Paola Casanello

List of Publications by Year
in descending order

82	2,535	159525 30	214721 47
papers	citations	h-index	g-index

97	97	97	2857
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Prevalence of filaggrin lossâ€ofâ€function variants in Chilean population with and without atopic dermatitis. International Journal of Dermatology, 2022, 61, 310-315.	0.5	8
2	Exposome and foetoplacental vascular dysfunction in gestational diabetes mellitus. Molecular Aspects of Medicine, 2022, 87, 101019.	2.7	10
3	Interactions between a polygenic risk score for plasma docosahexaenoic fatty acid concentration, eating behaviour, and body composition in children. International Journal of Obesity, 2022, , .	1.6	0
4	The effects of a combined intervention (docosahexaenoic acid supplementation and home-based) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 American Journal of Obstetrics and Gynecology, 2021, 224, 526.e1-526.e25.	0.7	5
5	Maternal Obesity Is Associated With Higher Cord Blood Adipokines in Offspring Most Notably in Females. Journal of Pediatric Gastroenterology and Nutrition, 2021, 73, 264-270.	0.9	9
6	Gestational diabesity and foetoplacental vascular dysfunction. Acta Physiologica, 2021, 232, e13671.	1.8	25
7	The asthma predictive index as a surrogate diagnostic tool in preschoolers: Analysis of a longitudinal birth cohort. Pediatric Pulmonology, 2021, 56, 3183-3188.	1.0	7
8	Folates transport in placentas. , 2020, , 345-365.		1
9	Adipokines underlie the early origins of obesity and associated metabolic comorbidities in the offspring of women with pregestational obesity. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165558.	1.8	18
10	Leptin in Cord Blood Associates with Asthma Risk at Age 3 in the Offspring of Women with Gestational Obesity. Annals of the American Thoracic Society, 2020, 17, 1583-1589.	1.5	23
11	Role of ROS/RNS in Preeclampsia: Are Connexins the Missing Piece?. International Journal of Molecular Sciences, 2020, 21, 4698.	1.8	10
12	Effectiveness of a normative nutrition intervention in Chilean pregnant women on maternal and neonatal outcomes: the CHiMINCs study. American Journal of Clinical Nutrition, 2020, 112, 991-1001.	2.2	10
13	Maternal obesity is associated with a sex-specific epigenetic programming in human neonatal monocytes. Epigenomics, 2020, 12, 1999-2018.	1.0	4
14	Evaluation of the Stability of Fatty Acids in Erythrocytes from Human Umbilical Cord. Lipids, 2020, 55, 53-62.	0.7	0
15	Early origins of allergy and asthma (ARIES): study protocol for a prospective prenatal birth cohort in Chile. BMC Pediatrics, 2020, 20, 164.	0.7	7
16	In placenta of women with pregestational obesity, DHA supplementation generates an imbalance in the expression of pro and anti-inflammatory genes. Placenta, 2019, 83, e24-e25.	0.7	0
17	DHA supplementation in women with pregestational obesity does not affect the offspringÂ´s adiposity neither at birth nor at 4 months of age.. Placenta, 2019, 83, e75.	0.7	0
18	Human umbilical artery endothelial cells from Largeâ€forâ€Gestationalâ€Age newborn have increased antioxidant efficiency and gene expression. Journal of Cellular Physiology, 2019, 234, 18571-18586.	2.0	1

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19	LGAâ€newborn from patients with pregestational obesity present reduced adiponectinâ€mediated vascular relaxation and endothelial dysfunction in fetoplacental arteries. Journal of Cellular Physiology, 2018, 233, 6723-6733.	2.0	11
20	Effectiveness on maternal and offspring metabolic control of a home-based dietary counseling intervention and DHA supplementation in obese/overweight pregnant women (MIGHT study): A randomized controlled trialâ€"Study protocol. Contemporary Clinical Trials, 2018, 70, 35-40.	0.8	8
21	Chronic Intermittent Hypoxia-Induced Vascular Dysfunction in Rats is Reverted by N-Acetylcysteine Supplementation and Arginase Inhibition. Frontiers in Physiology, 2018, 9, 901.	1.3	18
22	ILâ€10 expression in macrophages from neonates born from obese mothers is suppressed by ILâ€4 and LPS/INFÎ³. Journal of Cellular Physiology, 2017, 232, 3693-3701.	2.0	22
23	Nâ€Acetylcysteine, a glutathione precursor, reverts vascular dysfunction and endothelial epigenetic programming in intrauterine growth restricted guinea pigs. Journal of Physiology, 2017, 595, 1077-1092.	1.3	39
24	Expression of teneurins is associated with tumor differentiation and patient survival in ovarian cancer. PLoS ONE, 2017, 12, e0177244.	1.1	30
25	Markers of early endothelial dysfunction in intrauterine growth restriction-derived human umbilical vein endothelial cells revealed by 2D-DIGE and mass spectrometry analyses. Placenta, 2016, 41, 14-26.	0.7	18
26	Pre-gestational overweight in guinea pig sows induces fetal vascular dysfunction and increased rate of large and small fetuses. Journal of Developmental Origins of Health and Disease, 2016, 7, 237-243.	0.7	6
27	Assessment of in vivo fetal growth and placental vascular function in a novel intrauterine growth restriction model of progressive uterine artery occlusion in guinea pigs. Journal of Physiology, 2016, 594, 1553-1561.	1.3	30
28	Arginase-2 is cooperatively up-regulated by nitric oxide and histone deacetylase inhibition in human umbilical artery endothelial cells. Biochemical Pharmacology, 2016, 99, 53-59.	2.0	15
29	Antioxidant treatment with N-acetyl cysteine reduced the hypertension induced by intermittent hypoxia in a rat model of obstructive sleep apnoea. Autonomic Neuroscience: Basic and Clinical, 2015, 192, 67.	1.4	0
30	Oxidative stress as common trait of endothelial dysfunction in chorionic arteries from fetuses with IUGR and LGA. Placenta, 2015, 36, 552-558.	0.7	41
31	Adiponectin receptor 1 expression in human umbilical artery endothelial cells (HUAEC) from large fetuses (LGA) of obese women is related to eNOS activation. Placenta, 2015, 36, 493.	0.7	0
32	Arginaseâ€"endothelial nitric oxide synthase imbalance contributes to endothelial dysfunction during chronic intermittent hypoxia. Journal of Hypertension, 2015, 33, 515-524.	0.3	25
33	Effectiveness of a normative nutrition intervention (diet, physical activity and breastfeeding) on maternal nutrition and offspring growth: the Chilean maternal and infant nutrition cohort study (CHiMINCs). BMC Pregnancy and Childbirth, 2015, 15, 175.	0.9	13
34	Micro-RNAs Let7e and 126 in Plasma as Markers of Metabolic Dysfunction in 10 to 12 Years Old Children. PLoS ONE, 2015, 10, e0128140.	1.1	30
35	The placental pursuit for an adequate oxidant balance between the mother and the fetus. Frontiers in Pharmacology, 2014, 5, 149.	1.6	72
36	Foetal and umbilical vascular reactivity in a model of IUGR through gradual uterine artery occlusion in guinea pigs. Placenta, 2014, 35, A43-A44.	0.7	0

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37	Role of oxidative stress status on the impaired eNOS-dependent relaxation in placental chorionic arteries of intrauterine growth restricted (IUGR) and macrosomic fetuses from obese mothers (FMOM). Placenta, 2014, 35, A34.	0.7	0
38	Longâ€Term Impact of Early Life Events on Physiology and Behaviour. Journal of Neuroendocrinology, 2014, 26, 587-602.	1.2	57
39	Histone deacetylase activity and nitric oxide control the expression of eNOS and arginase-2 in human umbilical artery endothelium in intrauterine growth restriction. Placenta, 2014, 35, A37.	0.7	0
40	Endothelial heterogeneity in the umbilico-placental unit: DNA methylation as an innuendo of epigenetic diversity. Frontiers in Pharmacology, 2014, 5, 49.	1.6	21
41	Intervention Strategies for Preventing Low Birthweight in Developing Countries: Importance of Considering Multiple Interactive Factors. Nestle Nutrition Institute Workshop Series, 2013, 74, 31-52.	1.5	8
42	5â€²â€ectonucleotidase mediates multipleâ€drug resistance in glioblastoma multiforme cells. Journal of Cellular Physiology, 2013, 228, 602-608.	2.0	72
43	Endothelial eNOS/arginase imbalance contributes to vascular dysfunction in IUGR umbilical and placental vessels. Placenta, 2013, 34, 20-28.	0.7	70
44	Conceptual basis for prescriptive growth standards from conception to early childhood: present and future. BJOG: an International Journal of Obstetrics and Gynaecology, 2013, 120, 3-8.	1.1	19
45	Role of DNA methyltransferase 1 on the altered eNOS expression in human umbilical endothelium from intrauterine growth restricted fetuses. Epigenetics, 2013, 8, 944-952.	1.3	64
46	Gestational Diabetes Reduces Adenosine Transport in Human Placental Microvascular Endothelium, an Effect Reversed by Insulin. PLoS ONE, 2012, 7, e40578.	1.1	62
47	Role of arginase-2 and eNOS in the differential vascular reactivity and hypoxia-induced endothelial response in umbilical arteries and veins. Placenta, 2012, 33, 360-366.	0.7	38
48	Review: Differential placental macrovascular and microvascular endothelial dysfunction in gestational diabetes. Placenta, 2011, 32, S159-S164.	0.7	100
49	Role of nitric oxide in placental vascular development and function. Placenta, 2011, 32, 797-805.	0.7	172
50	Hypoxia-reduced nitric oxide synthase activity is partially explained by higher arginase-2 activity and cellular redistribution in human umbilical vein endothelium. Placenta, 2011, 32, 932-940.	0.7	55
51	Insulinâ€stimulated <scp>L</scp>â€arginine transport requires SLC7A1 gene expression and is associated with human umbilical vein relaxation. Journal of Cellular Physiology, 2011, 226, 2916-2924.	2.0	61
52	Insulin Restores Gestational Diabetes Mellitusâ€"Reduced Adenosine Transport Involving Differential Expression of Insulin Receptor Isoforms in Human Umbilical Vein Endothelium. Diabetes, 2011, 60, 1677-1687.	0.3	101
53	Increased expression of the multidrug resistance-associated protein 1 (MRP1) in kidney glomeruli of streptozotocin-induced diabetic rats. Biological Chemistry, 2011, 392, 529-37.	1.2	17
54	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. Experimental Diabetes Research, 2011, 2011, 1-18.	3.8	51

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55	Functional Link Between Adenosine and Insulin: A Hypothesis for Fetoplacental Vascular Endothelial Dysfunction in Gestational Diabetes. Current Vascular Pharmacology, 2011, 9, 750-762.	0.8	21
56	Nitric oxide reduces SLC29A1 promoter activity and adenosine transport involving transcription factor complex hCHOPâ€“C/EBPÎ± in human umbilical vein endothelial cells from gestational diabetes. Cardiovascular Research, 2010, 86, 45-54.	1.8	49
57	Functional evidences of fetal endothelial dysfunction as a programmed phenomenon in pregnancy diseases. FASEB Journal, 2010, 24, 403.4.	0.2	0
58	Brain Natriuretic Peptide (BNP) Produced by the Human Chorioamnion May Mediate Pregnancy Myometrial Quiescence. Reproductive Sciences, 2009, 16, 32-42.	1.1	15
59	Reduced l-Arginine Transport and Nitric Oxide Synthesis in Human Umbilical Vein Endothelial Cells from Intrauterine Growth Restriction Pregnancies is Not Further Altered by Hypoxia. Placenta, 2009, 30, 625-633.	0.7	39
60	TGF-Î²1 inhibits expression and activity of hENT1 in a nitric oxide-dependent manner in human umbilical vein endothelium. Cardiovascular Research, 2009, 82, 458-467.	1.8	20
61	Equilibrative Nucleoside Transporters in Fetal Endothelial Dysfunction in Diabetes Mellitus and Hyperglycaemia. Current Vascular Pharmacology, 2009, 7, 435-449.	0.8	31
62	Epigenetics: New Concepts of Old Phenomena in Vascular Physiology. Current Vascular Pharmacology, 2009, 7, 513-520.	0.8	38
63	High <scp>D</scp>â€glucose reduces SLC29A1 promoter activity and adenosine transport involving specific protein 1 in human umbilical vein endothelium. Journal of Cellular Physiology, 2008, 215, 645-656.	2.0	27
64	Human Equilibrative Nucleoside Transporters 1 and 2 may be Differentially Modulated by A2B Adenosine Receptors in Placenta Microvascular Endothelial Cells from Pre-eclampsia. Placenta, 2008, 29, 816-825.	0.7	60
65	Dâ€Glucose increases the expression and activity of hCATâ€1 and Sp1 binding to SLC7A1 promoter in human umbilical vein endothelium. FASEB Journal, 2008, 22, 964.4.	0.2	0
66	Carbon monoxide: a novel pulmonary artery vasodilator in neonatal llamas of the Andean altiplano. Cardiovascular Research, 2007, 77, 197-201.	1.8	38
67	Equilibrative Nucleoside (ENTs) and Cationic Amino Acid (CATs) Transporters: Implications in Foetal Endothelial Dysfunction in Human Pregnancy Diseases. Current Vascular Pharmacology, 2007, 5, 69-84.	0.8	51
68	D-glucose stimulation ofL-arginine transport and nitric oxide synthesis results from activation of mitogen-activated protein kinases p42/44 and Smad2 requiring functional type II TGF-Î² receptors in human umbilical vein endothelium. Journal of Cellular Physiology, 2007, 212, 626-632.	2.0	23
69	Nitric oxide reduces transcriptional promoter activity of SLC29A1 for human equilibrative nucleoside transporter 1 in umbilical vein endothelium from gestational diabetes. Vascular Pharmacology, 2006, 45, e46.	1.0	0
70	d-glucose increased l-arginine transport and nitric oxide synthesis through an autocrine mechanism involving TGF-Î²1 and TGF-Î² receptor II (TÎ²RII) in human umbilical vein endothelium. Vascular Pharmacology, 2006, 45, e137-e138.	1.0	0
71	Nitric oxide reduces adenosine transporter ENT1 gene (SLC29A1) promoter activity in human fetal endothelium from gestational diabetes. Journal of Cellular Physiology, 2006, 208, 451-460.	2.0	48
72	Insulin restores glucose inhibition of adenosine transport by increasing the expression and activity of the equilibrative nucleoside transporter 2 in human umbilical vein endothelium. Journal of Cellular Physiology, 2006, 209, 826-835.	2.0	44

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73	Equilibrative nucleoside transporter 2 is expressed in human umbilical vein endothelium, but is not involved in the inhibition of adenosine transport induced by hyperglycaemia. Placenta, 2005, 26, 641-653.	0.7	28
74	Equilibrative Nucleoside Transporter 1 Expression Is Downregulated by Hypoxia in Human Umbilical Vein Endothelium. Circulation Research, 2005, 97, 16-24.	2.0	77
75	Role of adenosine transport in gestational diabetes-inducedl-arginine transport and nitric oxide synthesis in human umbilical vein endothelium. Journal of Physiology, 2004, 560, 111-122.	1.3	87
76	Cell signalling-mediating insulin increase of mRNA expression for cationic amino acid transporters-1 and -2 and membrane hyperpolarization in human umbilical vein endothelial cells. Pflugers Archiv European Journal of Physiology, 2004, 448, 383-94.	1.3	45
77	Hyperglycaemia Inhibits Thymidine Incorporation and Cell Growth via Protein Kinase C, Mitogen-Activated Protein Kinases and Nitric Oxide in Human Umbilical Vein Endothelium. Experimental Physiology, 2003, 88, 209-219.	0.9	30
78	Nitric Oxide Synthesis Requires Activity of the Cationic and Neutral Amino Acid Transport System y+ L in Human Umbilical vein Endothelium. Experimental Physiology, 2003, 88, 699-710.	0.9	44
79	Rapid Stimulation of l -Arginine Transport by d -Glucose Involves p42/44 mapk and Nitric Oxide in Human Umbilical Vein Endothelium. Circulation Research, 2003, 92, 64-72.	2.0	52
80	Inhibition of Nitrobenzylthioinosine-Sensitive Adenosine Transport by Elevated d -Glucose Involves Activation of P 2Y2 Purinoceptors in Human Umbilical Vein Endothelial Cells. Circulation Research, 2002, 90, 570-577.	2.0	59
81	Intrauterine Growth Retardation Is Associated With Reduced Activity and Expression of the Cationic Amino Acid Transport Systems y + /hCAT-1 and y + /hCAT-2B and Lower Activity of Nitric Oxide Synthase in Human Umbilical Vein Endothelial Cells. Circulation Research, 2002, 91, 127-134.	2.0	85
82	Epigenetic Programming of Cardiovascular Disease by Perinatal Hypoxia and Fetal Growth Restriction. , 0, , .		2