

Andrea Leiva

List of Publications by Year in descending order

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43
papers

1,076
citations

361413

20
h-index

434195

31
g-index

43
all docs

43
docs citations

43
times ranked

1310
citing authors

#	ARTICLE	IF	CITATIONS
1	Cross Talk between Adipose Tissue and Placenta in Obese and Gestational Diabetes Mellitus Pregnancies via Exosomes. <i>Frontiers in Endocrinology</i> , 2017, 8, 239.	3.5	78
2	Mechanisms regulating hepatic SR-BI expression and their impact on HDL metabolism. <i>Atherosclerosis</i> , 2011, 217, 299-307.	0.8	60
3	Maternal Hypercholesterolemia in Pregnancy Associates With Umbilical Vein Endothelial Dysfunction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 2444-2453.	2.4	60
4	Fetoplacental Vascular Endothelial Dysfunction as an Early Phenomenon in the Programming of Human Adult Diseases in Subjects Born from Gestational Diabetes Mellitus or Obesity in Pregnancy. <i>Experimental Diabetes Research</i> , 2011, 2011, 1-18.	3.8	51
5	Human umbilical vein endothelium-derived exosomes play a role in foetoplacental endothelial dysfunction in gestational diabetes mellitus. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 499-508.	3.8	51
6	Insulin/adenosine axis linked signalling. <i>Molecular Aspects of Medicine</i> , 2017, 55, 45-61.	6.4	50
7	Insulin Reverses D-Glucose-Induced Increased Nitric Oxide and Reactive Oxygen Species Generation in Human Umbilical Vein Endothelial Cells. <i>PLoS ONE</i> , 2015, 10, e0122398.	2.5	48
8	Insulin requires normal expression and signaling of insulin receptor A to reverse gestational diabetes-induced reduced adenosine transport in human umbilical vein endothelium. <i>FASEB Journal</i> , 2015, 29, 37-49.	0.5	43
9	Insulin Is a Key Modulator of Fetoplacental Endothelium Metabolic Disturbances in Gestational Diabetes Mellitus. <i>Frontiers in Physiology</i> , 2016, 7, 119.	2.8	42
10	Adenosine and preeclampsia. <i>Molecular Aspects of Medicine</i> , 2017, 55, 126-139.	6.4	42
11	Akt/mTOR Role in Human Foetoplacental Vascular Insulin Resistance in Diseases of Pregnancy. <i>Journal of Diabetes Research</i> , 2017, 2017, 1-13.	2.3	40
12	Molecular implications of adenosine in obesity. <i>Molecular Aspects of Medicine</i> , 2017, 55, 90-101.	6.4	39
13	Nitric Oxide is a Central Common Metabolite in Vascular Dysfunction Associated with Diseases of Human Pregnancy. <i>Current Vascular Pharmacology</i> , 2016, 14, 237-259.	1.7	39
14	Maternal insulin therapy does not restore foetoplacental endothelial dysfunction in gestational diabetes mellitus. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 2987-2998.	3.8	35
15	Insulin requires A1 adenosine receptors expression to reverse gestational diabetes-induced L-arginine transport in human umbilical vein endothelium. <i>Purinergic Signalling</i> , 2016, 12, 175-190.	2.2	33
16	Maternal supraphysiological hypercholesterolemia associates with endothelial dysfunction of the placental microvasculature. <i>Scientific Reports</i> , 2018, 8, 7690.	3.3	33
17	Adenosine receptors: Modulators of lipid availability that are controlled by lipid levels. <i>Molecular Aspects of Medicine</i> , 2017, 55, 26-44.	6.4	31
18	Cholesterol uptake and efflux are impaired in human trophoblast cells from pregnancies with maternal supraphysiological hypercholesterolemia. <i>Scientific Reports</i> , 2020, 10, 5264.	3.3	27

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19	Sodium/proton exchanger isoform 1 regulates intracellular pH and cell proliferation in human ovarian cancer. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 81-91.	3.8	25
20	Foetoplacental epigenetic changes associated with maternal metabolic dysfunction. <i>Placenta</i> , 2018, 69, 146-152.	1.5	21
21	Maternal hypercholesterolemia during pregnancy: Potential modulation of cholesterol transport through the human placenta and lipoprotein profile in maternal and neonatal circulation. <i>Placenta</i> , 2020, 94, 26-33.	1.5	19
22	Tetrahydrobiopterin Role in human umbilical vein endothelial dysfunction in maternal supraphysiological hypercholesterolemia. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 536-544.	3.8	18
23	Escherichia coli Heat-Stable Enterotoxin Mediates Na ⁺ /H ⁺ Exchanger 4 Inhibition Involving cAMP in T84 Human Intestinal Epithelial Cells. <i>PLoS ONE</i> , 2015, 10, e0146042.	2.5	17
24	Intracellular and extracellular pH dynamics in the human placenta from diabetes mellitus. <i>Placenta</i> , 2016, 43, 47-53.	1.5	15
25	Preeclampsia associates with RECK-dependent decrease in human trophoblasts migration and invasion. <i>Placenta</i> , 2017, 59, 19-29.	1.5	15
26	Maternal Dyslipidaemia in Pregnancy with Gestational Diabetes Mellitus: Possible Impact on Foetoplacental Vascular Function and Lipoproteins in the Neonatal Circulation. <i>Current Vascular Pharmacology</i> , 2018, 17, 52-71.	1.7	15
27	Autophagy Process in Trophoblast Cells Invasion and Differentiation: Similitude and Differences With Cancer Cells. <i>Frontiers in Oncology</i> , 2021, 11, 637594.	2.8	14
28	Gestational Diabetes Mellitus Treatment Schemes Modify Maternal Plasma Cholesterol Levels Dependent to Women's Weight: Possible Impact on Feto-Placental Vascular Function. <i>Nutrients</i> , 2020, 12, 506.	4.1	11
29	Nitric oxide and pH modulation in gynaecological cancer. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 2223-2230.	3.6	10
30	Intracellular acidification increases adenosine transport in human umbilical vein endothelial cells. <i>Placenta</i> , 2017, 51, 10-17.	1.5	10
31	Is a low level of free thyroxine in the maternal circulation associated with altered endothelial function in gestational diabetes?. <i>Frontiers in Pharmacology</i> , 2014, 5, 136.	3.5	9
32	The polarized localization of lipoprotein receptors and cholesterol transporters in the syncytiotrophoblast of the placenta is reproducible in a monolayer of primary human trophoblasts. <i>Placenta</i> , 2021, 105, 50-60.	1.5	9
33	Increased Fetal Cardiovascular Disease Risk: Potential Synergy Between Gestational Diabetes Mellitus and Maternal Hypercholesterolemia. <i>Current Vascular Pharmacology</i> , 2021, 19, 601-623.	1.7	9
34	Effects of lipoproteins on endothelial cells and macrophages function and its possible implications on fetal adverse outcomes associated to maternal hypercholesterolemia during pregnancy. <i>Placenta</i> , 2021, 106, 79-87.	1.5	8
35	Human Placental Intracellular Cholesterol Transport: A Focus on Lysosomal and Mitochondrial Dysfunction and Oxidative Stress. <i>Antioxidants</i> , 2022, 11, 500.	5.1	8
36	Role for Tetrahydrobiopterin in the Fetoplacental Endothelial Dysfunction in Maternal Supraphysiological Hypercholesterolemia. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-10.	4.0	7

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37	Reduced L-Carnitine Transport in Aortic Endothelial Cells from Spontaneously Hypertensive Rats. PLoS ONE, 2014, 9, e90339.	2.5	7
38	Gugulipid causes hypercholesterolemia leading to endothelial dysfunction, increased atherosclerosis, and premature death by ischemic heart disease in male mice. PLoS ONE, 2017, 12, e0184280.	2.5	7
39	Primary Human Trophoblasts Mimic the Preeclampsia Phenotype after Acute Hypoxiaâ€“Reoxygenation Insult. Cells, 2022, 11, 1898.	4.1	6
40	Are NHE1 and inducible nitric oxide synthase involved in human ovarian cancer?. Pharmacological Research, 2016, 105, 183-185.	7.1	5
41	Aldosterone and renin concentrations were abnormally elevated in a cohort of normotensive pregnant women. Endocrine, 2022, 75, 899-906.	2.3	5
42	Epigenetic Changes as a Possible Mechanism Leading to Increased Fetal Cardiovascular Disease Risk in Pregnancies with Gestational Diabetes Mellitus and/or Maternal Hypercholesterolemia. Current Vascular Pharmacology, 2022, 20, 381-381.	1.7	2
43	Increased Circulating Levels of PCSK9 and Pro-Atherogenic Lipoprotein Profile in Pregnant Women with Maternal Supraphysiological Hypercholesterolemia. Antioxidants, 2022, 11, 869.	5.1	2