

Coralie Fontaine

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

43
papers

1,412
citations

19
h-index

37
g-index

45
ext. papers

1,786
ext. citations

7.8
avg, IF

3.99
L-index

#	Paper	IF	Citations
43	Segregation of nuclear and membrane-initiated actions of estrogen receptor using genetically modified animals and pharmacological tools. <i>Molecular and Cellular Endocrinology</i> , 2022 , 539, 111467	4.4	0
42	Early Inactivation of Membrane Estrogen Receptor Alpha (ER α) Recapitulates the Endothelial Dysfunction of Aged Mouse Resistance Arteries.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	1
41	A historical view of estrogen effect on arterial endothelial healing: From animal models to medical implication. <i>Atherosclerosis</i> , 2021 , 338, 30-38	3.1	1
40	Membrane estrogen receptor alpha (ER α) participates in flow-mediated dilation in a ligand-independent manner. <i>ELife</i> , 2021 , 10,	8.9	3
39	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	4.4	3
38	Estetrol prevents Western diet-induced obesity and atheroma independently of hepatic estrogen receptor α <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021 , 320, E19-E29	6	4
37	Critical Role of Estrogens on Bone Homeostasis in Both Male and Female: From Physiology to Medical Implications. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	13
36	Estrogen Receptor and Vascular Aging. <i>Frontiers in Aging</i> , 2021 , 2,	2.5	2
35	The Impact of Estrogen Receptor in Arterial and Lymphatic Vascular Diseases. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	9
34	Mutation of Arginine 264 on ER α (Estrogen Receptor Alpha) Selectively Abrogates the Rapid Signaling of Estradiol in the Endothelium Without Altering Fertility. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020 , 40, 2143-2158	9.4	16
33	Nuclear Activation Function 2 Estrogen Receptor α Attenuates Arterial and Renal Alterations Due to Aging and Hypertension in Female Mice. <i>Journal of the American Heart Association</i> , 2020 , 9, e013895	6	12
32	Estrogen Receptors and Endometriosis. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	28
31	Growth and differentiation factor 15 is secreted by skeletal muscle during exercise and promotes lipolysis in humans. <i>JCI Insight</i> , 2020 , 5,	9.9	37
30	Tamoxifen Accelerates Endothelial Healing by Targeting ER α in Smooth Muscle Cells. <i>Circulation Research</i> , 2020 , 127, 1473-1487	15.7	6
29	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	4.4	7
28	Selective Liver Estrogen Receptor α Modulation Prevents Steatosis, Diabetes, and Obesity Through the Anorectic Growth Differentiation Factor 15 Hepatokine in Mice. <i>Hepatology Communications</i> , 2019 , 3, 908-924	6	15
27	Effects of conjugated estrogen and bazedoxifene on hemostasis and thrombosis in mice. <i>Endocrine Connections</i> , 2019 , 8, 788-795	3.5	1

26	Respective role of membrane and nuclear estrogen receptor (ER) in the mandible of growing mice: Implications for ER modulation. <i>Journal of Bone and Mineral Research</i> , 2018 , 33, 1520-1531	6.3	6
25	The antagonist properties of Bazedoxifene after acute treatment are shifted to stimulatory action after chronic exposure in the liver but not in the uterus. <i>Molecular and Cellular Endocrinology</i> , 2018 , 472, 87-96	4.4	4
24	Towards optimization of estrogen receptor modulation in medicine. <i>Pharmacology & Therapeutics</i> , 2018 , 189, 123-129	13.9	13
23	Effect of estetrol, a selective nuclear estrogen receptor modulator, in mouse models of arterial and venous thrombosis. <i>Molecular and Cellular Endocrinology</i> , 2018 , 477, 132-139	4.4	15
22	Estrogen receptor subcellular localization and cardiometabolism. <i>Molecular Metabolism</i> , 2018 , 15, 56-69	8.8	28
21	Predominant Role of Nuclear Versus Membrane Estrogen Receptor in Arterial Protection: Implications for Estrogen Receptor Modulation in Cardiovascular Prevention/Safety. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	29
20	Selective Activation of Estrogen Receptor Activation Function-1 Is Sufficient to Prevent Obesity, Steatosis, and Insulin Resistance in Mouse. <i>American Journal of Pathology</i> , 2017 , 187, 1273-1287	5.8	28
19	Membrane and Nuclear Estrogen Receptor Alpha Actions: From Tissue Specificity to Medical Implications. <i>Physiological Reviews</i> , 2017 , 97, 1045-1087	47.9	183
18	Effect of chronic estradiol plus progesterone treatment on experimental arterial and venous thrombosis in mouse. <i>PLoS ONE</i> , 2017 , 12, e0177043	3.7	9
17	Estetrol, a Fetal Selective Estrogen Receptor Modulator, Acts on the Vagina of Mice through Nuclear Estrogen Receptor Activation. <i>American Journal of Pathology</i> , 2017 , 187, 2499-2507	5.8	16
16	Role of ER β in the Effect of Estradiol on Cancellous and Cortical Femoral Bone in Growing Female Mice. <i>Endocrinology</i> , 2016 , 157, 2533-44	4.8	17
15	The AF-1-deficient estrogen receptor ER β 6 isoform is frequently expressed in human breast tumors. <i>Breast Cancer Research</i> , 2016 , 18, 123	8.3	36
14	Changes in Gene Expression and Estrogen Receptor Cistrome in Mouse Liver Upon Acute E2 Treatment. <i>Molecular Endocrinology</i> , 2016 , 30, 709-32		19
13	Versatile multicharacterization platform involving tailored superhydrophobic SU-8 micropillars for the investigation of breast cancer estrogen receptor isoforms. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2016 , 34, 06K201	1.3	3
12	Protective Hematopoietic Effect of Estrogens in a Mouse Model of Thrombosis: Respective Roles of Nuclear Versus Membrane Estrogen Receptor. <i>Endocrinology</i> , 2015 , 156, 4293-301	4.8	7
11	The Activation Function-1 of Estrogen Receptor Alpha Prevents Arterial Neointima Development Through a Direct Effect on Smooth Muscle Cells. <i>Circulation Research</i> , 2015 , 117, 770-8	15.7	35
10	Mutation of the palmitoylation site of estrogen receptor in vivo reveals tissue-specific roles for membrane versus nuclear actions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E283-90	11.5	179
9	The uterine and vascular actions of estetrol delineate a distinctive profile of estrogen receptor modulation, uncoupling nuclear and membrane activation. <i>EMBO Molecular Medicine</i> , 2014 , 6, 1328-46	12	59

8	Lessons from the dissection of the activation functions (AF-1 and AF-2) of the estrogen receptor alpha in vivo. <i>Steroids</i> , 2013 , 78, 576-82	2.8	36
7	Tamoxifen elicits atheroprotection through estrogen receptor AF-1 but does not accelerate reendothelialization. <i>American Journal of Pathology</i> , 2013 , 183, 304-12	5.8	20
6	The AF-1 activation function of estrogen receptor is necessary and sufficient for uterine epithelial cell proliferation in vivo. <i>Endocrinology</i> , 2013 , 154, 2222-33	4.8	52
5	Activation function 2 (AF2) of estrogen receptor-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, 13311-6	11.5	96
4	Estrogen receptors and endothelium. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010 , 30, 1506-14	12.4	143
3	Endothelial estrogen receptor-alpha plays a crucial role in the atheroprotective action of 17beta-estradiol in low-density lipoprotein receptor-deficient mice. <i>Circulation</i> , 2009 , 120, 2567-76	16.7	76
2	Estrogen receptor alpha expression in both endothelium and hematopoietic cells is required for the accelerative effect of estradiol on reendothelialization. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 1543-50	9.4	41
1	The transactivating function 1 of estrogen receptor alpha is dispensable for the vasculoprotective actions of 17beta-estradiol. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 2053-8	11.5	99