

Carlos Puebla

List of Publications by Year in descending order

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26
papers

993
citations

430843

18
h-index

552766

26
g-index

26
all docs

26
docs citations

26
times ranked

985
citing authors

#	ARTICLE	IF	CITATIONS
1	Editorial: Free Fatty Acids as Signaling Molecules: Role of Free Fatty Acid Receptors and CD36. <i>Frontiers in Physiology</i> , 2022, 13, 862458.	2.8	1
2	Use of Short-Chain Fatty Acids for the Recovery of the Intestinal Epithelial Barrier Affected by Bacterial Toxins. <i>Frontiers in Physiology</i> , 2021, 12, 650313.	2.8	61
3	Active acetylcholine receptors prevent the atrophy of skeletal muscles and favor reinnervation. <i>Nature Communications</i> , 2020, 11, 1073.	12.8	64
4	Pannexin 1-based channels activity as a novel regulator of multiple sclerosis progression. <i>Neural Regeneration Research</i> , 2020, 15, 65.	3.0	2
5	De novo expression of functional connexins 43 and 45 hemichannels increases sarcolemmal permeability of skeletal myofibers during endotoxemia. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 2765-2773.	3.8	18
6	Role of Connexin-Based Gap Junction Channels in Communication of Myelin Sheath in Schwann Cells. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 69.	3.7	14
7	Regulation of Connexin-Based Channels by Fatty Acids. <i>Frontiers in Physiology</i> , 2017, 8, 11.	2.8	14
8	Connexin hemichannels explain the ionic imbalance and lead to atrophy in denervated skeletal muscles. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 2168-2176.	3.8	20
9	Dexamethasone-induced muscular atrophy is mediated by functional expression of connexin-based hemichannels. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 1891-1899.	3.8	39
10	Linoleic acid permeabilizes gastric epithelial cells by increasing connexin 43 levels in the cell membrane via a GPR40- and Akt-dependent mechanism. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 439-448.	2.4	24
11	Fast skeletal myofibers of mdx mouse, model of Duchenne muscular dystrophy, express connexin hemichannels that lead to apoptosis. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 2583-2599.	5.4	33
12	Pannexin channels mediate the acquisition of myogenic commitment in C2C12 reserve cells promoted by P2 receptor activation. <i>Frontiers in Cell and Developmental Biology</i> , 2015, 3, 25.	3.7	11
13	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.	2.4	51
14	Role of Akt and Ca ²⁺ on cell permeabilization via connexin43 hemichannels induced by metabolic inhibition. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 1268-1277.	3.8	18
15	De novo expression of connexin hemichannels in denervated fast skeletal muscles leads to atrophy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 16229-16234.	7.1	101
16	Gestational Diabetes Reduces Adenosine Transport in Human Placental Microvascular Endothelium, an Effect Reversed by Insulin. <i>PLoS ONE</i> , 2012, 7, e40578.	2.5	62
17	Connexin- and Pannexin-Based Channels in Normal Skeletal Muscles and Their Possible Role in Muscle Atrophy. <i>Journal of Membrane Biology</i> , 2012, 245, 423-436.	2.1	37
18	Review: Differential placental macrovascular and microvascular endothelial dysfunction in gestational diabetes. <i>Placenta</i> , 2011, 32, S159-S164.	1.5	100

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19	Insulin Restores Gestational Diabetes Mellitusâ€“Reduced Adenosine Transport Involving Differential Expression of Insulin Receptor Isoforms in Human Umbilical Vein Endothelium. <i>Diabetes</i> , 2011, 60, 1677-1687.	0.6	101
20	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.	1.7	21
21	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. <i>Cardiovascular Research</i> , 2010, 86, 45-54.	3.8	49
22	TGF-Î²1 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.	3.8	20
23	Equilibrative Nucleoside Transporters in Fetal Endothelial Dysfunction in Diabetes Mellitus and Hyperglycaemia. <i>Current Vascular Pharmacology</i> , 2009, 7, 435-449.	1.7	31
24	Potential Cell Signalling Mechanisms Involved in Differential Placental Angiogenesis in Mild and Severe Pre-Eclampsia. <i>Current Vascular Pharmacology</i> , 2009, 7, 475-485.	1.7	26
25	High <sc>D</sc>â€“glucose reduces <i>SLC29A1</i> promoter activity and adenosine transport involving specific protein 1 in human umbilical vein endothelium. <i>Journal of Cellular Physiology</i> , 2008, 215, 645-656.	4.1	27
26	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.	4.1	48