Elvira Alvarez

List of Publications by Year
in descending order

44 papers	2,184 citations	361413 20 h-index	265206 42 g-index
44 all docs	44 docs citations	44 times ranked	1925 citing authors

#	Article	IF	Citations
1	Pro-Leu-Ser/Thr-Pro is a consensus primary sequence for substrate protein phosphorylation. Characterization of the phosphorylation of c-myc and c-jun proteins by an epidermal growth factor receptor threonine 669 protein kinase. Journal of Biological Chemistry, 1991, 266, 15277-85.	3.4	378
2	The expression of GLP-1 receptor mRNA and protein allows the effect of GLP-1 on glucose metabolism in the human hypothalamus and brainstem. Journal of Neurochemistry, 2005, 92, 798-806.	3.9	241
3	Colocalization of Glucagonâ€Like Peptideâ€1 (GLPâ€1) Receptors, Glucose Transporter GLUTâ€2, and Glucokinase mRNAs in Rat Hypothalamic Cells: Evidence for a Role of GLPâ€1 Receptor Agonists as an Inhibitory Signal for Food and Water Intake. Journal of Neurochemistry, 1996, 67, 1982-1991.	3.9	205
4	Expression of the Glucagonâ€Like Peptideâ€1 Receptor Gene in Rat Brain. Journal of Neurochemistry, 1996, 66, 920-927.	3.9	160
5	Peripheral versus central effects of glucagon-like peptide-1 receptor agonists on satiety and body weight loss in Zucker obese rats. Metabolism: Clinical and Experimental, 2000, 49, 709-717.	3.4	144
6	Inhibition of the receptor-mediated endocytosis of diferric transferrin is associated with the covalent modification of the transferrin receptor with palmitic acid.. Journal of Biological Chemistry, 1990, 265, 16644-16655.	3.4	127
7	Inhibition of the receptor-mediated endocytosis of diferric transferrin is associated with the covalent modification of the transferrin receptor with palmitic acid. Journal of Biological Chemistry, 1990, 265, 16644-55.	3.4	94
8	Functional Glucokinase Isoforms Are Expressed in Rat Brain. Journal of Neurochemistry, 2000, 74, 1848-1857.	3.9	86
9	Evidence that glucokinase regulatory protein is expressed and interacts with glucokinase in rat brain. Journal of Neurochemistry, 2002, 80, 45-53.	3.9	68
10	Expression of glucose transporter isoform GLUT-2 and glucokinase genes in human brain. Journal of Neurochemistry, 2004, 88, 1203-1210.	3.9	59
11	Increased glucagon-like peptide-1 receptor expression in glia after mechanical lesion of the rat brain. Neuropeptides, 1999, 33, 212-215.	2.2	52
12	Glucagon-like peptide-1 does not have a role in hepatic carbohydrate metabolism. Diabetologia, 1985, 28, 920-921.	6.3	46
13	Effect of Pinealectomy on Liver Insulin and Glucagon Receptor Concentrations in the Rat. Journal of Pineal Research, 1989, 6, 77-88.	7.4	45
14	A point mutation in the cytoplasmic domain of the transferrin receptor inhibits endocytosis. Biochemical Journal, 1990, 267, 31-35.	3.7	41
15	Glucagon-Like Peptide 1 (GLP-1) Can Reverse AMP-Activated Protein Kinase (AMPK) and S6 Kinase (P70S6K) Activities Induced by Fluctuations in Glucose Levels in Hypothalamic Areas Involved in Feeding Behaviour. Molecular Neurobiology, 2012, 45, 348-361.	4.0	38
16	Coexpression of Glucagon-Like Peptide-1 (GLP-1) Receptor, Vasopressin, and Oxytocin mRNAs in Neurons of the Rat Hypothalamic Supraoptic and Paraventricular Nuclei. Journal of Neurochemistry, 1999, 72, 10-16.	3.9	37
17	Intermolecular disulfide bonds are not required for the expression of the dimeric state and functional activity of the transferrin receptor.. EMBO Journal, 1989, 8, 2231-2240.	7.8	36
18	Glucagon-like peptide-1 (7â€"36) amide as a novel neuropeptide. Molecular Neurobiology, 1998, 18, 157-173.	4.0	29

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19	Effect of Pinealectomy and of Diabetes on Liver Insulin and Glucagon Receptor Concentrations in the Rat. Journal of Pineal Research, 1989, 6, 295-306.	7.4	27
20	Leptin but not neuropeptide Y up-regulated glucagon-like peptide 1 receptor expression in GT1-7 cells and rat hypothalamic slices. Metabolism: Clinical and Experimental, 2008, 57, 40-48.	3.4	24
21	PAS Kinase Is a Nutrient and Energy Sensor in Hypothalamic Areas Required for the Normal Function of AMPK and mTOR/S6K1. Molecular Neurobiology, 2014, 50, 314-326.	4.0	21
22	The cytoplasmic domain close to the transmembrane region of the glucagon-like peptide-1 receptor contains sequence elements that regulate agonist-dependent internalisation. Journal of Endocrinology, 2005, 186, 221-231.	2.6	18
23	Substitution of the cysteine 438 residue in the cytoplasmic tail of the glucagon-like peptide-1 receptor alters signal transduction activity. Journal of Endocrinology, 2005, 185, 35-44.	2.6	17
24	PAS Kinase as a Nutrient Sensor in Neuroblastoma and Hypothalamic Cells Required for the Normal Expression and Activity of Other Cellular Nutrient and Energy Sensors. Molecular Neurobiology, 2013, 48, 904-920.	4.0	17
25	Intermolecular disulfide bonds are not required for the expression of the dimeric state and functional activity of the transferrin receptor. EMBO Journal, 1989, 8, 2231-40.	7.8	17
26	Biochemical and Ultrastructural Approaches to the Onset of the Pineal Melatonin Rhythm in the Rat. Neuroendocrinology, 1989, 50, 500-505.	2.5	15
27	Glucokinase and Glucokinase Regulatory Proteins are Functionally Coexpressed before Birth in the Rat Brain. Journal of Neuroendocrinology, 2009, 21, 973-981.	2.6	15
28	High-fat diet alters PAS kinase regulation by fasting and feeding in liver. Journal of Nutritional Biochemistry, 2018, 57, 14-25.	4.2	15
29	PAS Kinase deficiency alters the glucokinase function and hepatic metabolism. Scientific Reports, 2018, 8, 11091.	3.3	15
30	Pas Kinase Deficiency Triggers Antioxidant Mechanisms in the Liver. Scientific Reports, 2018, 8, 13810.	3.3	13
31	Lack of Insulin Effect on its Own Receptors in Fetal Rat Hepatocytes. Hormone and Metabolic Research, 1987, 19, 458-463.	1.5	12
32	Insulin-Receptor Substrate-2 (IRS-2) Is Required for Maintaining Glucokinase and Glucokinase Regulatory Protein Expression in Mouse Liver. PLoS ONE, 2013, 8, e58797.	2.5	12
33	Delayed appearance of liver growth hormone binding sites and of growth hormone-induced somatomedin production during rat development. Biochemical and Biophysical Research Communications, 1986, 136, 38-44.	2.1	11
34	Presence of Melatonin in the Umbilical Cord Blood of Full-Term Human Newborns. Journal of Pineal Research, 1989, 6, 135-140.	7.4	10
35	Expression of glucagon-like peptide-1 (GLP-1) receptor and the effect of GLP-1-(7-36) amide on insulin release by pancreatic islets during rat ontogenic development. FEBS Journal, 2001, 268, 514-520.	0.2	9
36	PAS kinase deficiency reduces aging effects in mice. Aging, 2020, 12, 2275-2301.	3.1	7

#	Article	IF	Citations
37	Preventing Oxidative Stress in the Liver: An Opportunity for GLP-1 and/or PASK. Antioxidants, 2021, 10, 2028.	5.1	6
38	PAS Kinase: A Nutrient and Energy Sensor â€œMaster Keyâ€•in the Response to Fasting/Feeding Conditions. Frontiers in Endocrinology, 2020, 11, 594053.	3.5	5
39	Storage and Utilization of Glycogen by Mouse Liver during Adaptation to Nutritional Changes Are GLP-1 and PASK Dependent. Nutrients, 2021, 13, 2552.	4.1	5
40	Characterization of Insulin Receptors in Liver Membranes and Isolated Hepatocytes during Rat Ontogenic Development. Hormone and Metabolic Research, 1986, 18, 666-671.	1.5	4
41	Direct evidence that insulin does not down-regulate its own receptors in circulating monocytes of human newborns. Diabetologia, 1987, 30, 820-2.	6.3	2
42	Characterization of glucacon receptors in Golgi fractions of fetal rat liver. FEBS Letters, 1987, 222, 256-260.	2.8	1
43	Glucokinase as a Glucose Sensor in Hypothalamus - Regulation by Orexigenic and Anorexigenic Peptides. , 2011, , .		0
44	Role of Nutrient and Energy Sensors in the Development of Type 2 Diabetes. , 0, , .		0