Jorgete Constantin

List of Publications by Year
in descending order

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	The photosensitiser azure A disrupts mitochondrial bioenergetics through intrinsic and photodynamic effects. Toxicology, 2021, 455, 152766.	4.2	5
2	Kinetic mechanisms by which nickel alters the calcium (Ca2+) transport in intact rat liver. Journal of Biological Inorganic Chemistry, 2021, 26, 641-658.	2.6	2
3	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
4	Enhanced cytotoxicity of imidacloprid by biotransformation in isolated hepatocytes and perfused rat liver. Pesticide Biochemistry and Physiology, 2020, 164, 183-190.	3.6	6
5	The photodynamic and direct actions of methylene blue on mitochondrial energy metabolism: A balance of the useful and harmful effects of this photosensitizer. Free Radical Biology and Medicine, 2020, 153, 34-53.	2.9	25
6	The Role of Mitochondria in Sex-Dependent Differences in Hepatic Steatosis and Oxidative Stress in Response to Cafeteria Diet-Induced Obesity in Mice. Nutrients, 2019, 11, 1618.	4.1	4
7	The acute effects of citrus flavanones on the metabolism of glycogen and monosaccharides in the isolated perfused rat liver. Toxicology Letters, 2018, 291, 158-172.	0.8	13
8	Sex differences in the development of hepatic steatosis in cafeteria diet-induced obesity in young mice. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 2495-2509.	3.8	35
9	Cafeteria Diet Feeding in Young Rats Leads to Hepatic Steatosis and Increased Gluconeogenesis under Fatty Acids and Glucagon Influence. Nutrients, 2018, 10, 1571.	4.1	15
10	Melatonin protects female rats against steatosis and liver oxidative stress induced by oestrogen deficiency. Life Sciences, 2016, 157, 178-186.	4.3	21
11	Instant coffee extract with high chlorogenic acids content inhibits hepatic Gâ€6â€Pase <i>in vitro</i>, but does not reduce the glycaemia. Cell Biochemistry and Function, 2015, 33, 183-187.	2.9	4
12	Effect of fipronil on energy metabolism in the perfused rat liver. Toxicology Letters, 2015, 236, 34-42.	0.8	28
13	Acute heat stress and dietary methionine effects on IGF-I, GHR, and UCP mRNA expression in liver and muscle of quails. Genetics and Molecular Research, 2014, 13, 7294-7303.	0.2	4
14	Effects of methionine supplementation on the redox state of acute heat stressâ€“exposed quails1. Journal of Animal Science, 2014, 92, 806-815.	0.5	50
15	Molecular mechanisms of citrus flavanones on hepatic gluconeogenesis. FÃ¬toterapÃ¬Ã¢, 2014, 92, 148-162.	2.2	39
16	Catabolism of amino acids in livers from cafeteria-fed rats. Molecular and Cellular Biochemistry, 2013, 373, 265-277.	3.1	15
17	Citrus Flavanones Affect Hepatic Fatty Acid Oxidation in Rats by Acting as Prooxidant Agents. BioMed Research International, 2013, 2013, 1-12.	1.9	17
18	Metabolic effects of silibinin in the rat liver. Chemico-Biological Interactions, 2012, 195, 119-132.	4.0	61

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19	Prooxidant activity of fisetin: Effects on energy metabolism in the rat liver. Journal of Biochemical and Molecular Toxicology, 2011, 25, 117-126.	3.0	20
20	Effects of ranolazine on fatty acid transformation in the isolated perfused rat liver. Molecular and Cellular Biochemistry, 2010, 345, 35-44.	3.1	11
21	The actions of fisetin on glucose metabolism in the rat liver. Cell Biochemistry and Function, 2010, 28, 149-158.	2.9	32
22	Hepatic zonation of carbon and nitrogen fluxes derived from glutamine and ammonia transformations. Journal of Biomedical Science, 2010, 17, 1.	7.0	90
23	Zonation of the action of ethanol on gluconeogenesis and ketogenesis studied in the bivascularly perfused rat liver. Chemico-Biological Interactions, 2009, 177, 89-95.	4.0	7
24	Transformation products of extracellular NAD+ in the rat liver: kinetics of formation and metabolic action. Molecular and Cellular Biochemistry, 2008, 307, 41-50.	3.1	11
25	Metabolic fluxes in the liver of rats bearing the Walker-256 tumour: influence of the circulating levels of substrates and fatty acids. Cell Biochemistry and Function, 2008, 26, 51-63.	2.9	10
26	Chlorogenic acid reduces the plasma glucose peak in the oral glucose tolerance test: effects on hepatic glucose release and glycaemia. Cell Biochemistry and Function, 2008, 26, 320-328.	2.9	193
27	The action of extracellular NAD+ on gluconeogenesis in the perfused rat liver. Molecular and Cellular Biochemistry, 2006, 286, 115-124.	3.1	8
28	Liver parenchyma heterogeneity in the response to extracellular NAD+. Cell Biochemistry and Function, 2006, 24, 313-325.	2.9	9
29	Metabolic effects ofp-coumaric acid in the perfused rat liver. Journal of Biochemical and Molecular Toxicology, 2006, 20, 18-26.	3.0	28
30	Metabolic effects of carbenoxolone in rat liver. Journal of Biochemical and Molecular Toxicology, 2006, 20, 230-240.	3.0	21
31	The Action of Quercetin on the Mitochondrial NADH to NAD+Ratio in the Isolated Perfused Rat Liver. Planta Medica, 2005, 71, 1118-1122.	1.3	25
32	Heterogenic response of the liver parenchyma to ethanol studied in the bivascularly perfused rat liver. Molecular and Cellular Biochemistry, 2004, 258, 155-162.	3.1	10
33	Effects of a new 1,3,4-thiadiazolium mesoionic compound, MI-D, on the acute inflammatory response. Drug Development Research, 2004, 61, 207-217.	2.9	16
34	The urea cycle and related pathways in the liver of Walker-256 tumor-bearing rats. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2004, 1688, 187-196.	3.8	25
35	Actions of quercetin on gluconeogenesis and glycolysis in rat liver. Xenobiotica, 2003, 33, 903-911.	1.1	30
36	Action of quercetin on glycogen catabolism in the rat liver. Xenobiotica, 2003, 33, 587-602.	1.1	16

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37	Glucose and glycogen catabolism in perfused livers of Walker-256 tumor-bearing rats and the response to hormones. Pathophysiology, 2002, 8, 175-182.	2.2	17
38	Long-chain fatty acid uptake and oxidation in the perfused liver of Walker-256 tumour-bearing rats. Liver, 2002, 22, 341-349.	0.1	22
39	Zymosan-induced changes in glucose release and fatty acid oxidation in the perfused rat liver. Journal of Biochemical and Molecular Toxicology, 2000, 14, 252-261.	3.0	3
40	Transport of cyclic AMP and synthetic analogs in the perfused rat liver. Biochemical Pharmacology, 2000, 59, 1187-1201.	4.4	10
41	Effects of norepinephrine on the metabolism of fatty acids with different chain lengths in the perfused rat liver. Molecular and Cellular Biochemistry, 2000, 205, 13-23.	3.1	6
42	The hemodynamic effects of diltiazem in the isolated perfused rat liver are Ca2+-dependent. Liver International, 1999, 19, 145-150.	3.9	4
43	Regional heterogeneities in the production of uric acid from adenosine in the bivascularly perfused rat liver. Molecular and Cellular Biochemistry, 1999, 195, 207-217.	3.1	2
44	The role of Ca2+ and hemodynamics in the action of diltiazem on hepatic energy metabolism. Cell Biology and Toxicology, 1999, 15, 217-227.	5.3	3
45	Hepatic heterogeneity in the response to ATP studied in the bivascularly perfused rat liver. Molecular and Cellular Biochemistry, 1998, 179, 35-48.	3.1	17
46	Hepatic heterogeneity in the response to AMP studied in the bivascularly perfused rat liver. IUBMB Life, 1998, 44, 693-702.	3.4	3
47	The Influence of Ca2+ on the Effects of Glucagon on Hepatic Glycolysis. General Pharmacology, 1998, 30, 655-662.	0.7	6
48	Production, Uptake, and Metabolic Effects of Cyclic AMP in the Bivascularly Perfused Rat Liver. Biochemical Pharmacology, 1997, 54, 1115-1125.	4.4	9
49	Effects of the nonsteroidal anti-inflammatory drug piroxicam on energy metabolism in the perfused rat liver. Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology, 1996, 113, 93-98.	0.5	5
50	Bivascular liver perfusion in the anterograde and retrograde modes: Zonation of the response to inhibitors of oxidative phosphorylation. Cell Biochemistry and Function, 1995, 13, 201-209.	2.9	14
51	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. Biochimica Et Biophysica Acta - General Subjects, 1995, 1244, 169-178.	2.4	14
52	Zonation of gluconeogenesis from lactate and pyruvate in the rat liver studied by means of anterograde and retrograde bivascular perfusion. Biochimica Et Biophysica Acta - General Subjects, 1994, 1199, 298-304.	2.4	21
53	Zonation of the action of glucagon on gluconeogenesis studied in the bivascularly perfused rat liver. FEBS Letters, 1994, 352, 24-26.	2.8	15
54	Hepatic metabolism of meal-fed rats: Studies in vivo and in the isolated perfused liver. Physiology and Behavior, 1990, 48, 247-253.	2.1	20

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55	The relation between inhibition of glycolysis and stimulation of oxygen uptake due to glucagon in livers from rats in different metabolic conditions. Cell Biochemistry and Function, 1988, 6, 225-230.	2.9	10