

Luis Sobrevia

List of Publications by Year in descending order

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Version: 2024-02-01

182
papers

6,829
citations

53660

45
h-index

82410

72
g-index

186
all docs

186
docs citations

186
times ranked

6904
citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of Amino Acid and Glucose Transporters in Endothelial and Smooth Muscle Cells. <i>Physiological Reviews</i> , 2003, 83, 183-252.	13.1	367
2	A Gestational Profile of Placental Exosomes in Maternal Plasma and Their Effects on Endothelial Cell Migration. <i>PLoS ONE</i> , 2014, 9, e98667.	1.1	302
3	Exosomal Signaling during Hypoxia Mediates Microvascular Endothelial Cell Migration and Vasculogenesis. <i>PLoS ONE</i> , 2013, 8, e68451.	1.1	290
4	Oxidative stress: Normal pregnancy versus preeclampsia. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165354.	1.8	173
5	Hypoxia-Induced Changes in the Bioactivity of Cytotrophoblast-Derived Exosomes. <i>PLoS ONE</i> , 2013, 8, e79636.	1.1	144
6	Extracellular vesicles in obesity and diabetes mellitus. <i>Molecular Aspects of Medicine</i> , 2018, 60, 81-91.	2.7	138
7	Activation of L-arginine transport (system y+) and nitric oxide synthase by elevated glucose and insulin in human endothelial cells.. <i>Journal of Physiology</i> , 1996, 490, 775-781.	1.3	135
8	Mice Long-Term High-Fat Diet Feeding Recapitulates Human Cardiovascular Alterations: An Animal Model to Study the Early Phases of Diabetic Cardiomyopathy. <i>PLoS ONE</i> , 2013, 8, e60931.	1.1	121
9	Early activation of the p42/p44 ^{MAPK} pathway mediates adenosine-induced nitric oxide production in human endothelial cells: a novel calcium-insensitive mechanism. <i>FASEB Journal</i> , 2002, 16, 1584-1594.	0.2	113
10	Dysfunction of the endothelial nitric oxide signalling pathway in diabetes and hyperglycaemia. <i>Experimental Physiology</i> , 1997, 82, 423-452.	0.9	110
11	Adenosine transport in cultured human umbilical vein endothelial cells is reduced in diabetes. <i>American Journal of Physiology - Cell Physiology</i> , 1994, 267, C39-C47.	2.1	103
12	Insulin Restores Gestational Diabetes Mellitus-Reduced Adenosine Transport Involving Differential Expression of Insulin Receptor Isoforms in Human Umbilical Vein Endothelium. <i>Diabetes</i> , 2011, 60, 1677-1687.	0.3	101
13	Multidrug resistance in glioblastoma stem-like cells: Role of the hypoxic microenvironment and adenosine signaling. <i>Molecular Aspects of Medicine</i> , 2017, 55, 140-151.	2.7	101
14	Review: Differential placental macrovascular and microvascular endothelial dysfunction in gestational diabetes. <i>Placenta</i> , 2011, 32, S159-S164.	0.7	100
15	Gestational diabetes and the adenosine/l-Arginine/nitric oxide (ALANO) pathway in human umbilical vein endothelium. <i>Placenta</i> , 2006, 27, 1-10.	0.7	98
16	Activation of A2-purinoceptors by adenosine stimulates L-arginine transport (system y+) and nitric oxide synthesis in human fetal endothelial cells.. <i>Journal of Physiology</i> , 1997, 499, 135-140.	1.3	96
17	Diabetes-induced activation of system y+ and nitric oxide synthase in human endothelial cells: association with membrane hyperpolarization.. <i>Journal of Physiology</i> , 1995, 489, 183-192.	1.3	93
18	Role of adenosine transport in gestational diabetes-induced l-arginine transport and nitric oxide synthesis in human umbilical vein endothelium. <i>Journal of Physiology</i> , 2004, 560, 111-122.	1.3	87

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19	Intrauterine Growth Retardation Is Associated With Reduced Activity and Expression of the Cationic Amino Acid Transport Systems $\gamma + \text{hCAT-1}$ and $\gamma + \text{hCAT-2B}$ and Lower Activity of Nitric Oxide Synthase in Human Umbilical Vein Endothelial Cells. <i>Circulation Research</i> , 2002, 91, 127-134.	2.0	85
20	Oxidative stress and mitochondrial dysfunction in early-onset and late-onset preeclampsia. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165961.	1.8	82
21	Cross Talk between Adipose Tissue and Placenta in Obese and Gestational Diabetes Mellitus Pregnancies via Exosomes. <i>Frontiers in Endocrinology</i> , 2017, 8, 239.	1.5	78
22	Equilibrative Nucleoside Transporter 1 Expression Is Downregulated by Hypoxia in Human Umbilical Vein Endothelium. <i>Circulation Research</i> , 2005, 97, 16-24.	2.0	77
23	Endoplasmic reticulum stress and development of insulin resistance in adipose, skeletal, liver, and foetoplacental tissue in diabetes. <i>Molecular Aspects of Medicine</i> , 2019, 66, 49-61.	2.7	76
24	5 α - β -Ectonucleotidase mediates multiple drug resistance in glioblastoma multiforme cells. <i>Journal of Cellular Physiology</i> , 2013, 228, 602-608.	2.0	72
25	Dexmedetomidine protects the heart against ischemia-reperfusion injury by an endothelial eNOS/NO dependent mechanism. <i>Pharmacological Research</i> , 2016, 103, 318-327.	3.1	69
26	Placental structure in gestational diabetes mellitus. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165535.	1.8	66
27	Pharmacological targeting of adenosine receptor signaling. <i>Molecular Aspects of Medicine</i> , 2017, 55, 4-8.	2.7	63
28	Foetoplacental communication via extracellular vesicles in normal pregnancy and preeclampsia. <i>Molecular Aspects of Medicine</i> , 2018, 60, 69-80.	2.7	63
29	Role of extracellular vesicles in glioma progression. <i>Molecular Aspects of Medicine</i> , 2018, 60, 38-51.	2.7	63
30	Gestational Diabetes Reduces Adenosine Transport in Human Placental Microvascular Endothelium, an Effect Reversed by Insulin. <i>PLoS ONE</i> , 2012, 7, e40578.	1.1	62
31	Insulin-stimulated L-arginine transport requires <i>SLC7A1</i> gene expression and is associated with human umbilical vein relaxation. <i>Journal of Cellular Physiology</i> , 2011, 226, 2916-2924.	2.0	61
32	Human Equilibrative Nucleoside Transporters 1 and 2 may be Differentially Modulated by A2B Adenosine Receptors in Placenta Microvascular Endothelial Cells from Pre-eclampsia. <i>Placenta</i> , 2008, 29, 816-825.	0.7	60
33	Maternal Hypercholesterolemia in Pregnancy Associates With Umbilical Vein Endothelial Dysfunction. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2444-2453.	1.1	60
34	Inhibition of Nitrobenzylthioinosine-Sensitive Adenosine Transport by Elevated d -Glucose Involves Activation of P 2Y2 Purinoceptors in Human Umbilical Vein Endothelial Cells. <i>Circulation Research</i> , 2002, 90, 570-577.	2.0	59
35	A Hypothesis for Preeclampsia: Adenosine and Inducible Nitric Oxide Synthase in Human Placental Microvascular Endothelium. <i>Placenta</i> , 2008, 29, 469-483.	0.7	59
36	Hypoxia-reduced nitric oxide synthase activity is partially explained by higher arginase-2 activity and cellular redistribution in human umbilical vein endothelium. <i>Placenta</i> , 2011, 32, 932-940.	0.7	55

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37	Rapid Stimulation of L-Arginine Transport by d-Glucose Involves p42/44 mapk and Nitric Oxide in Human Umbilical Vein Endothelium. <i>Circulation Research</i> , 2003, 92, 64-72.	2.0	52
38	Equilibrative Nucleoside (ENTs) and Cationic Amino Acid (CATs) Transporters: Implications in Foetal Endothelial Dysfunction in Human Pregnancy Diseases. <i>Current Vascular Pharmacology</i> , 2007, 5, 69-84.	0.8	51
39	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
40	Featured Article: Dexamethasone and rosiglitazone are sufficient and necessary for producing functional adipocytes from mesenchymal stem cells. <i>Experimental Biology and Medicine</i> , 2015, 240, 1235-1246.	1.1	51
41	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.	1.8	51
42	Insulin/adenosine axis linked signalling. <i>Molecular Aspects of Medicine</i> , 2017, 55, 45-61.	2.7	50
43	Nitric oxide reduces SLC29A1 promoter activity and adenosine transport involving transcription factor complex hCHOP/C/EBP β in human umbilical vein endothelial cells from gestational diabetes. <i>Cardiovascular Research</i> , 2010, 86, 45-54.	1.8	49
44	Nitric oxide reduces adenosine transporter ENT1 gene (SLC29A1) promoter activity in human fetal endothelium from gestational diabetes. <i>Journal of Cellular Physiology</i> , 2006, 208, 451-460.	2.0	48
45	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.	1.1	48
46	Programming of Fetal Insulin Resistance in Pregnancies with Maternal Obesity by ER Stress and Inflammation. <i>BioMed Research International</i> , 2014, 2014, 1-13.	0.9	46
47	Cell signalling-mediated increase of mRNA expression for cationic amino acid transporters-1 and -2 and membrane hyperpolarization in human umbilical vein endothelial cells. <i>Pflugers Archiv European Journal of Physiology</i> , 2004, 448, 383-94.	1.3	45
48	Nitric Oxide Synthesis Requires Activity of the Cationic and Neutral Amino Acid Transport System y+ L in Human Umbilical vein Endothelium. <i>Experimental Physiology</i> , 2003, 88, 699-710.	0.9	44
49	Insulin restores glucose inhibition of adenosine transport by increasing the expression and activity of the equilibrative nucleoside transporter 2 in human umbilical vein endothelium. <i>Journal of Cellular Physiology</i> , 2006, 209, 826-835.	2.0	44
50	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.	0.2	43
51	Insulin Is a Key Modulator of Fetoplacental Endothelium Metabolic Disturbances in Gestational Diabetes Mellitus. <i>Frontiers in Physiology</i> , 2016, 7, 119.	1.3	42
52	Adenosine and preeclampsia. <i>Molecular Aspects of Medicine</i> , 2017, 55, 126-139.	2.7	42
53	Regulation of adenosine transport by D-glucose in human fetal endothelial cells: involvement of nitric oxide, protein kinase C and mitogen-activated protein kinase. <i>Journal of Physiology</i> , 2000, 529, 777-790.	1.3	41
54	Insulin therapy and fetoplacental vascular function in gestational diabetes mellitus. <i>Experimental Physiology</i> , 2015, 100, 231-238.	0.9	41

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55	Is there a role for exosomes in foetoplacental endothelial dysfunction in gestational diabetes mellitus?. <i>Placenta</i> , 2018, 61, 48-54.	0.7	41
56	Insulin restores L-arginine transport requiring adenosine receptors activation in umbilical vein endothelium from late-onset preeclampsia. <i>Placenta</i> , 2015, 36, 287-296.	0.7	40
57	Akt/mTOR Role in Human Foetoplacental Vascular Insulin Resistance in Diseases of Pregnancy. <i>Journal of Diabetes Research</i> , 2017, 2017, 1-13.	1.0	40
58	Fetoplacental endothelial exosomes modulate high d -glucose-induced endothelial dysfunction. <i>Placenta</i> , 2018, 66, 26-35.	0.7	40
59	Elevated D-glucose induces insulin insensitivity in human umbilical endothelial cells isolated from gestational diabetic pregnancies. <i>Journal of Physiology</i> , 1998, 506, 219-230.	1.3	39
60	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. <i>Placenta</i> , 2009, 30, 625-633.	0.7	39
61	Adenosine mediates transforming growth factor β 1 release in kidney glomeruli of diabetic rats. <i>FEBS Letters</i> , 2009, 583, 3192-3198.	1.3	39
62	Molecular implications of adenosine in obesity. <i>Molecular Aspects of Medicine</i> , 2017, 55, 90-101.	2.7	39
63	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.	0.8	39
64	Epigenetics: New Concepts of Old Phenomena in Vascular Physiology. <i>Current Vascular Pharmacology</i> , 2009, 7, 513-520.	0.8	38
65	Insulin-Increased L-Arginine Transport Requires A2A Adenosine Receptors Activation in Human Umbilical Vein Endothelium. <i>PLoS ONE</i> , 2012, 7, e41705.	1.1	38
66	Role of arginase-2 and eNOS in the differential vascular reactivity and hypoxia-induced endothelial response in umbilical arteries and veins. <i>Placenta</i> , 2012, 33, 360-366.	0.7	38
67	Role of Insulin and Adenosine in the Human Placenta Microvascular and Macrovascular Endothelial Cell Dysfunction in Gestational Diabetes Mellitus. <i>Microcirculation</i> , 2014, 21, 26-37.	1.0	38
68	Insulin receptor isoforms: an integrated view focused on gestational diabetes mellitus. <i>Diabetes/Metabolism Research and Reviews</i> , 2016, 32, 350-365.	1.7	37
69	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.	1.8	35
70	Insulin therapy and its consequences for the mother, foetus, and newborn in gestational diabetes mellitus. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 2949-2956.	1.8	35
71	Human supraphysiological gestational weight gain and fetoplacental vascular dysfunction. <i>International Journal of Obesity</i> , 2015, 39, 1264-1273.	1.6	34
72	Adenosine contribution to normal renal physiology and chronic kidney disease. <i>Molecular Aspects of Medicine</i> , 2017, 55, 75-89.	2.7	34

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73	Insulin requires A1 adenosine receptors expression to reverse gestational diabetes-increased L-arginine transport in human umbilical vein endothelium. <i>Purinergic Signalling</i> , 2016, 12, 175-190.	1.1	33
74	Maternal supraphysiological hypercholesterolemia associates with endothelial dysfunction of the placental microvasculature. <i>Scientific Reports</i> , 2018, 8, 7690.	1.6	33
75	Pre-pregnancy maternal obesity associates with endoplasmic reticulum stress in human umbilical vein endothelium. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 3195-3210.	1.8	32
76	Equilibrative Nucleoside Transporters in Fetal Endothelial Dysfunction in Diabetes Mellitus and Hyperglycaemia. <i>Current Vascular Pharmacology</i> , 2009, 7, 435-449.	0.8	31
77	Cross-sectional and longitudinal lipid determination studies in pregnant women reveal an association between increased maternal LDL cholesterol concentrations and reduced human umbilical vein relaxation. <i>Placenta</i> , 2015, 36, 895-902.	0.7	31
78	Adenosine receptors: Modulators of lipid availability that are controlled by lipid levels. <i>Molecular Aspects of Medicine</i> , 2017, 55, 26-44.	2.7	31
79	Using Machine Learning to Predict Complications in Pregnancy: A Systematic Review. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 780389.	2.0	31
80	Hyperglycaemia Inhibits Thymidine Incorporation and Cell Growth via Protein Kinase C, Mitogen-Activated Protein Kinases and Nitric Oxide in Human Umbilical Vein Endothelium. <i>Experimental Physiology</i> , 2003, 88, 209-219.	0.9	30
81	Adenosine A2B receptor mediates an increase on VEGF-A production in rat kidney glomeruli. <i>Biochemical and Biophysical Research Communications</i> , 2008, 366, 180-185.	1.0	30
82	Equilibrative nucleoside transporter 2 is expressed in human umbilical vein endothelium, but is not involved in the inhibition of adenosine transport induced by hyperglycaemia. <i>Placenta</i> , 2005, 26, 641-653.	0.7	28
83	Diabetes and insulin-induced stimulation of L-arginine transport and nitric oxide synthesis in rabbit isolated gastric glands. <i>Journal of Physiology</i> , 1997, 498, 787-796.	1.3	27
84	High glucose reduces SLC29A1 promoter activity and adenosine transport involving specific protein 1 in human umbilical vein endothelium. <i>Journal of Cellular Physiology</i> , 2008, 215, 645-656.	2.0	27
85	Potential Cell Signalling Mechanisms Involved in Differential Placental Angiogenesis in Mild and Severe Pre-Eclampsia. <i>Current Vascular Pharmacology</i> , 2009, 7, 475-485.	0.8	26
86	A Role for Insulin on L-Arginine Transport in Fetal Endothelial Dysfunction in Hyperglycaemia. <i>Current Vascular Pharmacology</i> , 2009, 7, 467-474.	0.8	26
87	Modulation of adenosine transport by insulin in human umbilical artery smooth muscle cells from normal or gestational diabetic pregnancies. <i>Journal of Physiology</i> , 2001, 534, 243-254.	1.3	25
88	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.	1.8	25
89	Mitochondrial dysfunction in the fetoplacental unit in gestational diabetes mellitus. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165948.	1.8	25
90	Gestational diabetes and foetoplacental vascular dysfunction. <i>Acta Physiologica</i> , 2021, 232, e13671.	1.8	25

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91	Potential Role of Sodium-Proton Exchangers in the Low Concentration Arsenic Trioxide-Increased Intracellular pH and Cell Proliferation. <i>PLoS ONE</i> , 2012, 7, e51451.	1.1	24
92	D-glucose stimulation of L-arginine transport and nitric oxide synthesis results from activation of mitogen-activated protein kinases p42/44 and Smad2 requiring functional type II TGF- β receptors in human umbilical vein endothelium. <i>Journal of Cellular Physiology</i> , 2007, 212, 626-632.	2.0	23
93	Exosomes derived from monocytes and from endothelial cells mediate monocyte and endothelial cell activation under high d-glucose conditions. <i>Immunobiology</i> , 2019, 224, 325-333.	0.8	23
94	Role of equilibrative adenosine transporters and adenosine receptors as modulators of the human placental endothelium in gestational diabetes mellitus. <i>Placenta</i> , 2013, 34, 1121-1127.	0.7	21
95	Foetoplacental epigenetic changes associated with maternal metabolic dysfunction. <i>Placenta</i> , 2018, 69, 146-152.	0.7	21
96	Functional Link Between Adenosine and Insulin: A Hypothesis for Fetoplacental Vascular Endothelial Dysfunction in Gestational Diabetes. <i>Current Vascular Pharmacology</i> , 2011, 9, 750-762.	0.8	21
97	TGF- β 1 inhibits expression and activity of hENT1 in a nitric oxide-dependent manner in human umbilical vein endothelium. <i>Cardiovascular Research</i> , 2009, 82, 458-467.	1.8	20
98	Potential Role of Adenosine Receptors on Proliferation/Migration of Fetal Endothelium Derived from Preeclamptic Pregnancies. <i>BioMed Research International</i> , 2014, 2014, 1-11.	0.9	20
99	A hypothesis for the role of RECK in angiogenesis. <i>Current Vascular Pharmacology</i> , 2015, 14, 106-115.	0.8	20
100	Cardiovascular Action of Insulin in Health and Disease: Endothelial L-Arginine Transport and Cardiac Voltage-Dependent Potassium Channels. <i>Frontiers in Physiology</i> , 2016, 7, 74.	1.3	20
101	Mechanisms of the effect of magnesium salts in preeclampsia. <i>Placenta</i> , 2018, 69, 134-139.	0.7	20
102	Nitric Oxide: A Regulator of Cellular Function in Health and Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-2.	1.9	19
103	Involvement of A2B adenosine receptors as anti-inflammatory in gestational diabetes. <i>Molecular Aspects of Medicine</i> , 2019, 66, 31-39.	2.7	19
104	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.	1.8	18
105	Increased expression of the multidrug resistance-associated protein 1 (MRP1) in kidney glomeruli of streptozotocin-induced diabetic rats. <i>Biological Chemistry</i> , 2011, 392, 529-37.	1.2	17
106	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.	1.1	17
107	Impaired signalling pathways mediated by extracellular vesicles in diabetes. <i>Molecular Aspects of Medicine</i> , 2019, 66, 13-20.	2.7	17
108	Role of insulin, adenosine, and adipokine receptors in the foetoplacental vascular dysfunction in gestational diabetes mellitus. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165370.	1.8	17

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109	Differential expression of functional nucleoside transporters in non-differentiated and differentiated human endothelial progenitor cells. <i>Placenta</i> , 2010, 31, 928-936.	0.7	15
110	Intracellular and extracellular pH dynamics in the human placenta from diabetes mellitus. <i>Placenta</i> , 2016, 43, 47-53.	0.7	15
111	Preeclampsia associates with RECK-dependent decrease in human trophoblasts migration and invasion. <i>Placenta</i> , 2017, 59, 19-29.	0.7	15
112	Modulation of intracellular pH in human ovarian cancer.. <i>Current Molecular Medicine</i> , 2016, 16, 23-32.	0.6	15
113	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.	0.8	15
114	Study protocol to investigate biomolecular muscle profile as predictors of long-term urinary incontinence in women with gestational diabetes mellitus. <i>BMC Pregnancy and Childbirth</i> , 2020, 20, 117.	0.9	14
115	Functional consequences of lead and mercury exposomes in the heart. <i>Molecular Aspects of Medicine</i> , 2022, 87, 101048.	2.7	14
116	Nitric Oxide, cGMP and cAMP Modulate Nitrobenzylthioinosine-Sensitive Adenosine Transport in Human Umbilical Artery Smooth Muscle Cells from Subjects with Gestational Diabetes. <i>Experimental Physiology</i> , 2000, 85, 399-409.	0.9	13
117	Pregnancy-specific urinary incontinence in women with gestational hyperglycaemia worsens the occurrence and severity of urinary incontinence and quality of life over the first year post partum. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2020, 252, 336-343.	0.5	13
118	IFPA Meeting 2009 Workshops Report. <i>Placenta</i> , 2010, 31, S4-S20.	0.7	12
119	Modulation of endothelial cell migration by ER stress and insulin resistance: a role during maternal obesity?. <i>Frontiers in Pharmacology</i> , 2014, 5, 189.	1.6	12
120	Intracellular acidification reduces l-arginine transport via system y+L but not via system y+/CATs and nitric oxide synthase activity in human umbilical vein endothelial cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 1192-1202.	1.8	12
121	Adenosine kinase and cardiovascular fetal programming in gestational diabetes mellitus. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165397.	1.8	12
122	Altered maternal metabolism during mild gestational hyperglycemia as a predictor of adverse perinatal outcomes: A comprehensive analysis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165478.	1.8	12
123	Involvement of Intracellular pH in Vascular Insulin Resistance. <i>Current Vascular Pharmacology</i> , 2019, 17, 440-446.	0.8	12
124	Impact of Remote Monitoring Technologies for Assisting Patients With Gestational Diabetes Mellitus: A Systematic Review. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 819697.	2.0	12
125	The influence of the dietary exposome on oxidative stress in pregnancy complications. <i>Molecular Aspects of Medicine</i> , 2022, 87, 101098.	2.7	12
126	Transport and metabolism of adenosine in diabetic human placenta. <i>Reproduction, Fertility and Development</i> , 1995, 7, 1499.	0.1	11

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127	New therapeutic approaches to treating hypertension in pregnancy. <i>Drug Discovery Today</i> , 2012, 17, 1307-1315.	3.2	11
128	DNA methylation changes in genes coding for leptin and insulin receptors during metabolic-altered pregnancies. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165465.	1.8	11
129	Role of proteases in dysfunctional placental vascular remodelling in preeclampsia. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165448.	1.8	11
130	Pro-angiogenic approach for skeletal muscle regeneration. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2022, 1866, 130059.	1.1	11
131	Nitric oxide and pH modulation in gynaecological cancer. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 2223-2230.	1.6	10
132	Intracellular acidification increases adenosine transport in human umbilical vein endothelial cells. <i>Placenta</i> , 2017, 51, 10-17.	0.7	10
133	Adenosine " from molecular mechanisms to pathophysiology. <i>Molecular Aspects of Medicine</i> , 2017, 55, 1-3.	2.7	10
134	Exposome and foetoplacental vascular dysfunction in gestational diabetes mellitus. <i>Molecular Aspects of Medicine</i> , 2022, 87, 101019.	2.7	10
135	Impact of maternal nutrition in viral infections during pregnancy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166231.	1.8	10
136	Adenosine plasma levels in the fetoplacental circulation in preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , 2012, 206, e5-e6.	0.7	9
137	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.	1.6	9
138	Insulin Induces Relaxation and Decreases Hydrogen Peroxide-Induced Vasoconstriction in Human Placental Vascular Bed in a Mechanism Mediated by Calcium-Activated Potassium Channels and L-Arginine/Nitric Oxide Pathways. <i>Frontiers in Physiology</i> , 2016, 7, 529.	1.3	9
139	Role of heme oxygenase 1 and human chorionic gonadotropin in pregnancy associated diseases. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165522.	1.8	9
140	Role of platelet-derived growth factor c on endothelial dysfunction in cardiovascular diseases. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2022, 1866, 130188.	1.1	9
141	Neonates from women with pregestational maternal obesity show reduced umbilical vein endothelial response to insulin. <i>Placenta</i> , 2019, 86, 35-44.	0.7	8
142	Altered foetoplacental vascular endothelial signalling to insulin in diabetes. <i>Molecular Aspects of Medicine</i> , 2019, 66, 40-48.	2.7	8
143	Glioma progression in diabetes. <i>Molecular Aspects of Medicine</i> , 2019, 66, 62-70.	2.7	8
144	Insulin requires A2B adenosine receptors to modulate the L-arginine/nitric oxide signalling in the human fetoplacental vascular endothelium from late-onset preeclampsia. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 165993.	1.8	8

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145	Do Adenosine Receptors Offer New Therapeutic Options for Diabetic Nephropathy?. <i>Current Vascular Pharmacology</i> , 2009, 7, 450-459.	0.8	8
146	Extracellular Vesicles and Insulin Resistance: A Potential Interaction in Vascular Dysfunction. <i>Current Vascular Pharmacology</i> , 2019, 17, 491-497.	0.8	8
147	Insulin Therapy in Pregnancy Hypertensive Diseases and its Effect on the Offspring and Mother Later in Life. <i>Current Vascular Pharmacology</i> , 2019, 17, 455-464.	0.8	8
148	Bovine adrenal endothelial cells express nucleoside transporters nonregulated by protein kinases A and C. <i>American Journal of Physiology - Cell Physiology</i> , 1996, 271, C504-C510.	2.1	7
149	Role for Tetrahydrobiopterin in the Fetoplacental Endothelial Dysfunction in Maternal Supraphysiological Hypercholesterolemia. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-10.	1.9	7
150	Reduced L-Carnitine Transport in Aortic Endothelial Cells from Spontaneously Hypertensive Rats. <i>PLoS ONE</i> , 2014, 9, e90339.	1.1	7
151	SARS- CoV-2 infection and oxidative stress in early-onset preeclampsia. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022, 1868, 166321.	1.8	7
152	Uptake of l-Heucine and l-phenylalanine across the basolateral cell surface in isolated oxyntic glands. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1992, 1106, 257-263.	1.4	6
153	Extracellular vesicle interactions with the external and internal exposome in mediating carcinogenesis. <i>Molecular Aspects of Medicine</i> , 2022, 87, 101039.	2.7	6
154	Glycaemia dynamics in gestational diabetes mellitus. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2022, 1866, 130134.	1.1	6
155	The Role of Placental Exosomes in Gestational Diabetes Mellitus. , 2013, , .		5
156	NHE1 PROMOTE CELL PROLIFERATION IN OVARIAN CANCER: A ROLE OF HYPOXIA-INDUCIBLE FACTORS.. <i>International Journal of Gynecological Cancer</i> , 2015, 25, 55-56.	1.2	5
157	Modulatory Effect of 2-(4-Hydroxyphenyl)amino-1,4-naphthoquinone on Endothelial Vasodilation in Rat Aorta. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-12.	1.9	5
158	Are NHE1 and inducible nitric oxide synthase involved in human ovarian cancer?. <i>Pharmacological Research</i> , 2016, 105, 183-185.	3.1	5
159	SARS-CoV-2, Zika viruses and mycoplasma: Structure, pathogenesis and some treatment options in these emerging viral and bacterial infectious diseases. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166264.	1.8	5
160	Placental metabolism and disease. <i>Placenta</i> , 2018, 70, 60-62.	0.7	4
161	Membrane transporters and receptors in pregnancy metabolic complications. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165617.	1.8	4
162	The activity of IKCa and BKCa channels contributes to insulin-mediated NO synthesis and vascular tone regulation in human umbilical vein. <i>Nitric Oxide - Biology and Chemistry</i> , 2020, 99, 7-16.	1.2	4

#	ARTICLE	IF	CITATIONS
163	Nitric Oxide, cGMP and cAMP Modulate Nitrobenzylthioinosine-Sensitive Adenosine Transport in Human Umbilical Artery Smooth Muscle Cells from Subjects with Gestational Diabetes. , 2000, 85, 399.		4
164	Pathophysiological and molecular considerations of viral and bacterial infections during maternal-fetal and “neonatal interactions of SARS-CoV-2, Zika, and Mycoplasma infectious diseases. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2022, 1868, 166285.	1.8	4
165	Nitric oxide, cGMP and cAMP modulate nitrobenzylthioinosine-sensitive adenosine transport in human umbilical artery smooth muscle cells from subjects with gestational diabetes. Experimental Physiology, 2000, 85, 399-409.	0.9	4
166	Glycaemia dynamics concepts before and after insulin. Biochemical Pharmacology, 2022, 201, 115092.	2.0	4
167	Kinetics and specificity of l-alanine transport across the basolateral cell surface in isolated oxyntic glands. Biochimica Et Biophysica Acta - Biomembranes, 1990, 1029, 98-104.	1.4	3
168	Diseases of Pregnancy and Fetal Programming: Cell and Molecular Mechanisms. BioMed Research International, 2014, 2014, 1-3.	0.9	3
169	Arsenic trioxide-increased MDCK cells proliferation requires activator protein 1-mediated increase of the sodium/proton exchanger 1 activity. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2021, 1867, 165977.	1.8	3
170	Reversal of diabetic-induced myopathy by swimming exercise in pregnant rats: a translational intervention study. Scientific Reports, 2022, 12, 7375.	1.6	3
171	Maternal supraphysiological hypercholesterolemia leads to reduced nitric oxide synthase activity associated with reduced levels of tetrahydrobiopterin in huvec. Atherosclerosis, 2014, 235, e37.	0.4	2
172	Molecular aspects of signalling in diabetes. Molecular Aspects of Medicine, 2019, 66, 1-2.	2.7	2
173	Adenosine Receptors in Gestational Diabetes Mellitus and Maternal Obesity in Pregnancy. , 2018, , 529-542.		2
174	Insulin Therapy, Insulin Resistance and Vascular Dysfunction. Current Vascular Pharmacology, 2019, 17, 429-431.	0.8	1
175	Molecular aspects of exposome and metabolic diseases. Molecular Aspects of Medicine, 2022, 87, 101102.	2.7	1
176	Editorial [Hot topic: Transportalopathy and Vascular Cell Dysfunction (Guest Editor: Luis Sobrevia)]. Current Vascular Pharmacology, 2009, 7, 423-425.	0.8	0
177	Preface. Placenta, 2011, 32, S78-S80.	0.7	0
178	Response to Letter to the Editor by Briana and Malamitsi-Puchner: Effects of Pregnancy-induced Insulin Resistance on the Fetus and the Future Development of Metabolic Diseases in Adulthood. Current Vascular Pharmacology, 2020, 18, 423-424.	0.8	0
179	Functional evidences of fetal endothelial dysfunction as a programmed phenomenon in pregnancy diseases. FASEB Journal, 2010, 24, 403.4.	0.2	0
180	Combined Effect of Isoproterenol and Mechanical Oscillation on the Contractile Response of Mice Airway Smooth Muscle From Healthy and Asthmatic Subjects. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
181	Study of the Combined Effect of Isoproterenol and Mechanical Oscillation on the Contractile Response of Mice Airways From Healthy and Asthmatic Subjects (In Vivo). , 2013, , .		0
182	Oxidative Stress in Pregnancies Complicated by Diabetes. Oxidative Stress in Applied Basic Research and Clinical Practice, 2014, , 47-79.	0.4	0