Gilles Flouriot

List of Publications by Year
in descending order

90 papers	4,584 citations	117625 34 h-index	102487 66 g-index
91 all docs	91 docs citations	91 times ranked	3875 citing authors

#	Article	IF	Citations
1	A Closer Look at Estrogen Receptor Mutations in Breast Cancer and Their Implications for Estrogen and Antiestrogen Responses. International Journal of Molecular Sciences, 2021, 22, 756.	4.1	23
2	Nuclear translocation of MRTFA in MCF7 breast cancer cells shifts ERÎ± nuclear/genomic to extra-nuclear/non genomic actions. Molecular and Cellular Endocrinology, 2021, 530, 111282.	3.2	7
3	Membrane estrogen receptor alpha (ERÎ±) participates in flow-mediated dilation in a ligand-independent manner. ELife, 2021, 10, .	6.0	13
4	Tamoxifen Accelerates Endothelial Healing by Targeting ERÎ± in Smooth Muscle Cells. Circulation Research, 2020, 127, 1473-1487.	4.5	16
5	The tissue-specific effects of different 17Î²-estradiol doses reveal the key sensitizing role of AF1 domain in ERÎ± activity. Molecular and Cellular Endocrinology, 2020, 505, 110741.	3.2	10
6	Fine-tuning the metabolic rewiring and adaptation of translational machinery during an epithelial-mesenchymal transition in breast cancer cells. Cancer & Metabolism, 2020, 8, 8.	5.0	5
7	The Basal Level of Gene Expression Associated with Chromatin Loosening Shapes Waddington Landscapes and Controls Cell Differentiation. Journal of Molecular Biology, 2020, 432, 2253-2270.	4.2	4
8	Nuclear accumulation of MKL1 in luminal breast cancer cells impairs genomic activity of ERÎ± and is associated with endocrine resistance. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2020, 1863, 194507.	1.9	9
9	Membrane and Nuclear Estrogen Receptor Alpha Actions: From Tissue Specificity to Medical Implications. Physiological Reviews, 2017, 97, 1045-1087.	28.8	283
10	A model of dynamic stability of H3K9me3 heterochromatin to explain the resistance to reprogramming of differentiated cells. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2017, 1860, 184-195.	1.9	6
11	Envisioning metastasis as a transdifferentiation phenomenon clarifies discordant results on cancer. Breast Disease, 2016, 36, 47-59.	0.8	3
12	The AF-1-deficient estrogen receptor ERÎ±46 isoform is frequently expressed in human breast tumors. Breast Cancer Research, 2016, 18, 123.	5.0	50
13	Changes in Gene Expression and Estrogen Receptor Cistrome in Mouse Liver Upon Acute E2 Treatment. Molecular Endocrinology, 2016, 30, 709-732.	3.7	25
14	The Synonymous Ala87 Mutation of Estrogen Receptor Alpha Modifies Transcriptional Activation Through Both ERE and AP1 Sites. Methods in Molecular Biology, 2016, 1366, 287-296.	0.9	4
15	The actin/MKL1 signalling pathway influences cell growth and gene expression through large-scale chromatin reorganization and histone post-translational modifications. Biochemical Journal, 2014, 461, 257-268.	3.7	22
16	Activation of the MKL1/actin signaling pathway induces hormonal escape in estrogen-responsive breast cancer cell lines. Molecular and Cellular Endocrinology, 2014, 390, 34-44.	3.2	11
17	The transcriptional activities and cellular localization of the human estrogen receptor alpha are affected by the synonymous Ala87 mutation. Journal of Steroid Biochemistry and Molecular Biology, 2014, 143, 99-104.	2.5	10
18	The uterine and vascular actions of estetrol delineate a distinctive profile of estrogen receptor Î± modulation, uncoupling nuclear and membrane activation. EMBO Molecular Medicine, 2014, 6, 1328-1346.	6.9	96

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19	Up-regulation of type II collagen gene by 17Î²-estradiol in articular chondrocytes involves Sp1/3, Sox-9, and estrogen receptor Î±. Journal of Molecular Medicine, 2014, 92, 1179-1200.	3.9	32
20	COUP-TFI modifies CXCL12 and CXCR4 expression by activating EGF signaling and stimulates breast cancer cell migration. BMC Cancer, 2014, 14, 407.	2.6	29
21	Differentiation of PC12 cells expressing estrogen receptor alpha: A new bioassay for endocrine-disrupting chemicals evaluation. Chemosphere, 2014, 112, 240-247.	8.2	10
22	Tamoxifen Elicits Atheroprotection through Estrogen Receptor Î± AF-1 But Does Not Accelerate Reendothelialization. American Journal of Pathology, 2013, 183, 304-312.	3.8	26
23	LDL attenuates VEGF-induced angiogenesis via mechanisms involving VEGFR2 internalization and degradation following endosome-trans-Golgi network trafficking. Angiogenesis, 2013, 16, 625-637.	7.2	31
24	Modulation of Estrogen Receptor Alpha Activity and Expression During Breast Cancer Progression. Vitamins and Hormones, 2013, 93, 135-160.	1.7	24
25	The AF-1 Activation Function of Estrogen Receptor Î± Is Necessary and Sufficient for Uterine Epithelial Cell Proliferation In Vivo. Endocrinology, 2013, 154, 2222-2233.	2.8	59
26	Unliganded Estrogen Receptor Alpha Promotes PC12 Survival during Serum Starvation. PLoS ONE, 2013, 8, e69081.	2.5	16
27	Epigenetic memories: structural marks or active circuits?. Cellular and Molecular Life Sciences, 2012, 69, 2189-2203.	5.4	10
28	From in vivo gene targeting of oestrogen receptors to optimization of their modulation in menopause. British Journal of Pharmacology, 2012, 165, 57-66.	5.4	15
29	A Dynamic Model of Transcriptional Imprinting Derived from the Vitellogenesis Memory Effect. Biophysical Journal, 2011, 101, 1557-1568.	0.5	8
30	Differential Estrogen-Regulation of CXCL12 Chemokine Receptors, CXCR4 and CXCR7, Contributes to the Growth Effect of Estrogens in Breast Cancer Cells. PLoS ONE, 2011, 6, e20898.	2.5	91
31	Effects of Estrogens and Endocrine-Disrupting Chemicals on Cell Differentiationâ€“Survivalâ€“Proliferation in Brain: Contributions of Neuronal Cell Lines. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2011, 14, 300-327.	6.5	25
32	Activation function 2 (AF2) of estrogen receptor-Î± is required for the atheroprotective action of estradiol but not to accelerate endothelial healing. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 13311-13316.	7.1	110
33	Comparative Effects of R- and S-equol and Implication of Transactivation Functions (AF-1 and AF-2) in Estrogen Receptor-Induced Transcriptional Activity. Nutrients, 2010, 2, 340-354.	4.1	20
34	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. Osteoarthritis and Cartilage, 2010, 18, S120.	1.3	2
35	Development and validation of a test for environmental estrogens: Checking xenoâ€estrogen activity by CXCL12 secretion in BREAST CANCER CELL LINES (CXCLâ€test). Environmental Toxicology, 2010, 25, 495-503.	4.0	22
36	Repression of the Estrogen Receptor-Î± Transcriptional Activity by the Rho/Megakaryoblastic Leukemia 1 Signaling Pathway. Journal of Biological Chemistry, 2009, 284, 33729-33739.	3.4	18

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37	Different Outcomes of Unliganded and Liganded Estrogen Receptor-Î± on Neurite Outgrowth in PC12 Cells. Endocrinology, 2009, 150, 200-211.	2.8	22
38	The transactivating function 1 of estrogen receptor Î± is dispensable for the vasculoprotective actions of 17Î²-estradiol. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 2053-2058.	7.1	107
39	Respective contribution exerted by AFâ€1 and AFâ€2 transactivation functions in estrogen receptor Î± induced transcriptional activity by isoflavones and equol: Consequence on breast cancer cell proliferation. Molecular Nutrition and Food Research, 2009, 53, 652-658.	3.3	28
40	COUP-TFI modulates estrogen signaling and influences proliferation, survival and migration of breast cancer cells. Breast Cancer Research and Treatment, 2008, 110, 69-83.	2.5	30
41	Enterodiol and enterolactone, two major diet-derived polyphenol metabolites have different impact on ERÎ± transcriptional activation in human breast cancer cells. Journal of Steroid Biochemistry and Molecular Biology, 2008, 110, 176-185.	2.5	80
42	Loss of E-cadherin-mediated cell contacts reduces estrogen receptor alpha (ERÎ±) transcriptional efficiency by affecting the respective contribution exerted by AF1 and AF2 transactivation functions. Biochemical and Biophysical Research Communications, 2008, 365, 304-309.	2.1	10
43	Dynamics of Estrogen Receptor-mediated Transcriptional Activation of Responsive Genes In Vivo: Apprehending Transcription in Four Dimensions. Advances in Experimental Medicine and Biology, 2008, 617, 129-138.	1.6	18
44	17Â-Oestradiol up-regulates the expression of a functional UDP-glucose dehydrogenase in articular chondrocytes: comparison with effects of cytokines and growth factors. Rheumatology, 2007, 47, 281-288.	1.9	25
45	Estrogen receptor alpha mediates neuronal differentiation and neuroprotection in PC12 cells: critical role of the A/B domain of the receptor. Journal of Molecular Endocrinology, 2005, 35, 257-267.	2.5	28
46	The Human Estrogen Receptor-Î± Isoform hERÎ±46 Antagonizes the Proliferative Influence of hERÎ±66 in MCF7 Breast Cancer Cells. Endocrinology, 2005, 146, 5474-5484.	2.8	95
47	Expression of Estrogen Receptor ESR1 and Its 46-kDa Variant in the Gubernaculum Testis1. Biology of Reproduction, 2005, 73, 703-712.	2.7	40
48	11-Deoxycorticosterone Is a Potent Agonist of the Rainbow Trout (Oncorhynchus mykiss) Mineralocorticoid Receptor. Endocrinology, 2005, 146, 47-55.	2.8	209
49	The Relative Contribution Exerted by AF-1 and AF-2 Transactivation Functions in Estrogen Receptor Î± Transcriptional Activity Depends upon the Differentiation Stage of the Cell. Journal of Biological Chemistry, 2004, 279, 26184-26191.	3.4	72
50	Natural Trans-spliced mRNAs Are Generated from the Human Estrogen Receptor-Î± (hERÎ±) Gene. Journal of Biological Chemistry, 2002, 277, 26244-26251.	3.4	78
51	A Novel Promoter Is Involved in the Expression of Estrogen Receptor Î± in Human Testis and Epididymis. Endocrinology, 2002, 143, 3397-3404.	2.8	30
52	The Glucocorticoid Receptor Represses the Positive Autoregulation of the Trout Estrogen Receptor Gene by Preventing the Enhancer Effect of a C/EBPÎ²-Like Protein. Endocrinology, 2002, 143, 2961-2974.	2.8	21
53	A Dynamic Structural Model for Estrogen Receptor-Î± Activation by Ligands, Emphasizing the Role of Interactions between Distant A and E Domains. Molecular Cell, 2002, 10, 1019-1032.	9.7	114
54	Formation of an hERalpha-COUP-TFI complex enhances hERalpha AF-1 through Ser118 phosphorylation by MAPK. EMBO Journal, 2002, 21, 3443-3453.	7.8	35

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55	The Glucocorticoid Receptor Represses the Positive Autoregulation of the Trout Estrogen Receptor Gene by Preventing the Enhancer Effect of a C/EBPÂ-Like Protein. Endocrinology, 2002, 143, 2961-2974.	2.8	9
56	Distribution Analysis of the Two Chicken Estrogen Receptor-Alpha Isoforms and Their Transcripts in the Hypothalamus and Anterior Pituitary Gland1. Biology of Reproduction, 2001, 65, 1156-1163.	2.7	20
57	Tissue-Specific Expression of Two Structurally Different Estrogen Receptor Alpha Isoforms along the Female Reproductive Axis of an Oviparous Species, the Rainbow Trout1. Biology of Reproduction, 2001, 65, 1548-1557.	2.7	53
58	ERÎ± Gene Expression in Human Primary Osteoblasts: Evidence for the Expression of Two Receptor Proteins. Molecular Endocrinology, 2001, 15, 2064-2077.	3.7	128
59	Synergism Between ERÎ± Transactivation Function 1 (AF-1) and AF-2 Mediated by Steroid Receptor Coactivator Protein-1: Requirement for the AF-1 Î±-Helical Core and for a Direct Interaction Between the N- and C-Terminal Domains. Molecular Endocrinology, 2001, 15, 1953-1970.	3.7	129
60	Synergism Between ERÂ Transactivation Function 1 (AF-1) and AF-2 Mediated by Steroid Receptor Coactivator Protein-1: Requirement for the AF-1 Â-Helical Core and for a Direct Interaction Between the N- and C-Terminal Domains. Molecular Endocrinology, 2001, 15, 1953-1970.	3.7	79
61	ERÂ Gene Expression in Human Primary Osteoblasts: Evidence for the Expression of Two Receptor Proteins. Molecular Endocrinology, 2001, 15, 2064-2077.	3.7	92
62	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. EMBO Journal, 2000, 19, 4688-4700.	7.8	349
63	Two Estrogen Receptor (ER) Isoforms with Different Estrogen Dependencies Are Generated from the Trout ER Gene1. Endocrinology, 2000, 141, 571-580.	2.8	88
64	The 3â€²-Untranslated Region of the Human Estrogen Receptor Î± Gene Mediates Rapid Messenger Ribonucleic Acid Turnover1. Endocrinology, 2000, 141, 2805-2813.	2.8	57
65	Transcriptional Interference Between Glucocorticoid Receptor and Estradiol Receptor Mediates the Inhibitory Effect of Cortisol on Fish Vitellogenesis1. Biology of Reproduction, 2000, 62, 1763-1771.	2.7	62
66	Tissue-specific expression of multiple mRNA variants of the mouse estrogen receptor Î± gene. FEBS Letters, 2000, 477, 15-20.	2.8	54
67	Two Estrogen Receptor (ER) Isoforms with Different Estrogen Dependencies Are Generated from the Trout ER Gene. Endocrinology, 2000, 141, 571-580.	2.8	37
68	The 3'-Untranslated Region of the Human Estrogen Receptor Â Gene Mediates Rapid Messenger Ribonucleic Acid Turnover. Endocrinology, 2000, 141, 2805-2813.	2.8	24
69	Two Functionally Different Protein Isoforms Are Produced from the Chicken Estrogen Receptor-Î± Gene. Molecular Endocrinology, 1999, 13, 1571-1587.	3.7	41
70	Identification of differentially expressed 5'-end mRNA variants by an improved RACE technique (PEETA). Nucleic Acids Research, 1999, 27, 8e-8.	14.5	6
71	Two Functionally Different Protein Isoforms Are Produced from the Chicken Estrogen Receptor-Â Gene. Molecular Endocrinology, 1999, 13, 1571-1587.	3.7	22
72	A Complex Regulatory Unit Mediates Estrogen Receptor Gene Autoregulation in Fish. Annals of the New York Academy of Sciences, 1998, 839, 129-132.	3.8	1

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73	The Control of Expression of Chicken and Human Estrogen Receptor Genesa. Annals of the New York Academy of Sciences, 1998, 839, 133-137.	3.8	0
74	Induction of Rainbow Trout Estradiol Receptor mRNA and Vitellogenin mRNA by Phytoestrogens in Hepatocyte Culturesa. Annals of the New York Academy of Sciences, 1998, 839, 600-601.	3.8	8
75	Systematic genomic screening and analysis of mRNA in untranslated regions and mRNA precursors: combining experimental and computational approaches. Bioinformatics, 1998, 14, 271-278.	4.1	25
76	Identification of Novel Chicken Estrogen Receptor-Î± 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.).. Endocrinology, 1998, 139, 4614-4625.	2.8	25
77	Differentially Expressed Messenger RNA Isoforms of the Human Estrogen Receptor-Î± Gene Are Generated by Alternative Splicing and Promoter Usage. Molecular Endocrinology, 1998, 12, 1939-1954.	3.7	137
78	Transcriptional regulation of expression of the rainbow trout albumin gene by estrogen. Journal of Molecular Endocrinology, 1998, 20, 355-362.	2.5	14
79	Identification of Novel Chicken Estrogen Receptor-Â Messenger Ribonucleic Acid Isoforms Generated by Alternative Splicing and Promoter Usage. Endocrinology, 1998, 139, 4614-4625.	2.8	11
80	Differentially Expressed Messenger RNA Isoforms of the Human Estrogen Receptor-Â Gene Are Generated by Alternative Splicing and Promoter Usage. Molecular Endocrinology, 1998, 12, 1939-1954.	3.7	88
81	Improved Efficiency for Primer Extension by Using a Long, Highly-Labeled Primer Generated from Immobilized Single-Stranded DNA Templates. Nucleic Acids Research, 1997, 25, 1658-1659.	14.5	12
82	Differential regulation of two genes implicated in fish reproduction: Vitellogenin and estrogen receptor genes. Molecular Reproduction and Development, 1997, 48, 317-323.	2.0	85
83	Regulation of gene expression and biological activity of rainbow trout estrogen receptor. Fish Physiology and Biochemistry, 1997, 17, 123-133.	2.3	36
84	Maintenance of cytochrome P450 content and phase I and phase II enzyme activities in trout hepatocytes cultured as spheroidal aggregates. Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology, 1996, 113, 241-246.	0.5	17
85	Transcriptional and post-transcriptional regulation of rainbow trout estrogen receptor and vitellogenin gene expression. Molecular and Cellular Endocrinology, 1996, 124, 173-183.	3.2	179
86	The 3'Untranslated Region of the human Estrogen Receptor gene post-transcriptionally reduces mRNA levels. Biochemical Society Transactions, 1996, 24, 107S-107S.	3.4	8
87	An S1 Nuclease Mapping Method for Detection of Low Abundance Transcripts. Analytical Biochemistry, 1996, 237, 159-161.	2.4	21
88	Influence of xenobiotics on rainbow trout liver estrogen receptor and vitellogenin gene expression. Journal of Molecular Endocrinology, 1995, 15, 143-151.	2.5	203
89	Xenobiotic metabolizing enzyme activities in aggregate culture of rainbow trout hepatocytes. Marine Environmental Research, 1995, 39, 293-297.	2.5	19
90	Vitellogenin synthesis in cultured hepatocytes; an in vitro test for the estrogenic potency of chemicals. Journal of Steroid Biochemistry and Molecular Biology, 1993, 44, 263-272.	2.5	258