED UP-REGULATION OF TYPE II COLLAGEN EXPRESSION IS MEDIATED BY ER ALPHA/SP/SOX-9/P300 COMPLEX THROUGH COL2A1 PROMOTER/FIRST INTRON INTERACTIONS IN DIFFERENTIATED AND DEDIFFERENTIATED ARTICULAR CHONDROCYTES. <i>Osteoarthritis and Cartilage</i> , 2010, 18, S120.	1.3	2
89	A Complex Regulatory Unit Mediates Estrogen Receptor Gene Autoregulation in Fish. <i>Annals of the New York Academy of Sciences</i> , 1998, 839, 129-132.	3.8	1
90	The Control of Expression of Chicken and Human Estrogen Receptor Genes. <i>Annals of the New York Academy of Sciences</i> , 1998, 839, 133-137.	3.8	0