Enrique Blazquez

List of Publications by Year
in descending order

58 papers	2,567 citations	257450 24 h-index	189892 50 g-index
59 all docs	59 docs citations	59 times ranked	2767 citing authors

#	Article	IF	Citations
1	Significance of Brain Glucose Hypometabolism, Altered Insulin Signal Transduction, and Insulin Resistance in Several Neurological Diseases. Frontiers in Endocrinology, 2022, 13, .	3.5	20
2	High-fat diet alters PAS kinase regulation by fasting and feeding in liver. Journal of Nutritional Biochemistry, 2018, 57, 14-25.	4.2	15
3	Insulin in the Brain: Its Pathophysiological Implications for States Related with Central Insulin Resistance, Type 2 Diabetes and AlzheimerÃ¢â,¬â„¢s Disease. Frontiers in Endocrinology, 2014, 5, 161.	3.5	369
4	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
5	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
6	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
7	Glucagon-Like Peptide-2 (GLP-2) Modulates the cGMP Signalling Pathway by Regulating the Expression of the Soluble Guanylyl Cyclase Receptor Subunits in Cultured Rat Astrocytes. Molecular Neurobiology, 2012, 46, 242-250.	4.0	3
8	Influence of Î²â€nucleation on polymorphism and properties in random copolymers and terpolymers of propylene. Polymer Engineering and Science, 2012, 52, 2285-2295.	3.1	10
9	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
10	Glucokinase as a Glucose Sensor in Hypothalamus - Regulation by Orexigenic and Anorexigenic Peptides. , 2011, , .		0
11	New gene targets for glucagon-like peptide-1 during embryonic development and in undifferentiated pluripotent cells. American Journal of Physiology - Endocrinology and Metabolism, 2011, 301, E494-E503.	3.5	3
12	Synergistic Effect of Glucagon-Like Peptide 2 (GLP-2) and of Key Growth Factors on the Proliferation of Cultured Rat Astrocytes. Evidence for Reciprocal Upregulation of the mRNAs for GLP-2 and IGF-I Receptors. Molecular Neurobiology, 2009, 40, 183-193.	4.0	12
13	Glucokinase and Glucokinase Regulatory Proteins are Functionally Coexpressed before Birth in the Rat Brain. Journal of Neuroendocrinology, 2009, 21, 973-981.	2.6	15
14	Influence of Germination with Different Selenium Solutions on Nutritional Value and Cytotoxicity of Lupin Seeds. Journal of Agricultural and Food Chemistry, 2009, 57, 1319-1325.	5.2	25
15	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
16	Effects of glucose and insulin on glucokinase activity in rat hypothalamus. Journal of Endocrinology, 2007, 193, 259-267.	2.6	20
17	25-Hydroxycholesterol has a dual effect on the proliferation of cultured rat astrocytes. Neuropharmacology, 2006, 51, 229-237.	4.1	19
18	Effects of novel maturity-onset diabetes of the young (MODY)-associated mutations on glucokinase activity and protein stability. Biochemical Journal, 2006, 393, 389-396.	3.7	45

#	Article	IF	Citations
19	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
20	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
21	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
22	Expression of glucose transporter isoform GLUT-2 and glucokinase genes in human brain. Journal of Neurochemistry, 2004, 88, 1203-1210.	3.9	59
23	Thermal and conductivity properties of poly(ethylene glycol)-based cyclopolymersElectronic supplementary information (ESI) available: 1H NMR spectra and gel permeation chromatography traces of polymers 4, 5a and 6 after purification by precipitation in the non-solvent. See http://www.rsc.org/suppdata/jm/b4/b402677b/. Journal of Materials Chemistry, 2004, 14, 2524.	6.7	11
24	Glucagon-like peptide-2 stimulates the proliferation of cultured rat astrocytes. FEBS Journal, 2003, 270, 3001-3009.	0.2	40
25	Expression of glucose transporter-2, glucokinase and mitochondrial glycerolphosphate dehydrogenase in pancreatic islets during rat ontogenesis. FEBS Journal, 2002, 269, 119-127.	0.2	15
26	Evidence that glucokinase regulatory protein is expressed and interacts with glucokinase in rat brain. Journal of Neurochemistry, 2002, 80, 45-53.	3.9	68
27	Structural Characterization by Affinity Cross-Linking of Glucagon-Like Peptide-1(7-36)Amide Receptor in Rat Brain. Journal of Neurochemistry, 2002, 64, 299-306.	3.9	39
28	Insulin Promotes the Hydrolysis of a Glycosyl Phosphatidylinositol in Cultured Rat Astroglial Cells. Journal of Neurochemistry, 2002, 68, 10-19.	3.9	8
29	Effects of triiodothyronine and bovine growth hormone on glucose transporter isoform-2 (GLUT-2) and glucokinase (GK) gene expression in pancreatic islets of fetal and adult rats. Pflugers Archiv European Journal of Physiology, 2001, 442, 662-667.	2.8	14
30	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
31	Glucagon-like Peptide-1(7â€“36) Amide Stimulates Surfactant Secretion in Human Type II Pneumocytes. American Journal of Respiratory and Critical Care Medicine, 2001, 163, 840-846.	5.6	50
32	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
33	Functional Glucokinase Isoforms Are Expressed in Rat Brain. Journal of Neurochemistry, 2000, 74, 1848-1857.	3.9	86
34	Neural contribution to the effect of glucagon-like peptide-1-(7â€”36) amide on arterial blood pressure in rats. American Journal of Physiology - Endocrinology and Metabolism, 1999, 277, E784-E791.	3.5	77
35	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
36	Increased glucagon-like peptide-1 receptor expression in glia after mechanical lesion of the rat brain. Neuropeptides, 1999, 33, 212-215.	2.2	52

#	Article	IF	Citations
37	Glucagon-like peptide-1 (7â€“36) amide as a novel neuropeptide. Molecular Neurobiology, 1998, 18, 157-173.	4.0	29
38	Glucagon-Like Peptide-1-(7â€“36)Amide Increases Pulmonary Surfactant Secretion through a Cyclic Adenosine 3â€²,5â€²-Monophosphate-Dependent Protein Kinase Mechanism in Rat Type II Pneumocytes*. Endocrinology, 1998, 139, 2363-2368.	2.8	42
39	Glucagon-Like Peptide-1-(7-36)Amide Increases Pulmonary Surfactant Secretion through a Cyclic Adenosine 3',5'-Monophosphate-Dependent Protein Kinase Mechanism in Rat Type II Pneumocytes. Endocrinology, 1998, 139, 2363-2368.	2.8	17
40	Interactions of exendin-(9â€“39) with the effects of glucagon-like peptide-1-(7â€“36) amide and of exendin-4 on arterial blood pressure and heart rate in rats. Regulatory Peptides, 1996, 67, 63-68.	1.9	104
41	Expression of the Glucagonâ€Like Peptideâ€1 Receptor Gene in Rat Brain. Journal of Neurochemistry, 1996, 66, 920-927.	3.9	160
42	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
43	Insulin-Induced Proteolysis of the Insulin Receptor alpha-Subunit from Rat Liver does not Occur in vivo but is Prevented in vitro by Blood Serum Proteinase Inhibitors. FEBS Journal, 1995, 232, 747-754.	0.2	2
44	Evidence That Circadian Variations of Circulating Melatonin Levels in Fetal and Suckling Rats Are Dependent on Maternal Melatonin Transfer. Neuroendocrinology, 1992, 55, 321-326.	2.5	31
45	Insulin induces a similar reduction in the concentrations of its own receptor and of an insulin-sensitive glycosyl-phosphatidylinositol in isolated rat hepatocytes. FEBS Letters, 1989, 258, 281-284.	2.8	8
46	Characterization of glucacon receptors in Golgi fractions of fetal rat liver. FEBS Letters, 1987, 222, 256-260.	2.8	1
47	Characterization of glucagon receptors in liver membranes and isolated hepatocytes during rat ontogenic development. Molecular and Cellular Endocrinology, 1987, 49, 149-157.	3.2	11
48	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
49	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
50	Glucagon-like peptide-1 does not have a role in hepatic carbohydrate metabolism. Diabetologia, 1985, 28, 920-921.	6.3	46
51	Changes in adenylate cyclase and phosphodiesterase activities during the growth cycle of adult rat hepatocytes in primary culture. Archives of Biochemistry and Biophysics, 1984, 232, 679-684.	3.0	3
52	Direct Evidence of a Glucagon-Dependent Regulation of the Concentration of Glucagon Receptors in the Liver. FEBS Journal, 1982, 121, 671-677.	0.2	29
53	Development of Insulin and Glucagon Binding and the Adenylate Cyclase Response in Liver Membranes of the Prenatal, Postnatal, and Adult Rat: Evidence of Glucagon â€œResistanceâ€. Endocrinology, 1976, 98, 1014-1023.	2.8	144
54	The Synthesis and Release of Insulin in Fetal, Nursing and Young Adult Rats: Studies in Vivo and in Vitro. Pediatric Research, 1975, 9, 17-25.	2.3	34

#	Article	IF	Citations
55	The Synthesis and Release of Insulin in Fetal, Nursing and Young Adult Rats. Pediatric Research, 1975, 9, 17-25.	2.3	26
56	The effect of placental lactogen (HPL) on insulin secretion in rabbits. Life Sciences, 1972, 11, 25-30.	4.3	2
57	Transfer of insulin into the bile in rabbit late pregnancy. Acta Diabetologica, 1971, 8, 469-478.	2.5	2
58	Passing of Insulin from Plasma into the Bile.. Experimental Biology and Medicine, 1967, 125, 939-941.	2.4	2