Enrique Blazquez

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.

56 papers	2,120 citations	23 h-index	45 g-index
59 ext. papers	2,311 ext. citations	5.4 avg, IF	4.18 L-index

#	Paper	IF	Citations
56	High-fat diet alters PAS kinase regulation by fasting and feeding in liver. *Journal of Nutritional Biochemistry*, **2018**, 57, 14-25	6.3	9
55	Insulin in the brain: its pathophysiological implications for States related with central insulin resistance, type 2 diabetes and Alzheimer's disease. *Frontiers in Endocrinology*, **2014**, 5, 161	5.7	278
54	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, 314-26	6.2	19
53	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, 904-20	6.2	15
52	Insulin-receptor substrate-2 (irs-2) is required for maintaining glucokinase and glucokinase regulatory protein expression in mouse liver. *PLoS ONE*, **2013**, 8, e58797	3.7	11
51	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, 242-50	6.2	2
50	Influence of Ehucleation on polymorphism and properties in random copolymers and terpolymers of propylene. *Polymer Engineering and Science*, **2012**, 52, 2285-2295	2.3	9
49	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, 348-61	6.2	29
48	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, E494-503	6	3
47	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, 183-93	6.2	12
46	Glucokinase and glucokinase regulatory proteins are functionally coexpressed before birth in the rat brain. *Journal of Neuroendocrinology*, **2009**, 21, 973-81	3.8	11
45	Influence of germination with different selenium solutions on nutritional value and cytotoxicity of lupin seeds. *Journal of Agricultural and Food Chemistry*, **2009**, 57, 1319-25	5.7	17
44	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, 40-8	12.7	21
43	Effects of glucose and insulin on glucokinase activity in rat hypothalamus. *Journal of Endocrinology*, **2007**, 193, 259-67	4.7	17
42	25-Hydroxycholesterol has a dual effect on the proliferation of cultured rat astrocytes. *Neuropharmacology*, **2006**, 51, 229-37	5.5	18
41	Effects of novel maturity-onset diabetes of the young (MODY)-associated mutations on glucokinase activity and protein stability. *Biochemical Journal*, **2006**, 393, 389-96	3.8	44
40	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	6	183

39	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	4.7	15
38	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, 221-31	4.7	16
37	Expression of glucose transporter isoform GLUT-2 and glucokinase genes in human brain. *Journal of Neurochemistry*, **2004**, 88, 1203-10	6	44
36	Thermal and conductivity properties of poly(ethylene glycol)-based cyclopolymers. *Journal of Materials Chemistry*, **2004**, 14, 2524		11
35	Glucagon-like peptide-2 stimulates the proliferation of cultured rat astrocytes. *FEBS Journal*, **2003**, 270, 3001-9		36
34	Expression of glucose transporter-2, glucokinase and mitochondrial glycerolphosphate dehydrogenase in pancreatic islets during rat ontogenesis. *FEBS Journal*, **2002**, 269, 119-27		12
33	Evidence that glucokinase regulatory protein is expressed and interacts with glucokinase in rat brain. *Journal of Neurochemistry*, **2002**, 80, 45-53	6	54
32	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, 662-7	4.6	12
31	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, 514-20		6
30	Glucagon-like peptide-1(7-36) amide stimulates surfactant secretion in human type II pneumocytes. *American Journal of Respiratory and Critical Care Medicine*, **2001**, 163, 840-6	10.2	36
29	Functional glucokinase isoforms are expressed in rat brain. *Journal of Neurochemistry*, **2000**, 74, 1848-576		66
28	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, 709-17	12.7	133
27	Neural contribution to the effect of glucagon-like peptide-1-(7-36) amide on arterial blood pressure in rats. *American Journal of Physiology - Endocrinology and Metabolism*, **1999**, 277, E784-91	6	62
26	Coexpression of glucagon-like peptide-1 (GLP-1) receptor, vasopressin, and oxytocin mRNAs in neurons of the rat hypothalamic supraoptic and paraventricular nuclei: effect of GLP-1(7-36)amide on vasopressin and oxytocin release. *Journal of Neurochemistry*, **1999**, 72, 10-6	6	30
25	Increased glucagon-like peptide-1 receptor expression in glia after mechanical lesion of the rat brain. *Neuropeptides*, **1999**, 33, 212-5	3.3	44
24	Glucagon-like peptide-1 (7-36) amide as a novel neuropeptide. *Molecular Neurobiology*, **1998**, 18, 157-73	6.2	22
23	Glucagon-like peptide-1-(7-36)amide increases pulmonary surfactant secretion through a cyclic adenosine 3Ţ5Ŧmonophosphate-dependent protein kinase mechanism in rat type II pneumocytes. *Endocrinology*, **1998**, 139, 2363-8	4.8	38
22	Insulin promotes the hydrolysis of a glycosyl phosphatidylinositol in cultured rat astroglial cells. *Journal of Neurochemistry*, **1997**, 68, 10-9	6	8

21	Expression of the glucagon-like peptide-1 receptor gene in rat brain. *Journal of Neurochemistry*, **1996**, 66, 920-7	6	132
20	Colocalization of glucagon-like peptide-1 (GLP-1) receptors, glucose transporter GLUT-2, and glucokinase mRNAs in rat hypothalamic cells: evidence for a role of GLP-1 receptor agonists as an inhibitory signal for food and water intake. *Journal of Neurochemistry*, **1996**, 67, 1982-91	6	169
19	Interactions of exendin-(9-39) with the effects of glucagon-like peptide-1-(7-36) amide and of exendin-4 on arterial blood pressure and heart rate in rats. *Regulatory Peptides*, **1996**, 67, 63-8		100
18	Structural characterization by affinity cross-linking of glucagon-like peptide-1(7-36)amide receptor in rat brain. *Journal of Neurochemistry*, **1995**, 64, 299-306	6	34
17	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		1
16	Evidence that circadian variations of circulating melatonin levels in fetal and suckling rats are dependent on maternal melatonin transfer. *Neuroendocrinology*, **1992**, 55, 321-6	5.6	29
15	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, 281-4	3.8	7
14	Characterization of glucagon receptors in Golgi fractions of fetal rat liver. *FEBS Letters*, **1987**, 222, 256-60	3.8	1
13	Characterization of glucagon receptors in liver membranes and isolated hepatocytes during rat ontogenic development. *Molecular and Cellular Endocrinology*, **1987**, 49, 149-57	4.4	11
12	Direct evidence that insulin does not down-regulate its own receptors in circulating monocytes of human newborns. *Diabetologia*, **1987**, 30, 820-2	10.3	2
11	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	3.4	9
10	Glucagon-like peptide-1 does not have a role in hepatic carbohydrate metabolism. *Diabetologia*, **1985**, 28, 920-1	10.3	44
9	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, 679-84	4.1	3
8	Direct evidence of a glucagon-dependent regulation of the concentration of glucagon receptors in the liver. *FEBS Journal*, **1982**, 121, 671-7		26
7	Development of insulin and glucagon binding and the adenylate cyclase response in liver membranes of the prenatal, postnatal, and adult rat: evidence of glucagon "resistance". *Endocrinology*, **1976**, 98, 1014-23	4.8	133
6	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	3.2	29
5	The Synthesis and Release of Insulin in Fetal, Nursing and Young Adult Rats. *Pediatric Research*, **1975**, 9, 17-25	3.2	23
4	The effect of placental lactogen (HPL) on insulin secretion in rabbits. *Life Sciences*, **1972**, 11, 25-30	6.8	0

3	Transfer of insulin into the bile in rabbit late pregnancy. *Acta Diabetologica*, **1971**, 8, 469-78	3.9	1
2	Passing of insulin from plasma into the bile. *Experimental Biology and Medicine*, **1967**, 125, 939-41	3.7	2
1	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		17