

Jorgete Constantin

List of Publications by Year in descending order

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55
papers

1,109
citations

394421

19
h-index

434195

31
g-index

56
all docs

56
docs citations

56
times ranked

1544
citing authors

#	ARTICLE	IF	CITATIONS
1	Chlorogenic acid reduces the plasma glucose peak in the oral glucose tolerance test: effects on hepatic glucose release and glycaemia. <i>Cell Biochemistry and Function</i> , 2008, 26, 320-328.	2.9	193
2	Hepatic zonation of carbon and nitrogen fluxes derived from glutamine and ammonia transformations. <i>Journal of Biomedical Science</i> , 2010, 17, 1.	7.0	90
3	Metabolic effects of silibinin in the rat liver. <i>Chemico-Biological Interactions</i> , 2012, 195, 119-132.	4.0	61
4	Effects of methionine supplementation on the redox state of acute heat stress-exposed quails. <i>Journal of Animal Science</i> , 2014, 92, 806-815.	0.5	50
5	Molecular mechanisms of citrus flavanones on hepatic gluconeogenesis. <i>Farmacoterapia</i> , 2014, 92, 148-162.	2.2	39
6	Sex differences in the development of hepatic steatosis in cafeteria diet-induced obesity in young mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 2495-2509.	3.8	35
7	The actions of fisetin on glucose metabolism in the rat liver. <i>Cell Biochemistry and Function</i> , 2010, 28, 149-158.	2.9	32
8	Actions of quercetin on gluconeogenesis and glycolysis in rat liver. <i>Xenobiotica</i> , 2003, 33, 903-911.	1.1	30
9	Metabolic effects of p-coumaric acid in the perfused rat liver. <i>Journal of Biochemical and Molecular Toxicology</i> , 2006, 20, 18-26.	3.0	28
10	Effect of fipronil on energy metabolism in the perfused rat liver. <i>Toxicology Letters</i> , 2015, 236, 34-42.	0.8	28
11	The urea cycle and related pathways in the liver of Walker-256 tumor-bearing rats. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2004, 1688, 187-196.	3.8	25
12	The Action of Quercetin on the Mitochondrial NADH to NAD+ Ratio in the Isolated Perfused Rat Liver. <i>Planta Medica</i> , 2005, 71, 1118-1122.	1.3	25
13	The photodynamic and direct actions of methylene blue on mitochondrial energy metabolism: A balance of the useful and harmful effects of this photosensitizer. <i>Free Radical Biology and Medicine</i> , 2020, 153, 34-53.	2.9	25
14	Long-chain fatty acid uptake and oxidation in the perfused liver of Walker-256 tumour-bearing rats. <i>Liver</i> , 2002, 22, 341-349.	0.1	22
15	Zonation of gluconeogenesis from lactate and pyruvate in the rat liver studied by means of anterograde and retrograde bivascular perfusion. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1994, 1199, 298-304.	2.4	21
16	Metabolic effects of carbenoxolone in rat liver. <i>Journal of Biochemical and Molecular Toxicology</i> , 2006, 20, 230-240.	3.0	21
17	Melatonin protects female rats against steatosis and liver oxidative stress induced by oestrogen deficiency. <i>Life Sciences</i> , 2016, 157, 178-186.	4.3	21
18	Hepatic metabolism of meal-fed rats: Studies in vivo and in the isolated perfused liver. <i>Physiology and Behavior</i> , 1990, 48, 247-253.	2.1	20

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19	Prooxidant activity of fisetin: Effects on energy metabolism in the rat liver. <i>Journal of Biochemical and Molecular Toxicology</i> , 2011, 25, 117-126.	3.0	20
20	Hepatic heterogeneity in the response to ATP studied in the bivascularly perfused rat liver. <i>Molecular and Cellular Biochemistry</i> , 1998, 179, 35-48.	3.1	17
21	Glucose and glycogen catabolism in perfused livers of Walker-256 tumor-bearing rats and the response to hormones. <i>Pathophysiology</i> , 2002, 8, 175-182.	2.2	17
22	Citrus Flavanones Affect Hepatic Fatty Acid Oxidation in Rats by Acting as Prooxidant Agents. <i>BioMed Research International</i> , 2013, 2013, 1-12.	1.9	17
23	Action of quercetin on glycogen catabolism in the rat liver. <i>Xenobiotica</i> , 2003, 33, 587-602.	1.1	16
24	Effects of a new 1,3,4-thiadiazolium mesoionic compound, MI-D, on the acute inflammatory response. <i>Drug Development Research</i> , 2004, 61, 207-217.	2.9	16
25	Zonation of the action of glucagon on gluconeogenesis studied in the bivascularly perfused rat liver. <i>FEBS Letters</i> , 1994, 352, 24-26.	2.8	15
26	Catabolism of amino acids in livers from cafeteria-fed rats. <i>Molecular and Cellular Biochemistry</i> , 2013, 373, 265-277.	3.1	15
27	Cafeteria Diet Feeding in Young Rats Leads to Hepatic Steatosis and Increased Gluconeogenesis under Fatty Acids and Glucagon Influence. <i>Nutrients</i> , 2018, 10, 1571.	4.1	15
28	Bivascular liver perfusion in the anterograde and retrograde modes: Zonation of the response to inhibitors of oxidative phosphorylation. <i>Cell Biochemistry and Function</i> , 1995, 13, 201-209.	2.9	14
29	The action of glucagon infused via the hepatic artery in anterograde and retrograde perfusion of the rat liver is not a function of the accessible cellular spaces. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1995, 1244, 169-178.	2.4	14
30	The acute effects of citrus flavanones on the metabolism of glycogen and monosaccharides in the isolated perfused rat liver. <i>Toxicology Letters</i> , 2018, 291, 158-172.	0.8	13
31	Transformation products of extracellular NAD ⁺ in the rat liver: kinetics of formation and metabolic action. <i>Molecular and Cellular Biochemistry</i> , 2008, 307, 41-50.	3.1	11
32	Effects of ranolazine on fatty acid transformation in the isolated perfused rat liver. <i>Molecular and Cellular Biochemistry</i> , 2010, 345, 35-44.	3.1	11
33	The relation between inhibition of glycolysis and stimulation of oxygen uptake due to glucagon in livers from rats in different metabolic conditions. <i>Cell Biochemistry and Function</i> , 1988, 6, 225-230.	2.9	10
34	Transport of cyclic AMP and synthetic analogs in the perfused rat liver. <i>Biochemical Pharmacology</i> , 2000, 59, 1187-1201.	4.4	10
35	Heterogenic response of the liver parenchyma to ethanol studied in the bivascularly perfused rat liver. <i>Molecular and Cellular Biochemistry</i> , 2004, 258, 155-162.	3.1	10
36	Metabolic fluxes in the liver of rats bearing the Walker-256 tumour: influence of the circulating levels of substrates and fatty acids. <i>Cell Biochemistry and Function</i> , 2008, 26, 51-63.	2.9	10

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37	Production, Uptake, and Metabolic Effects of Cyclic AMP in the Bivascularly Perfused Rat Liver. <i>Biochemical Pharmacology</i> , 1997, 54, 1115-1125.	4.4	9
38	Liver parenchyma heterogeneity in the response to extracellular NAD ⁺ . <i>Cell Biochemistry and Function</i> , 2006, 24, 313-325.	2.9	9
39	The action of extracellular NAD ⁺ on gluconeogenesis in the perfused rat liver. <i>Molecular and Cellular Biochemistry</i> , 2006, 286, 115-124.	3.1	8
40	Zonation of the action of ethanol on gluconeogenesis and ketogenesis studied in the bivascularly perfused rat liver. <i>Chemico-Biological Interactions</i> , 2009, 177, 89-95.	4.0	7
41	The Influence of Ca ²⁺ on the Effects of Glucagon on Hepatic Glycolysis. <i>General Pharmacology</i> , 1998, 30, 655-662.	0.7	6
42	Effects of norepinephrine on the metabolism of fatty acids with different chain lengths in the perfused rat liver. <i>Molecular and Cellular Biochemistry</i> , 2000, 205, 13-23.	3.1	6
43	Enhanced cytotoxicity of imidacloprid by biotransformation in isolated hepatocytes and perfused rat liver. <i>Pesticide Biochemistry and Physiology</i> , 2020, 164, 183-190.	3.6	6
44	Effects of the nonsteroidal anti-inflammatory drug piroxicam on energy metabolism in the perfused rat liver. <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 1996, 113, 93-98.	0.5	5
45	The photosensitizer azure A disrupts mitochondrial bioenergetics through intrinsic and photodynamic effects. <i>Toxicology</i> , 2021, 455, 152766.	4.2	5
46	The hemodynamic effects of diltiazem in the isolated perfused rat liver are Ca ²⁺ -dependent. <i>Liver International</i> , 1999, 19, 145-150.	3.9	4
47	Acute heat stress and dietary methionine effects on IGF-I, GHR, and UCP mRNA expression in liver and muscle of quails. <i>Genetics and Molecular Research</i> , 2014, 13, 7294-7303.	0.2	4
48	Instant coffee extract with high chlorogenic acids content inhibits hepatic Ca ²⁺ -ATPase <i>in vitro</i> , but does not reduce the glycaemia. <i>Cell Biochemistry and Function</i> , 2015, 33, 183-187.	2.9	4
49	The Role of Mitochondria in Sex-Dependent Differences in Hepatic Steatosis and Oxidative Stress in Response to Cafeteria Diet-Induced Obesity in Mice. <i>Nutrients</i> , 2019, 11, 1618.	4.1	4
50	Hepatic heterogeneity in the response to AMP studied in the bivascularly perfused rat liver. <i>IUBMB Life</i> , 1998, 44, 693-702.	3.4	3
51	The role of Ca ²⁺ and hemodynamics in the action of diltiazem on hepatic energy metabolism. <i>Cell Biology and Toxicology</i> , 1999, 15, 217-227.	5.3	3
52	Zymosan-induced changes in glucose release and fatty acid oxidation in the perfused rat liver. <i>Journal of Biochemical and Molecular Toxicology</i> , 2000, 14, 252-261.	3.0	3
53	Regional heterogeneities in the production of uric acid from adenosine in the bivascularly perfused rat liver. <i>Molecular and Cellular Biochemistry</i> , 1999, 195, 207-217.	3.1	2
54	Kinetic mechanisms by which nickel alters the calcium (Ca ²⁺) transport in intact rat liver. <i>Journal of Biological Inorganic Chemistry</i> , 2021, 26, 641-658.	2.6	2

#	ARTICLE	IF	CITATIONS
55	The photodynamic and intrinsic effects of Azure B on mitochondrial bioenergetics and the consequences of its intrinsic effects on hepatic energy metabolism. Photodiagnosis and Photodynamic Therapy, 2021, 35, 102446.	2.6	1