

Bruno Fonseca

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

1,401
citations

279798

23
h-index

361022

35
g-index

65
all docs

65
docs citations

65
times ranked

1293
citing authors

#	ARTICLE	IF	CITATIONS
1	Endogenous cannabinoids revisited: A biochemistry perspective. Prostaglandins and Other Lipid Mediators, 2013, 102-103, 13-30.	1.9	124
2	Cannabinoid-induced cell death in endometrial cancer cells: involvement of TRPV1 receptors in apoptosis. Journal of Physiology and Biochemistry, 2018, 74, 261-272.	3.0	86
3	The rat as an animal model for fetoplacental development: a reappraisal of the post-implantation period. Reproductive Biology, 2012, 12, 97-118.	1.9	61
4	The fundamental role of the endocannabinoid system in endometrium and placenta: implications in pathophysiological aspects of uterine and pregnancy disorders. Human Reproduction Update, 2020, 26, 586-602.	10.8	55
5	The endocannabinoid anandamide induces apoptosis of rat decidual cells through a mechanism involving ceramide synthesis and p38 MAPK activation. Apoptosis: an International Journal on Programmed Cell Death, 2013, 18, 1526-1535.	4.9	48
6	The endocannabinoid anandamide induces apoptosis in cytotrophoblast cells: Involvement of both mitochondrial and death receptor pathways. Placenta, 2015, 36, 69-76.	1.5	48
7	2-Arachidonoylglycerol effects in cytotrophoblasts: metabolic enzymes expression and apoptosis in BeWo cells. Reproduction, 2014, 147, 301-311.	2.6	44
8	Effects of cannabis tetrahydrocannabinol on endocannabinoid homeostasis in human placenta. Archives of Toxicology, 2019, 93, 649-658.	4.2	44
9	Spatio-temporal expression patterns of anandamide-binding receptors in rat implantation sites: evidence for a role of the endocannabinoid system during the period of placental development. Reproductive Biology and Endocrinology, 2009, 7, 121.	3.3	41
10	The Endocannabinoid System in the Postimplantation Period: A Role during Decidualization and Placentation. International Journal of Endocrinology, 2013, 2013, 1-11.	1.5	41
11	N-Acylethanolamine Levels and Expression of Their Metabolizing Enzymes during Pregnancy. Endocrinology, 2010, 151, 3965-3974.	2.8	40
12	The endocannabinoid 2-arachidonoylglycerol (2-AG) and metabolizing enzymes during rat fetoplacental development: A role in uterine remodelling. International Journal of Biochemistry and Cell Biology, 2010, 42, 1884-1892.	2.8	39
13	Cannabinoid-induced autophagy: Protective or death role?. Prostaglandins and Other Lipid Mediators, 2016, 122, 54-63.	1.9	36
14	Anandamide-Induced Cell Death: Dual Effects in Primary Rat Decidual Cell Cultures. Placenta, 2009, 30, 686-692.	1.5	35
15	The endocannabinoid system expression in the female reproductive tract is modulated by estrogen. Journal of Steroid Biochemistry and Molecular Biology, 2017, 174, 40-47.	2.5	35
16	The psychoactive compound of Cannabis sativa, Δ^9 -tetrahydrocannabinol (THC) inhibits the human trophoblast cell turnover. Toxicology, 2015, 334, 94-103.	4.2	34
17	The endocannabinoid anandamide impairs in vitro decidualization of human cells. Reproduction, 2016, 152, 351-361.	2.6	32
18	2-Arachidonoylglycerol impairs human cytotrophoblast cells syncytialization: Influence of endocannabinoid signalling in placental development. Molecular and Cellular Endocrinology, 2015, 399, 386-394.	3.2	31

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19	Decidual NK cell-derived conditioned medium from miscarriages affects endometrial stromal cell decidualisation: endocannabinoid anandamide and tumour necrosis factor- α crosstalk. Human Reproduction, 2020, 35, 265-274.	0.9	28
20	Characterisation of the endocannabinoid system in rat haemochorial placenta. Reproductive Toxicology, 2012, 34, 347-356.	2.9	27
21	Transient receptor potential vanilloid 1 is expressed in human cytotrophoblasts: Induction of cell apoptosis and impairment of syncytialization. International Journal of Biochemistry and Cell Biology, 2014, 57, 177-185.	2.8	27
22	Synthetic cannabinoids JWH-018, JWH-122, UR-144 and the phytocannabinoid THC activate apoptosis in placental cells. Toxicology Letters, 2020, 319, 129-137.	0.8	25
23	Modulation of the novel cannabinoid receptor - GPR55 - during rat fetoplacental development. Placenta, 2011, 32, 462-469.	1.5	23
24	Cannabinoids as Modulators of Cell Death: Clinical Applications and Future Directions. Reviews of Physiology, Biochemistry and Pharmacology, 2017, 173, 63-88.	1.6	22
25	Anandamide restricts uterine stromal differentiation and is critical for complete decidualization. Molecular and Cellular Endocrinology, 2015, 411, 167-176.	3.2	21
26	Cannabidiol (CBD) but not tetrahydrocannabinol (THC) dysregulate in vitro decidualization of human endometrial stromal cells by disruption of estrogen signaling. Reproductive Toxicology, 2020, 93, 75-82.	2.9	21
27	Cannabis and Cannabinoids in Reproduction and Fertility: Where We Stand. Reproductive Sciences, 2022, 29, 2429-2439.	2.5	21
28	Low Doses of Resveratrol Protect Human Granulosa Cells from Induced-Oxidative Stress. Antioxidants, 2021, 10, 561.	5.1	19
29	Anandamide oxidative metabolism-induced endoplasmic reticulum stress and apoptosis. Apoptosis: an International Journal on Programmed Cell Death, 2017, 22, 816-826.	4.9	18
30	Anandamide and decidual remodelling: COX-2 oxidative metabolism as a key regulator. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2015, 1851, 1473-1481.	2.4	17
31	The Cannabinoid Delta-9-tetrahydrocannabinol Disrupts Estrogen Signaling in Human Placenta. Toxicological Sciences, 2020, 177, 420-430.	3.1	17
32	The synthetic cannabinoid WIN-55,212 induced-apoptosis in cytotrophoblasts cells by a mechanism dependent on CB1 receptor. Toxicology, 2017, 385, 67-73.	4.2	16
33	Anandamide interferes with human endometrial stromal-derived cell differentiation: An effect dependent on inhibition of cyclooxygenase-2 expression and prostaglandin E_2 release. BioFactors, 2016, 42, 277-286.	5.4	15
34	Estrogen receptors α and β have different roles in the induction and trafficking of progesterone receptors in hypothalamic ventromedial neurons. FEBS Journal, 2015, 282, 1126-1136.	4.7	14
35	The endocannabinoid 2-arachidonoylglycerol dysregulates the synthesis of proteins by the human syncytiotrophoblast. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2016, 1861, 205-212.	2.4	14
36	Impact of tetrahydrocannabinol on the endocannabinoid 2-arachidonoylglycerol metabolism: ABHD6 and ABHD12 as novel players in human placenta. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2020, 1865, 158807.	2.4	14

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37	Rat spontaneous foetal resorption: altered $\hat{I}\pm 2$ -macroglobulin levels and uNK cell number. <i>Histochemistry and Cell Biology</i> , 2014, 142, 693-701.	1.7	13
38	Dynamics of progesterone and estrogen receptor alpha in the ventromedial hypothalamus. <i>Journal of Endocrinology</i> , 2017, 233, 197-207.	2.6	13
39	Anandamide targets aromatase: A breakthrough on human decidualization. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 158512.	2.4	13
40	The endocannabinoid anandamide affects the synthesis of human syncytiotrophoblast-related proteins. <i>Cell and Tissue Research</i> , 2015, 362, 441-446.	2.9	12
41	The endocannabinoid 2-arachidonoylglycerol promotes endoplasmic reticulum stress in placental cells. <i>Reproduction</i> , 2020, 160, 171-180.	2.6	12
42	Activity of anandamide (AEA) metabolic enzymes in rat placental bed. <i>Reproductive Toxicology</i> , 2014, 49, 74-77.	2.9	11
43	Antioxidant Effects of Chalcones during the Inflammatory Response: An Overall Review. <i>Current Medicinal Chemistry</i> , 2021, 28, 7658-7713.	2.4	9
44	Gut Microbiome Composition and Metabolic Status Are Differently Affected by Early Exposure to Unhealthy Diets in a Rat Model. <i>Nutrients</i> , 2021, 13, 3236.	4.1	9
45	Dissimilar effects of curcumin on human granulosa cells: Beyond its anti-oxidative role. <i>Reproductive Toxicology</i> , 2020, 95, 51-58.	2.9	9
46	Synthetic cannabinoids and endometrial stromal cell fate: Dissimilar effects of JWH-122, UR-144 and WIN55,212-2. <i>Toxicology</i> , 2019, 413, 40-47.	4.2	8
47	Induction and subcellular redistribution of progesterone receptor A and B by tamoxifen in the hypothalamic ventromedial neurons of young adult female Wistar rats. <i>Molecular and Cellular Endocrinology</i> , 2016, 420, 1-10.	3.2	7
48	Concentrations of the endocannabinoid N-arachidonylethanolamine in the follicular fluid of women with endometriosis: the role of M1 polarised macrophages. <i>Reproduction, Fertility and Development</i> , 2021, 33, 270.	0.4	7
49	Uterine histopathological changes induced by acute administration of tamoxifen and its modulation by sex steroid hormones. <i>Toxicology and Applied Pharmacology</i> , 2019, 363, 88-97.	2.8	6
50	<i>Toxoplasma gondii</i> infection reduces serum progesterone levels and adverse effects at the maternal-fetal interface. <i>Parasite Immunology</i> , 2020, 42, e12690.	1.5	6
51	The endocannabinoids anandamide and 2-arachidonoylglycerol modulate the expression of angiogenic factors on HTR8/SVneo placental cells. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2022, 180, 102440.	2.2	6
52	Lipidomic approach towards deciphering anandamide effects in rat decidual cell. <i>Journal of Cellular Physiology</i> , 2015, 230, 1549-1557.	4.1	5
53	Effects of tamoxifen on neuronal morphology, connectivity and biochemistry of hypothalamic ventromedial neurons: Impact on the modulators of sexual behavior. <i>Neurobiology of Disease</i> , 2018, 109, 33-43.	4.4	5
54	The major endocannabinoid anandamide (AEA) induces apoptosis of human granulosa cells. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2021, 171, 102311.	2.2	5

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55	Bovine Colostrum Supplementation Improves Bone Metabolism in an Osteoporosis-Induced Animal Model. <i>Nutrients</i> , 2021, 13, 2981.	4.1	4
56	Early unhealthy eating habits underlie morpho-functional changes in the liver and adipose tissue in male rats. <i>Histochemistry and Cell Biology</i> , 2022, , 1.	1.7	3
57	In Vitro Effects of Mitochondria-Targeted Antioxidants in a Small-Cell Carcinoma of the Ovary of Hypercalcemic Type and in Type 1 and Type 2 Endometrial Cancer. <i>Biomedicines</i> , 2022, 10, 800.	3.2	2
58	Endocannabinoids induce placental trophoblast reticulum stress. <i>Porto Biomedical Journal</i> , 2017, 2, 218-219.	1.0	1
59	SESSION 62: FEMALE REPRODUCTION TRACT (DYS)FUNCTION. <i>Human Reproduction</i> , 2012, 27, ii93-ii95.	0.9	1
60	Unveiling the impact of δ^9 -tetrahydrocannabinol (THC) on the endocrine function of human placenta: effects on estradiol production. <i>Placenta</i> , 2017, 57, 256-257.	1.5	0