Carmen D Lobaton

List of Publications by Year
in descending order

38 papers	1,220 citations	361413 20 h-index	361022 35 g-index
41 all docs	41 docs citations	41 times ranked	1341 citing authors

#	Article	IF	Citations
1	Germline Genetic Findings Which May Impact Therapeutic Decisions in Families with a Presumed Predisposition for Hereditary Breast and Ovarian Cancer. Cancers, 2020, 12, 2151.	3.7	5
2	Modulation of Glial Responses by Furanocembranolides: Leptolide Diminishes Microglial Inflammation in Vitro and Ameliorates Gliosis In Vivo in a Mouse Model of Obesity and Insulin Resistance. Marine Drugs, 2020, 18, 378.	4.6	2
3	Hepatic insulin-degrading enzyme regulates glucose and insulin homeostasis in diet-induced obese mice. Metabolism: Clinical and Experimental, 2020, 113, 154352.	3.4	25
4	Pancreatic Î²-cell-specific deletion of insulin-degrading enzyme leads to dysregulated insulin secretion and Î²-cell functional immaturity. American Journal of Physiology - Endocrinology and Metabolism, 2019, 317, E805-E819.	3.5	23
5	Unraveling the molecular effect of a rare missense mutation in BRIP1 associated with inherited breast cancer. Molecular Carcinogenesis, 2019, 58, 156-160.	2.7	3
6	A PALB2 truncating mutation: Implication in cancer prevention and therapy of Hereditary Breast and Ovarian Cancer. Breast, 2019, 43, 91-96.	2.2	6
7	Chloro-Furanocembranolides from Leptogorgia sp. Improve Pancreatic Beta-Cell Proliferation. Marine Drugs, 2018, 16, 49.	4.6	6
8	Liver-specific ablation of insulin-degrading enzyme causes hepatic insulin resistance and glucose intolerance, without affecting insulin clearance in mice. Metabolism: Clinical and Experimental, 2018, 88, 1-11.	3.4	49
9	Insulin degrading enzyme is up-regulated in pancreatic Î² cells by insulin treatment. Histology and Histopathology, 2018, 33, 1167-1180.	0.7	15
10	Leptolide Improves Insulin Resistance in Diet-Induced Obese Mice. Marine Drugs, 2017, 15, 289.	4.6	4
11	Protective effects of epoxypukalide on pancreatic Î²-cells and glucose metabolism in STZ-induced diabetic mice. Islets, 2015, 7, e1078053.	1.8	8
12	Epoxypukalide Induces Proliferation and Protects against Cytokine-Mediated Apoptosis in Primary Cultures of Pancreatic Î²-Cells. PLoS ONE, 2013, 8, e52862.	2.5	12
13	Ca2+ Dynamics in the Secretory Vesicles of Neurosecretory PC12 and INS1 Cells. Cellular and Molecular Neurobiology, 2010, 30, 1267-1274.	3.3	7
14	The dynamics of mitochondrial Ca2+ fluxes. Biochimica Et Biophysica Acta - Bioenergetics, 2010, 1797, 1727-1735.	1.0	12
15	Monitoring mitochondrial [Ca2+] dynamics with rhod-2, ratiometric pericam and aequorin. Cell Calcium, 2010, 48, 61-69.	2.4	65
16	A confocal study on the visualization of chromaffin cell secretory vesicles with fluorescent targeted probes and acidic dyes. Journal of Structural Biology, 2010, 172, 261-269.	2.8	10
17	Mitochondrial free [Ca2+] levels and the permeability transition. Cell Calcium, 2009, 45, 243-250.	2.4	24
18	Calcium dynamics in bovine adrenal medulla chromaffin cell secretory granules. European Journal of Neuroscience, 2008, 28, 1265-1274.	2.6	46

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19	Modulation of Ca2+release and Ca2+oscillations in HeLa cells and fibroblasts by mitochondrial Ca2+uniporter stimulation. Journal of Physiology, 2007, 580, 39-49.	2.9	48
20	The plasma membrane Na+ /Ca2+ exchange inhibitor KB-R7943 is also a potent inhibitor of the mitochondrial Ca2+ uniporter. British Journal of Pharmacology, 2007, 151, 647-654.	5.4	82
21	The mitochondrial Na+/Ca2+ exchanger plays a key role in the control of cytosolic Ca2+ oscillations. Cell Calcium, 2006, 40, 53-61.	2.4	59
22	Modulation of mitochondrial Ca2+ uptake by estrogen receptor agonists and antagonists. British Journal of Pharmacology, 2005, 145, 862-871.	5.4	46
23	Calcium dynamics in catecholamine-containing secretory vesicles. Cell Calcium, 2005, 37, 555-564.	2.4	38
24	Calcineurin-independent inhibition of mitochondrial Ca2+ uptake by cyclosporin A. British Journal of Pharmacology, 2004, 141, 263-268.	5.4	24
25	Direct activation of the mitochondrial calcium uniporter by natural plant flavonoids. Biochemical Journal, 2004, 384, 19-24.	3.7	128
26	Modulation of Histamine-induced Ca2+ Release by Protein Kinase C. Journal of Biological Chemistry, 2003, 278, 49972-49979.	3.4	27
27	A novel regulatory mechanism of the mitochondrial Ca 2+ uniporter revealed by the p38 mitogenâ€activated protein kinase inhibitor sb202190. FASEB Journal, 2002, 16, 1955-1957.	0.5	77
28	Stimulation by thimerosal of histamine-induced Ca2+release in intact HeLa cells seen with aequorin targeted to the endoplasmic reticulum. Cell Calcium, 2001, 30, 181-190.	2.4	20
29	Leiurus quinquestriatus venom inhibits different kinds of Ca2+-dependent K+ channels. Biochimica Et Biophysica Acta - Biomembranes, 1986, 856, 403-407.	2.6	48
30	Cellular transport in the regulation of amino acid metabolism. Biochemical Society Transactions, 1986, 14, 993-995.	3.4	2
31	Regulation and Genetics of Amino Acid Transport. Annals of the New York Academy of Sciences, 1985, 456, 404-416.	3.8	9
32	Regulation of amino acid transport system L by amino acid availability in CHO-K1 cells. A special role for leucine. Biochimica Et Biophysica Acta - Biomembranes, 1985, 819, 271-274.	2.6	16
33	Characterization of a Chinese hamster-human hybrid cell line with increased system L amino acid transport activity.. Molecular and Cellular Biology, 1984, 4, 475-483.	2.3	17
34	Dinucleosidetetraphosphatase from ehrlich ascites tumour cells: Inhibition by adenosine, guanosine and uridine 5'-tetraphosphates. International Journal of Biochemistry & Cell Biology, 1982, 14, 629-634.	0.5	38
35	Dinucleosidetriphosphatase from Rat Liver. Purification and Properties. FEBS Journal, 1977, 76, 331-337.	0.2	55
36	Dinucleosidasetetraphosphatase in rat liver and Artemia salina. Biochimica Et Biophysica Acta - Biomembranes, 1976, 438, 304-309.	2.6	62

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37	Diguanosinetetraphosphatase from Rat Liver: Activity on Diadenosine Tetraphosphate and Inhibition by Adenosine Tetraphosphate. FEBS Journal, 1975, 50, 495-501.	0.2	85
38	Diadenosine triphosphate splitting by rat liver extracts. Biochemical and Biophysical Research Communications, 1975, 67, 279-286.	2.1	17