Juan R ViÃ±a

List of Publications by Year
in descending order

96 papers	3,561 citations	168829 31 h-index	162838 57 g-index
99 all docs	99 docs citations	99 times ranked	5040 citing authors

#	Article	IF	Citations
1	Cleavage and activation of LIM kinase 1 as a novel mechanism for calpain 2-mediated regulation of nuclear dynamics. Scientific Reports, 2021, 11, 16339.	1.6	5
2	Editorial: Organization and Functional Properties of the Blood-Brain Barrier. Frontiers in Physiology, 2021, 12, 796030.	1.3	1
3	Role of Vitamin A in Mammary Gland Development and Lactation. Nutrients, 2020, 12, 80.	1.7	38
4	From genetics to epigenetics to unravel the etiology of adolescent idiopathic scoliosis. Bone, 2020, 140, 115563.	1.4	33
5	Vitamin A Deficiency and the Lung. Nutrients, 2018, 10, 1132.	1.7	111
6	New localization and function of calpain-2 in nucleoli of colorectal cancer cells in ribosomal biogenesis: effect of KRAS status. Oncotarget, 2018, 9, 9100-9113.	0.8	4
7	How Glutamate Is Managed by the Bloodâ€“Brain Barrier. Biology, 2016, 5, 37.	1.3	55
8	Isoform-specific function of calpains in cell adhesion disruption: studies in postlactational mammary gland and breast cancer. Biochemical Journal, 2016, 473, 2893-2909.	1.7	7
9	184 Involvement of calpains in cell migration in different breast cancer cell lines. European Journal of Cancer, 2015, 51, S24.	1.3	1
10	Involvement of Different networks in mammary gland involution after the pregnancy/lactation cycle: Implications in breast cancer. IUBMB Life, 2015, 67, 227-238.	1.5	21
11	Differential functions of calpain 1 during epithelial cell death and adipocyte differentiation in mammary gland involution. Biochemical Journal, 2014, 459, 355-368.	1.7	15
12	P674Metabolic deregulation in myocardial infarction is mediated by PGC-1 alpha pathway. Cardiovascular Research, 2014, 103, S123.6-S123.	1.8	0
13	In vivo genome-wide binding of Id2 to E2F4 target genes as part of a reversible program in mice liver. Cellular and Molecular Life Sciences, 2014, 71, 3583-3597.	2.4	7
14	Metabolomics in the Diagnosis of Acute Myocardial Ischemia. Journal of Cardiovascular Translational Research, 2013, 6, 808-815.	1.1	27
15	Calpains mediate epithelial-cell death during mammary gland involution: mitochondria and lysosomal destabilization. Cell Death and Differentiation, 2012, 19, 1536-1548.	5.0	58
16	Evaluation of the Quality of Publications on Randomized Clinical Trials Using the Consolidated Standards of Reporting Trials (CONSORT) Statement Guidelines in a Spanish Tertiary Hospital. Journal of Clinical Pharmacology, 2012, 52, 1106-1114.	1.0	6
17	Metabolomic Profile of Human Myocardial Ischemia by Nuclear Magnetic Resonance Spectroscopy of Peripheral Blood Serum. Journal of the American College of Cardiology, 2012, 59, 1629-1641.	1.2	84
18	NF-Ä¸B as Node for Signal Amplification During Weaning. Cellular Physiology and Biochemistry, 2011, 28, 833-846.	1.1	8

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19	Nitric oxide triggers mammary gland involution after weaning: remodelling is delayed but not impaired in mice lacking inducible nitric oxide synthase. Biochemical Journal, 2010, 428, 451-462.	1.7	15
20	Glutamate permeability at the blood-brain barrier in insulinopenic and insulin-resistant rats. Metabolism: Clinical and Experimental, 2010, 59, 258-266.	1.5	13
21	Circulating mononuclear cells nuclear factorâ€kappa B activity, plasma xanthine oxidase, and low grade inflammatory markers in adult patients with familial hypercholesterolaemia. European Journal of Clinical Investigation, 2010, 40, 89-94.	1.7	36
22	Molecular mechanisms of Id2 down-regulation in rat liver after acetaminophen overdose. Protection by N-acetyl-L-cysteine. Free Radical Research, 2010, 44, 1044-1053.	1.5	4
23	Triple-negative breast cancer: Molecular features, pathogenesis, treatment and current lines of research. Cancer Treatment Reviews, 2010, 36, 206-215.	3.4	228
24	Increased plasma xanthine oxidase activity is related to nuclear factor kappa beta activation and inflammatory markers in familial combined hyperlipidemia. Nutrition, Metabolism and Cardiovascular Diseases, 2010, 20, 734-739.	1.1	29
25	In vivo GSH depletion induces c-myc expression by modulation of chromatin protein complexes. Free Radical Biology and Medicine, 2009, 46, 1534-1542.	1.3	18
26	241 IN VIVO GSH DEPLETION INDUCES C-MYC EXPRESSION BY MODULATION OF CHROMATIN PROTEIN COMPLEXES. Journal of Hepatology, 2009, 50, S97.	1.8	0
27	Nitration of cathepsin D enhances its proteolytic activity during mammary gland remodelling after lactation. Biochemical Journal, 2009, 419, 279-288.	1.7	27
28	Retinoids induce MMP-9 expression through RARÎ± during mammary gland remodeling. American Journal of Physiology - Endocrinology and Metabolism, 2007, 292, E1140-E1148.	1.8	30
29	SIRT1 regulation of insulin-signalling pathways in liver, white adipose tissue and pancreas during fasting or calorie restriction. Trends in Endocrinology and Metabolism, 2007, 18, 91-92.	3.1	4
30	Pyroglutamate stimulates Na+-dependent glutamate transport across the blood-brain barrier. FEBS Letters, 2006, 580, 4382-4386.	1.3	11
31	Id2 leaves the chromatin of the E2F4â€"p130-controlled c-myc promoter during hepatocyte priming for liver regeneration. Biochemical Journal, 2006, 398, 431-437.	1.7	37
32	Structure of the Bloodâ€"Brain Barrier and Its Role in the Transport of Amino Acids. Journal of Nutrition, 2006, 136, 218S-226S.	1.3	358
33	Cationic amino acid transport across the blood-brain barrier is mediated exclusively by system y+. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E412-E419.	1.8	89
34	Role of GSH in the modulation of NOS-2 expression in the weaned mammary gland. Biochemical Society Transactions, 2005, 33, 1397-1398.	1.6	0
35	Weaning induces NOS-2 expression through NF-ÎºB modulation in the lactating mammary gland: importance of GSH. Biochemical Journal, 2005, 391, 581-588.	1.7	24
36	Vitamin E deficiency induces liver nuclear factor-ÎºB DNA-binding activity and changes in related genes. Free Radical Research, 2005, 39, 1127-1138.	1.5	33

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37	Na+-dependent neutral amino acid transporters A, ASC, and N of the blood-brain barrier: mechanisms for neutral amino acid removal. American Journal of Physiology - Endocrinology and Metabolism, 2004, 287, E622-E629.	1.8	48
38	Glutathione Regulates Telomerase Activity in 3T3 Fibroblasts. Journal of Biological Chemistry, 2004, 279, 34332-34335.	1.6	69
39	Retinol, at concentrations greater than the physiological limit, induces oxidative stress and apoptosis in human dermal fibroblasts. Experimental Dermatology, 2004, 13, 45-54.	1.4	39
40	Vitamin E activates CRABP-II gene expression in cultured human fibroblasts, role of protein kinase C. FEBS Letters, 2004, 569, 240-244.	1.3	15
41	In vivo studies of altered expression patterns of p53 and proliferative control genes in chronic vitamin A deficiency and hypervitaminosis. FEBS Journal, 2003, 270, 1493-1501.	0.2	17
42	Inhibition of liver trans-sulphuration pathway by propargylglycine mimics gene expression changes found in the mammary gland of weaned lactating rats: role of glutathione. Biochemical Journal, 2003, 373, 825-834.	1.7	19
43	Mitochondrial oxidative stress and CD95 ligand: A dual mechanism for hepatocyte apoptosis in chronic alcoholism. Hepatology, 2002, 35, 1205-1214.	3.6	110
44	The Complementary Membranes Forming the Blood-Brain Barrier. IUBMB Life, 2002, 54, 101-107.	1.5	54
45	Blood sulfur-amino acid concentration reflects an impairment of liver transsulfuration pathway in patients with acute abdominal inflammatory processes. British Journal of Nutrition, 2001, 85, 173-178.	1.2	6
46	Na+ dependent glutamate transporters (EAAT1, EAAT2, and EAAT3) in primary astrocyte cultures: effect of oxidative stress. Brain Research, 2001, 922, 21-29.	1.1	79
47	Vitamin A deficiency causes oxidative damage to liver mitochondria in rats. Free Radical Biology and Medicine, 2000, 29, 1-7.	1.3	37
48	Oxidative damage to mitochondrial DNA and glutathione oxidation in apoptosis: studies<i>in vivo</i>and<i>in vitro</i>. FASEB Journal, 1999, 13, 1055-1064.	0.2	171
49	Elevated Expression of Liver Î³-Cystathionase Is Required for the Maintenance of Lactation in Rats. Journal of Nutrition, 1999, 129, 928-933.	1.3	32
50	Chronic ethanol feeding causes oxidative stress in rat liver mitochondria. Prevention by S-adenosyl methionine. Free Radical Research, 1999, 30, 325-327.	1.5	22
51	Homocysteine and fibrinolysis in acute occlusive coronary events. Lancet, The, 1999, 354, 1475.	6.3	0
52	Na+-dependent Glutamate Transporters (EAAT1, EAAT2, and EAAT3) of the Blood-Brain Barrier. Journal of Biological Chemistry, 1999, 274, 31891-31895.	1.6	242
53	The L-glutamate transporters GLAST (EAAT1) and GLT-1 (EAAT2): Expression and regulation in rat lactating mammary gland. Molecular Membrane Biology, 1998, 15, 237-242.	2.0	23
54	Glutamine transport by the blood-brain barrier: a possible mechanism for nitrogen removal. American Journal of Physiology - Cell Physiology, 1998, 274, C1101-C1107.	2.1	163

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55	Liver intracellular L-cysteine concentration is maintained after inhibition of the trans-sulfuration pathway by propargylglycine in rats. British Journal of Nutrition, 1997, 78, 823-831.	1.2	31
56	Effect of nitrous oxide and propofol on amino acid metabolism in neoplasic patients. Nutrition and Cancer, 1997, 27, 80-83.	0.9	18
57	Comparison of the metabolic disturbances caused by end-to-side and side-to-side portacaval shunts. Journal of Applied Physiology, 1996, 80, 885-891.	1.2	12
58	Increased sensitivity to oxidative injury in chinese hamster ovary cells stably transfected with rat liver S-adenosylmethionine synthetase cDNA. Biochemical Journal, 1996, 319, 767-773.	1.7	33
59	Role of Oxoproline in the Regulation of Neutral Amino Acid Transport across the Blood-Brain Barrier. Journal of Biological Chemistry, 1996, 271, 19129-19133.	1.6	51
60	Biosynthesis and maintenance of GSH in primary astrocyte cultures: role ofl-cystine and ascorbate. Brain Research, 1995, 680, 157-163.	1.1	49
61	Hepatic Amino Acid Uptake Is Decreased in Lactating Rats. In Vivo and In Vitro Studies. Journal of Nutrition, 1994, 124, 2163-2171.	1.3	4
62	Optimizing the measurement of regional cerebral glucose consumption with [6-14C]glucose. Journal of Neuroscience Methods, 1994, 54, 49-62.	1.3	8
63	Glutathione metabolism in primary astrocyte cultures: flow cytometric evidence of heterogeneous distribution of GSH content. Brain Research, 1993, 618, 181-189.	1.1	34
64	Impairment of cysteine synthesis from methionine in rats exposed to surgical stress. British Journal of Nutrition, 1992, 68, 421-429.	1.2	37
65	Brain Energy Consumption in Ethanol-Treated, Long-Evans Rats. Journal of Nutrition, 1991, 121, 879-886.	1.3	10
66	Amino acid metabolism and protein synthesis in lactating rats fed on a liquid diet. Biochemical Journal, 1990, 270, 77-82.	1.7	17
67	Early establishment of cerebral dysfunction after portacaval shunting. American Journal of Physiology - Endocrinology and Metabolism, 1990, 259, E104-E110.	1.8	18
68	Inhibition of Î³-glutamyl transpeptidase decreases amino acid uptake in human keratinocytes in culture. FEBS Letters, 1990, 269, 86-88.	1.3	12
69	Oral glutathione increases hepatic glutathione and prevents acetaminophen toxicity. , 1990, , 724-729.		0
70	Regulation of the Urea Cycle during Lactation. , 1990, , 291-294.		0
71	Role of the gamma-glutamyl cycle in the regulation of amino acid translocation. American Journal of Physiology - Endocrinology and Metabolism, 1989, 257, E916-E922.	1.8	16
72	Glutathione depletion by hyperphagia-induced obesity. Life Sciences, 1989, 45, 183-187.	2.0	28

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73	Effect of oral glutathione on hepatic glutathione levels in rats and mice. British Journal of Nutrition, 1989, 62, 683-691.	1.2	57
74	Effect of glutathione depletion by treatment with substrates of the glutathione S-transferases on gluconeogenesis and phosphoenolpyruvate recycling in rat hepatocytes. Biochemical Society Transactions, 1987, 15, 223-224.	1.6	0
75	Effect of Fasting on Amino Acid Metabolism by Lactating Mammary Gland: Studies in Women and Rats. Journal of Nutrition, 1987, 117, 533-538.	1.3	23
76	Glutathione metabolism under the influence of hydroperoxides in the lactating mammary gland of the rat. Effect of glucose and extracellular ATP. Bioscience Reports, 1987, 7, 23-31.	1.1	4
77	Are the Î³-glutamyl-amino acids signals for the amino acid uptake by lactating mammary gland?. Biochemical Society Transactions, 1986, 14, 311-312.	1.6	3
78	Role of oxoproline in amino acid transfer in placenta and lactating mammary gland. Biochemical Society Transactions, 1986, 14, 1056-1057.	1.6	1
79	The Influence of Nitrous Oxide on Methionine, S-adenosylmethionine, and Other Amino Acids. Anesthesiology, 1986, 64, 490-495.	1.3	20
80	Decreased urea synthesis in cafeteria diet-induced hyperphagia. Biochemical Society Transactions, 1985, 13, 743-744.	1.6	0
81	Blood flow and net amino acid uptake by the lactating mammary gland: effect of starvation. Biochemical Society Transactions, 1985, 13, 876-877.	1.6	9
82	Glucose formation from methylglyoxal in rat hepatocytes. Biochemical Society Transactions, 1985, 13, 945-946.	1.6	5
83	Gamma-Glutamyl-Amino Acids as Signals for the Hormonal Regulation of Amino Acid Uptake by the Mammary Gland of the Lactating Rat. Neonatology, 1985, 48, 250-256.	0.9	12
84	Decreased urea synthesis in cafeteria-diet-induced obesity in the rat. Biochemical Journal, 1985, 230, 675-681.	1.7	62
85	Cerebral glucose use measured with [14C]glucose labeled in the 1, 2, or 6 position. American Journal of Physiology - Cell Physiology, 1985, 248, C170-C176.	2.1	165
86	Aerobic Glycolysis by the Pituitary Gland In Vivo. Journal of Neurochemistry, 1984, 42, 1479-1482.	2.1	13
87	Effect of specific inhibition of gamma-glutamyl transpeptidase on amino acid uptake by mammary gland of the lactating rat. FEBS Letters, 1983, 159, 119-122.	1.3	10
88	Effect of starvation and refeeding on amino acid uptake by mammary gland of the lactating rat. Role of ketone bodies. Biochemical Journal, 1983, 216, 343-347.	3.2	16
89	Effects of inhibition of protein synthesis by cycloheximide on lipogenesis in mammary gland and liver of lactating rats. Biochemical Journal, 1982, 204, 417-423.	3.2	8
90	Role of prolactin in amino acid uptake by the lactating mammary gland of the rat. FEBS Letters, 1981, 126, 250-252.	1.3	42

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91	Involvement of Î³-glutamyltransferase in amino-acid uptake by the lactating mammary gland of the rat. Biochemical Journal, 1981, 194, 99-102.	1.7	41
92	Effects of lactation on <scp>l</scp>-leucine metabolism in the rat. Studies <i>in vivo</i> and <i>in vitro</i>. Biochemical Journal, 1981, 194, 941-947.	1.7	29
93	Utilization of l-alanine and l-glutamine by lactating mammary gland of the rat. A role for l-alanine as a lipogenic precursor. Biochemical Journal, 1981, 196, 757-762.	1.7	18
94	Effect of premature weaning on amino acid uptake by the mammary gland of lactating rats. Biochemical Journal, 1981, 200, 705-708.	1.7	35
95	Control of amino acid uptake by the lactating mammary gland of the rat. Biochemical Society Transactions, 1981, 9, 392-392.	1.6	2
96	Effect of acetaminophen (paracetamol) and its antagonists on glutathione (GSH) content in rat liver. Biochemical Pharmacology, 1980, 29, 1968-1970.	2.0	25