

Carla Perego

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

65
papers

2,458
citations

27
h-index

49
g-index

75
ext. papers

2,834
ext. citations

5.2
avg, IF

4.23
L-index

#	Paper	IF	Citations
65	Autoantibodies Against the Glial Glutamate Transporter GLT1/EAAT2 in Type 1 Diabetes Mellitus. Clues to novel immunological and non-immunological therapies.. <i>Pharmacological Research</i> , 2022 , 177, 106130	10.2	
64	Iron Metabolism in Pancreatic Beta-Cell Function and Dysfunction. <i>Cells</i> , 2021 , 10,	7.9	4
63	Verbascoside Protects Pancreatic β Cells against ER-Stress. <i>Biomedicines</i> , 2020 , 8,	4.8	13
62	The LRRK2 N-terminal domain influences vesicle trafficking: impact of the E193K variant. <i>Scientific Reports</i> , 2020 , 10, 3799	4.9	5
61	Shaping Pancreatic β Cell Differentiation and Functioning: The Influence of Mechanotransduction. <i>Cells</i> , 2020 , 9,	7.9	15
60	Proteomic Analysis Reveals a Mitochondrial Remodeling of β C3 Cells in Response to Nanotopography. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 508	5.7	5
59	Cholesterol metabolism, pancreatic β cell function and diabetes. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019 , 1865, 2149-2156	6.9	30
58	PCSK9 deficiency reduces insulin secretion and promotes glucose intolerance: the role of the low-density lipoprotein receptor. <i>European Heart Journal</i> , 2019 , 40, 357-368	9.5	64
57	Exenatide regulates pancreatic islet integrity and insulin sensitivity in the nonhuman primate baboon <i>Papio hamadryas</i> . <i>JCI Insight</i> , 2019 , 4,	9.9	8
56	Malaria pigment accelerates MTT - formazan exocytosis in human endothelial cells. <i>Parasitology</i> , 2019 , 146, 399-406	2.7	4
55	Pancreatic islet of Langerhans' cytoarchitecture and ultrastructure in normal glucose tolerance and in type 2 diabetes mellitus. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20 Suppl 2, 137-144	6.7	27
54	Cluster-assembled zirconia substrates promote long-term differentiation and functioning of human islets of Langerhans. <i>Scientific Reports</i> , 2018 , 8, 9979	4.9	21
53	DOPAL derived alpha-synuclein oligomers impair synaptic vesicles physiological function. <i>Scientific Reports</i> , 2017 , 7, 40699	4.9	78
52	The LRRK2 G2385R variant is a partial loss-of-function mutation that affects synaptic vesicle trafficking through altered protein interactions. <i>Scientific Reports</i> , 2017 , 7, 5377	4.9	32
51	INaP selective inhibition reverts precocious inter- and motoneurons hyperexcitability in the Sod1-G93R zebrafish ALS model. <i>Scientific Reports</i> , 2016 , 6, 24515	4.9	20
50	Neurotransmitters and Neuropeptides: New Players in the Control of Islet of Langerhans' Cell Mass and Function. <i>Journal of Cellular Physiology</i> , 2016 , 231, 756-67	7	25
49	Probing the Dynamics of Plasma Membrane Glutamate Transporters in Real Time by Total Internal Fluorescence Reflection Microscopy. <i>Springer Protocols</i> , 2016 , 117-139	0.3	

48	Delta cell death in the islet of Langerhans and the progression from normal glucose tolerance to type 2 diabetes in non-human primates (baboon, <i>Papio hamadryas</i>). <i>Diabetologia</i> , 2015 , 58, 1814-26	10.3	27
47	S.23.01 The stress impact on synaptic function and brain architecture: a key to mood and anxiety disorders. <i>European Neuropsychopharmacology</i> , 2015 , 25, S144	1.2	
46	Chronic continuous exenatide infusion does not cause pancreatic inflammation and ductal hyperplasia in non-human primates. <i>American Journal of Pathology</i> , 2015 , 185, 139-50	5.8	12
45	LRRK2 modulates neuronal vesicles cycle through protein interactions. <i>SpringerPlus</i> , 2015 , 4,		78
44	TIRFM and pH-sensitive GFP-probes to evaluate neurotransmitter vesicle dynamics in SH-SY5Y neuroblastoma cells: cell imaging and data analysis. <i>Journal of Visualized Experiments</i> , 2015 ,	1.6	8
43	Acute stress rapidly increases the readily releasable pool of glutamate vesicles in prefrontal and frontal cortex through non-genomic action of corticosterone. <i>Molecular Psychiatry</i> , 2014 , 19, 401	15.1	13
42	P.1.g.029 Acute stress increases the readily releasable pool of glutamate vesicles in cortical areas. <i>European Neuropsychopharmacology</i> , 2014 , 24, S219-S220	1.2	
41	Stress and corticosterone increase the readily releasable pool of glutamate vesicles in synaptic terminals of prefrontal and frontal cortex. <i>Molecular Psychiatry</i> , 2014 , 19, 433-43	15.1	90
40	Synaptic Stress, Changes in Glutamate Transmission and Circuitry, and Psychopathology 2014 , 33-52		1
39	Neurosteroid allopregnanolone regulates EAAC1-mediated glutamate uptake and triggers actin changes in Schwann cells. <i>Journal of Cellular Physiology</i> , 2012 , 227, 1740-51	7	26
38	Long-lasting remission of type 1 diabetes following treatment with topiramate for generalized seizures. <i>Acta Diabetologica</i> , 2012 , 49, 75-9	3.9	9
37	The potential role of glutamate in the current diabetes epidemic. <i>Acta Diabetologica</i> , 2012 , 49, 167-83	3.9	30
36	The ontogeny of the endocrine pancreas in the fetal/newborn baboon. <i>Journal of Endocrinology</i> , 2012 , 214, 289-99	4.7	18
35	The role of oxidative stress in the pathogenesis of type 2 diabetes mellitus micro- and macrovascular complications: avenues for a mechanistic-based therapeutic approach. <i>Current Diabetes Reviews</i> , 2011 , 7, 313-24	2.7	221
34	The glial glutamate transporter 1 (GLT1) is expressed by pancreatic beta-cells and prevents glutamate-induced beta-cell death. <i>Journal of Biological Chemistry</i> , 2011 , 286, 14007-18	5.4	45
33	Altered insulin receptor signalling and Ecell cycle dynamics in type 2 diabetes mellitus. <i>PLoS ONE</i> , 2011 , 6, e28050	3.7	68
32	The surface density of the glutamate transporter EAAC1 is controlled by interactions with PDZK1 and AP2 adaptor complexes. <i>Traffic</i> , 2010 , 11, 1455-70	5.7	31
31	Pancreatic islet amyloidosis, beta-cell apoptosis, and alpha-cell proliferation are determinants of islet remodeling in type-2 diabetic baboons. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 13992-7	11.5	125

30	LIN7 mediates the recruitment of IRSp53 to tight junctions. <i>Traffic</i> , 2009 , 10, 246-57	5.7	25
29	Prevention of myocardial fibrosis by N-acetyl-seryl-aspartyl-lysyl-proline in diabetic rats. <i>Clinical Science</i> , 2009 , 118, 211-20	6.5	28
28	AQP1 is not only a water channel: it contributes to cell migration through Lin7/beta-catenin. <i>PLoS ONE</i> , 2009 , 4, e6167	3.7	87
27	Disproportionate hyperproinsulinemia, beta-cell restricted prohormone convertase 2 deficiency, and cell cycle inhibitors expression by human islets transplanted into athymic nude mice: insights into nonimmune-mediated mechanisms of delayed islet graft failure. <i>Cell Transplantation</i> , 2008 , 17, 1323-36	4	23
26	Role of the conserved glutamine 291 in the rat gamma-aminobutyric acid transporter rGAT-1. <i>Cellular and Molecular Life Sciences</i> , 2006 , 63, 100-11	10.3	25
25	Atomic force microscopy characterization of <i>Xenopus laevis</i> oocyte plasma membrane. <i>Microscopy Research and Technique</i> , 2006 , 69, 826-34	2.8	7
24	Adhesion and proliferation of fibroblasts on cluster-assembled nanostructured carbon films: the role of surface morphology. <i>Journal of Nanoscience and Nanotechnology</i> , 2006 , 6, 3718-30	1.3	6
23	Atomic force microscopy imaging of actin cortical cytoskeleton of <i>Xenopus laevis</i> oocyte. <i>Journal of Microscopy</i> , 2006 , 223, 57-65	1.9	10
22	Increased internalisation and degradation of GLT-1 glial glutamate transporter in a cell model for familial amyotrophic lateral sclerosis (ALS). <i>Journal of Cell Science</i> , 2004 , 117, 5417-26	5.3	42
21	Chronic hyperglycemia impairs insulin secretion by affecting insulin receptor expression, splicing, and signaling in RIN beta cell line and human islets of Langerhans. <i>FASEB Journal</i> , 2003 , 17, 1340-2	0.9	53
20	Glutamate 59 is critical for transport function of the amino acid cotransporter KAAT1. <i>American Journal of Physiology - Cell Physiology</i> , 2003 , 285, C623-32	5.4	5
19	PP1 inhibitor induces degradation of RETMEN2A and RETMEN2B oncoproteins through proteosomal targeting. <i>Cancer Research</i> , 2003 , 63, 2234-43	10.1	34
18	Differential localisation of nPKC delta during cell cycle progression. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 294, 127-31	3.4	9
17	Differential interaction of Enigma protein with the two RET isoforms. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 296, 515-22	3.4	30
16	Invasive behaviour of glioblastoma cell lines is associated with altered organisation of the cadherin-catenin adhesion system. <i>Journal of Cell Science</i> , 2002 , 115, 3331-3340	5.3	72
15	Invasive behaviour of glioblastoma cell lines is associated with altered organisation of the cadherin-catenin adhesion system. <i>Journal of Cell Science</i> , 2002 , 115, 3331-40	5.3	59
14	High glucose causes apoptosis in cultured human pancreatic islets of Langerhans: a potential role for regulation of specific Bcl family genes toward an apoptotic cell death program. <i>Diabetes</i> , 2001 , 50, 1290-301	0.9	267
13	Three kinds of currents in the canine betaine-GABA transporter BGT-1 expressed in <i>Xenopus laevis</i> oocytes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2001 , 1538, 172-80	4.9	13

12	The GLT-1 and GLAST glutamate transporters are expressed on morphologically distinct astrocytes and regulated by neuronal activity in primary hippocampal cocultures. <i>Journal of Neurochemistry</i> , 2000 , 75, 1076-84	6	138
11	Mammalian LIN-7 PDZ proteins associate with beta-catenin at the cell-cell junctions of epithelia and neurons. <i>EMBO Journal</i> , 2000 , 19, 3978-89	13	102
10	PDZ-mediated interactions retain the epithelial GABA transporter on the basolateral surface of polarized epithelial cells. <i>EMBO Journal</i> , 1999 , 18, 2384-93	13	144
9	Sorting of two polytopic proteins, the gamma-aminobutyric acid and betaine transporters, in polarized epithelial cells. <i>Journal of Biological Chemistry</i> , 1997 , 272, 6584-92	5-4	57
8	Cloning of a rabbit renal Na-Pi cotransporter, which is regulated by dietary phosphate. <i>American Journal of Physiology - Renal Physiology</i> , 1995 , 268, F626-33	4-3	22
7	Functional characterization of leucine transport induced in <i>Xenopus laevis</i> oocytes injected with mRNA isolated from midguts of lepidopteran larvae (<i>Philosamia cynthia</i>). <i>Journal of Experimental Biology</i> , 1995 , 198, 961-6	3	2
6	Expression of rat ileal Na(+)-sulphate cotransport in <i>Xenopus laevis</i> oocytes: functional characterization. <i>Pflugers Archiv European Journal of Physiology</i> , 1994 , 427, 252-6	4.6	5
5	cDNA cloning of a rat small-intestinal Na ⁺ /SO ₄ ²⁻ cotransporter. <i>Pflugers Archiv European Journal of Physiology</i> , 1994 , 428, 217-23	4.6	14
4	Interaction between Na ⁺ and the K ⁺ -dependent amino acid transport in midgut brush-border membrane vesicles from <i>Philosamia cynthia</i> larvae. <i>Journal of Insect Physiology</i> , 1994 , 40, 69-74	2.4	22
3	Potassium activation of Na(+)-dependent leucine transport in brush-border membrane vesicles from rat jejunum. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1994 , 109, 949-56		
2	Effects of cell line proliferation on the aggregation and stability of a hyaluronic acid solution (HA)/PLGA microparticles dispersed in the culture system. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 1-9	3	0
1	Trafficking of the glutamate transporter is impaired in LRRK2-related Parkinson disease		1