E CairrÃ£o

List of Publications by Year
in descending order

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56 papers	1,504 citations	304743 22 h-index	330143 37 g-index
56 all docs	56 docs citations	56 times ranked	1921 citing authors

#	Article	IF	Citations
1	The effects of phthalates in the cardiovascular and reproductive systems: A review. Environment International, 2016, 94, 758-776.	10.0	224
2	Cyclic nucleotide-dependent relaxation pathways in vascular smooth muscle. Cellular and Molecular Life Sciences, 2012, 69, 247-266.	5.4	162
3	Health toxicity effects of brominated flame retardants: From environmental to human exposure. Environmental Pollution, 2021, 285, 117475.	7.5	90
4	Potassium channels are involved in testosterone-induced vasorelaxation of human umbilical artery. Naunyn-Schmiedeberg's Archives of Pharmacology, 2008, 376, 375-383.	3.0	59
5	Pre-Eclampsia and Eclampsia: An Update on the Pharmacological Treatment Applied in Portugal. Journal of Cardiovascular Development and Disease, 2018, 5, 3.	1.6	45
6	Glutathione-S-transferase activity of Fucus spp. as a biomarker of environmental contamination. Aquatic Toxicology, 2004, 70, 277-286.	4.0	44
7	Photoprotection of ultraviolet-B filters: Updated review of endocrine disrupting properties. Steroids, 2018, 131, 46-58.	1.8	42
8	PDE4 and PDE5 regulate cyclic nucleotides relaxing effects in human umbilical arteries. European Journal of Pharmacology, 2008, 582, 102-109.	3.5	41
9	Variability of MMP/TIMP and TGF-Î²1 Receptors throughout the Clinical Progression of Chronic Venous Disease. International Journal of Molecular Sciences, 2018, 19, 6.	4.1	41
10	Vascular mechanisms of testosterone: The non-genomic point of view. Journal of Steroid Biochemistry and Molecular Biology, 2020, 196, 105496.	2.5	39
11	Phthalates Implications in the Cardiovascular System. Journal of Cardiovascular Development and Disease, 2020, 7, 26.	1.6	37
12	Non-genomic vasorelaxant effects of 17Î²-estradiol and progesterone in rat aorta are mediated by L-type Ca2+ current inhibition. Acta Pharmacologica Sinica, 2012, 33, 615-624.	6.1	35
13	Isolation and culture of human umbilical artery smooth muscle cells expressing functional calcium channels. In Vitro Cellular and Developmental Biology - Animal, 2009, 45, 175-184.	1.5	32
14	PKG is involved in testosterone-induced vasorelaxation of human umbilical artery. European Journal of Pharmacology, 2010, 640, 94-101.	3.5	31
15	How is the human umbilical artery regulated?. Journal of Obstetrics and Gynaecology Research, 2018, 44, 1193-1201.	1.3	31
16	Update about the disruptingâ€effects of phthalates on the human reproductive system. Molecular Reproduction and Development, 2021, 88, 650-672.	2.0	31
17	Inhibition of L-type calcium channels by Bisphenol A in rat aorta smooth muscle. Journal of Toxicological Sciences, 2018, 43, 579-586.	1.5	30
18	Fucus spp. as a Mercury Contamination Bioindicator in Costal Areas (Northwestern Portugal). Bulletin of Environmental Contamination and Toxicology, 2007, 79, 388-395.	2.7	29

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19	Regulation of Human Umbilical Artery Contractility By Different Serotonin and Histamine Receptors. Reproductive Sciences, 2009, 16, 1175-1185.	2.5	29
20	Triiodothyronine modulates neuronal plasticity mechanisms to enhance functional outcome after stroke. Acta Neuropathologica Communications, 2019, 7, 216.	5.2	28
21	Longâ€•and shortâ€term effects of androgens in human umbilical artery smooth muscle. Clinical and Experimental Pharmacology and Physiology, 2013, 40, 181-189.	1.9	27
22	Antioxidants as stabilizers of UV filters: an example for the UV-B filter octylmethoxycinnamate. Biomedical Dermatology, 2019, 3, .	7.7	24
23	Clinical Importance of the Human Umbilical Artery Potassium Channels. Cells, 2020, 9, 1956.	4.1	23
24	Endocrine-Disrupting Effects of Bisphenol A on the Cardiovascular System: A Review. Journal of Xenobiotics, 2022, 12, 181-213.	6.7	23
25	Vascular Pathways of Testosterone: Clinical Implications. Journal of Cardiovascular Translational Research, 2020, 13, 55-72.	2.4	22
26	Fetoplacental vasculature as a model to study human cardiovascular endocrine disruption. Molecular Aspects of Medicine, 2022, 87, 101054.	6.4	22
27	Cardiovascular Response of Rat Aorta to Di-(2-ethylhexyl) Phthalate (DEHP) Exposure. Cardiovascular Toxicology, 2018, 18, 356-364.	2.7	21
28	Testosterone and Cholesterol Vasodilation of Rat Aorta Involves L-Type Calcium Channel Inhibition. Advances in Pharmacological Sciences, 2010, 2010, 1-10.	3.7	19
29	Cyclic guanosine monophosphate compartmentation in human vascular smooth muscle cells. Cellular Signalling, 2016, 28, 109-116.	3.6	18
30	Targeting of Mitochondria-Endoplasmic Reticulum by Fluorescent Macrocyclic Compounds. PLoS ONE, 2011, 6, e27078.	2.5	15
31	Effect of TGF-beta1 on MMP/TIMP and TGF-beta1 receptors in great saphenous veins and its significance on chronic venous insufficiency. Phlebology, 2017, 32, 334-341.	1.2	14
32	Study of the mechanisms regulating human umbilical artery contractility. Health, 2010, 02, 321-331.	0.3	13
33	5Î±-Dihydrotestosterone regulates the expression of L-type calcium channels and calcium-binding protein regucalcin in human breast cancer cells with suppression of cell growth. Medical Oncology, 2015, 32, 228.	2.5	13
34	Tributyltin role on the serotonin and histamine receptors in human umbilical artery. Toxicology in Vitro, 2018, 50, 210-216.	2.4	13
35	UV-B filter octylmethoxycinnamate impaired the main vasorelaxant mechanism of human umbilical artery. Chemosphere, 2021, 277, 130302.	8.2	13
36	UV-B Filter Octylmethoxycinnamate Induces Vasorelaxation by Ca2+ Channel Inhibition and Guanylyl Cyclase Activation in Human Umbilical Arteries. International Journal of Molecular Sciences, 2019, 20, 1376.	4.1	12

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37	The Neurovascular Unit: Focus on the Regulation of Arterial Smooth Muscle Cells. Current Neurovascular Research, 2020, 16, 502-515.	1.1	12
38	Implications of Endothelial Cell-Mediated Dysfunctions in Vasomotor Tone Regulation. Biologics, 2021, 1, 231-251.	4.1	11
39	Testosterone and Atrial Natriuretic Peptide Share the Same Pathway to Induce Vasorelaxation of Human Umbilical Artery. Journal of Cardiovascular Pharmacology, 2014, 63, 461-465.	1.9	10
40	Mifepristone is a Vasodilator Due to the Inhibition of Smooth Muscle Cells L-Type Ca2+ Channels. Reproductive Sciences, 2016, 23, 723-730.	2.5	10
41	Genomic and Nongenomic Effects of Mifepristone at the Cardiovascular Level: A Review. Reproductive Sciences, 2017, 24, 976-988.	2.5	10
42	Effect of retinoic acid on the neurovascular unit: A review. Brain Research Bulletin, 2022, 184, 34-45.	3.0	9
43	PDE-Mediated Cyclic Nucleotide Compartmentation in Vascular Smooth Muscle Cells: From Basic to a Clinical Perspective. Journal of Cardiovascular Development and Disease, 2022, 9, 4.	1.6	9
44	Polyazamacrocycles as Potential Antitumor Agents for Human Prostate Cancer Cells. Chemical Biology and Drug Design, 2013, 81, 517-526.	3.2	8
45	UV-B Filter Octylmethoxycinnamate Alters the Vascular Contractility Patterns in Pregnant Women with Hypothyroidism. Biomedicines, 2021, 9, 115.	3.2	7
46	Characterization of culture from smooth muscle cells isolated from rat middle cerebral arteries. Tissue and Cell, 2020, 66, 101400.	2.2	6
47	In Vitro Model for Ischemic Stroke: Functional Analysis of Vascular Smooth Muscle Cells. Cellular and Molecular Neurobiology, 2022, 42, 2289-2304.	3.3	6
48	Pathways involved in the human vascular Tetrabromobisphenol A response: Calcium and potassium channels and nitric oxide donors. Toxicology, 2022, 470, 153158.	4.2	4
49	Tributyltin Affects Rat Vascular Contractility Through L-Type Calcium Channels. International Journal of Environmental Research, 2018, 12, 215-221.	2.3	3
50	Protein Interaction Network for Identifying Vascular Response of Metformin (Oral Antidiabetic). BioMedInformatics, 2022, 2, 217-233.	2.0	3
51	17-beta-Estradiol and Progesterone Inhibit L-Type Ca2+ Current of Rat Aorta Smooth Muscle Cells. Portugaliae Electrochimica Acta, 2006, 24, 241-255.	1.1	2
52	UV-B Filter Octylmethoxycinnamate Is a Modulator of the Serotonin and Histamine Receptors in Human Umbilical Arteries. Biomedicines, 2022, 10, 1054.	3.2	2
53	P326Regulation by androgens of umbilical artery tone of normotensive and hypertensive pregnant women. Cardiovascular Research, 2014, 103, S59.2-S59.	3.8	0
54	P382Cyclic guanosine monophosphate compartmentation in vascular smooth muscle cells. Cardiovascular Research, 2014, 103, S70.2-S70.	3.8	0

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55	P112Calcium channels influence of mifipristone vasorelaxation on vascular smooth muscle cells. Cardiovascular Research, 2014, 103, S19.3-S19.	3.8	0
56	Regulation mechanisms of endocrine disruptors on vasodilation and vasoconstriction: Insights from ex vivo models. Biocell, 2022, 46, 1383-1389.	0.7	0