Maria J Martins

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4100363/publications.pdf

Version: 2024-02-01

70	1,019	394421	501196
papers	citations	19	28
		h-index	g-index

71	71	71	1555
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	11Î²â€Hydroxysteroid dehydrogenase type 1: relevance of its modulation in the pathophysiology of obesity, the metabolic syndrome and type 2 diabetes mellitus. Diabetes, Obesity and Metabolism, 2012, 14, 869-881.	4.4	97
2	Metabolically Healthy Obesityâ€"Heterogeneity in Definitions and Unconventional Factors. Metabolites, 2020, 10, 48.	2.9	59
3	Oxidative stress in Phenylketonuria: future directions. Journal of Inherited Metabolic Disease, 2012, 35, 381-398.	3.6	47
4	Antihypertensive effect of spent brewer yeast peptide. Process Biochemistry, 2019, 76, 213-218.	3.7	42
5	Gut Microbiota, in the Halfway between Nutrition and Lung Function. Nutrients, 2021, 13, 1716.	4.1	41
6	Alkaline phosphatase from rat liver and kidney is differentially modulated. Clinical Biochemistry, 2001, 34, 463-468.	1.9	38
7	Autologous fat grafting: Harvesting techniques. Annals of Medicine and Surgery, 2018, 36, 212-218.	1.1	38
8	Inward transport of [³H]â€1â€methylâ€4â€phenylpyridinium in rat isolated hepatocytes: putative involvement of a Pâ€glycoprotein transporter. British Journal of Pharmacology, 1996, 119, 1519-1524.	5.4	35
9	Genetic disruption of NRF2 promotes the development of necroinflammation and liver fibrosis in a mouse model of HFE-hereditary hemochromatosis. Redox Biology, 2017, 11, 157-169.	9.0	35
10	Distinct modulation of alkaline phosphatase isoenzymes by 17Î²-estradiol and xanthohumol in breast cancer MCF-7 cells. Clinical Biochemistry, 2007, 40, 268-273.	1.9	34
11	Endoplasmic Reticulum Stress Response in Non-alcoholic Steatohepatitis: The Possible Role of Physical Exercise. Metabolism: Clinical and Experimental, 2015, 64, 780-792.	3.4	29
12	Modulation of hepatic redox status and mitochondrial metabolism by exercise: Therapeutic strategy for liver diseases. Mitochondrion, 2013, 13, 862-870.	3.4	27
13	Relevance of a Hypersaline Sodium-Rich Naturally Sparkling Mineral Water to the Protection against Metabolic Syndrome Induction in Fructose-Fed Sprague-Dawley Rats: A Biochemical, Metabolic, and Redox Approach. International Journal of Endocrinology, 2014, 2014, 1-17.	1.5	27
14	POSTNATAL DEVELOPMENT OF ORGANIC CATION TRANSPORT IN THE RAT LIVER. Pharmacological Research, 1998, 37, 131-136.	7.1	24
15	Acute Effect of Tea, Wine, Beer, and Polyphenols on ecto-Alkaline Phosphatase Activity in Human Vascular Smooth Muscle Cells. Journal of Agricultural and Food Chemistry, 2006, 54, 4982-4988.	5.2	22
16	Red Wine Protects against Ethanol-Induced Oxidative Stress in Rat Liver. Journal of Agricultural and Food Chemistry, 2009, 57, 6066-6073.	5.2	22
17	Maternal high-fat high-sucrose diet and gestational exercise modulate hepatic fat accumulation and liver mitochondrial respiratory capacity in mothers and male offspring. Metabolism: Clinical and Experimental, 2021, 116, 154704.	3.4	22
18	Characterization of rat heart alkaline phosphatase isoenzymes and modulation of activity. Brazilian Journal of Medical and Biological Research, 2008, 41, 600-609.	1.5	20

#	Article	IF	Citations
19	Physical exercise antagonizes clinical and anatomical features characterizing Lieber-DeCarli diet-induced obesity and related metabolic disorders. Clinical Nutrition, 2015, 34, 241-247.	5.0	20
20	Vitamin D metabolism in human adipose tissue: could it explain low vitamin D status in obesity?. Hormone Molecular Biology and Clinical Investigation, 2018, 33, .	0.7	20
21	Role of physical exercise on hepatic insulin, glucocorticoid and inflammatory signaling pathways in an animal model of non-alcoholic steatohepatitis. Life Sciences, 2015, 123, 51-60.	4.3	18
22	Metabolic Syndrome Features: Is There a Modulation Role by Mineral Water Consumption? A Review. Nutrients, 2019, 11, 1141.	4.1	17
23	Serum serotonin levels and bone in rheumatoid arthritis patients. Rheumatology International, 2017, 37, 1891-1898.	3.0	16
24	Physiologic Concentrations of Bile Salts Inhibit Rat Hepatic Alkaline Phosphatase but Not the Intestinal Isoenzyme. Clinical Biochemistry, 2000, 33, 611-617.	1.9	13
25	Influence of dietary supplementation with dextrin or oligofructose on the hepatic redox balance in rats. Molecular Nutrition and Food Research, 2011, 55, 1735-1739.	3.3	13
26	Myocardial Perfusion in Rheumatoid Arthritis Patients: Associations with Traditional Risk Factors and Novel Biomarkers. BioMed Research International, 2017, 2017, 1-9.	1.9	13
27	Inward transport of 3H-MPP+ in freshly isolated rat hepatocytes: evidence for interaction with catecholamines. Naunyn-Schmiedeberg's Archives of Pharmacology, 1996, 354, 305-11.	3.0	12
28	Arginine and a polyarginine peptide inhibit alkaline phosphatase activity: possible consequences for cellular transport systems. Clinical Biochemistry, 2001, 34, 435-437.	1.9	12
29	Energy restriction, exercise and atorvastatin treatment improve endothelial dysfunction and inhibit miRNA-155 in the erectile tissue of the aged rat.. Nutrition and Metabolism, 2018, 15, 28.	3.0	12
30	Sodium-rich carbonated natural mineral water ingestion and blood pressure. Revista Portuguesa De Cardiologia, 2010, 29, 159-72.	0.5	11
31	Uptake of [3H]-adrenaline by freshly isolated rat hepatocytes: putative involvement of P-glycoprotein. Autonomic and Autacoid Pharmacology, 1998, 18, 57-64.	0.6	10
32	Effect of fasting on rat duodenal and jejunal microvilli. Clinical Nutrition, 2001, 20, 325-331.	5.0	10
33	Natural mineral-rich water ingestion improves hepatic and fat glucocorticoid-signaling and increases sirtuin 1 in an animal model of metabolic syndrome. Hormone Molecular Biology and Clinical Investigation, 2015, 21, 149-157.	0.7	10
34	Physical exercise mitigates behavioral impairments in a rat model of sporadic Alzheimerâ€™s disease. Behavioural Brain Research, 2020, 379, 112358.	2.2	10
35	Effects of natural mineral-rich water consumption on the expression of sirtuin 1 and angiogenic factors in the erectile tissue of rats with fructose-induced metabolic syndrome. Asian Journal of Andrology, 2014, 16, 631.	1.6	9
36	Effect of (-)-âˆ†9-tetrahydrocannabinoid on the hepatic redox state of mice. Brazilian Journal of Medical and Biological Research, 2010, 43, 325-329.	1.5	8

#	Article	IF	Citations
37	Combined effects of aging and in vitro non-steroid anti-inflammatory drugs on kidney and liver mitochondrial physiology. Life Sciences, 2013, 93, 329-337.	4.3	8
38	Effects of raftilose on serum biochemistry and liver morphology in rats fed with normal or highâ€fat diet. Molecular Nutrition and Food Research, 2013, 57, 1468-1472.	3.3	8
39	In vitro ACE-inhibitory peptide KGYGGVSLPEW facilitates noradrenaline release from sympathetic nerve terminals: Relationship with the lack of antihypertensive effect on spontaneous hypertensive rats. Peptides, 2015, 71, 72-76.	2.4	8
40	Rat serum alkaline phosphatase electrophoretic fractions: variations with feeding, starvation and cellulose fibre ingestion. Clinical Nutrition, 1998, 17, 279-285.	5.0	7
41	Ingestion of a natural mineral-rich water in an animal model of metabolic syndrome: effects in insulin signalling and endoplasmic reticulum stress. Hormone Molecular Biology and Clinical Investigation, 2016, 26, 135-150.	0.7	7
42	Differential Modulation of Cancellous and Cortical Distal Femur by Fructose and Natural Mineral-Rich Water Consumption in Ovariectomized Female Sprague Dawley Rats. Nutrients, 2019, 11, 2316.	4.1	7
43	Coronary artery calcium score in female rheumatoid arthritis patients: Associations with apolipoproteins and disease biomarkers. International Journal of Rheumatic Diseases, 2019, 22, 1841-1856.	1.9	7
44	Importance of assay conditions in visualization and quantitation of serum alkaline phosphatase isoenzymes separated by electrophoresis. Scandinavian Journal of Clinical and Laboratory Investigation, 1999, 59, 593-605.	1.2	6
45	Natural mineral-rich water ingestion by ovariectomized fructose-fed Sprague-Dawley rats: effects on sirtuin 1 and glucocorticoid signaling pathways. Menopause, 2017, 24, 563-573.	2.0	6
46	LRP5 gene polymorphisms and radiographic joint damage in rheumatoid arthritis patients. Osteoporosis International, 2018, 29, 2355-2368.	3.1	6
47	Statins and tissue mineralization: Putative involvement of alkaline phosphatase. Medical Hypotheses, 2006, 67, 524-528.	1.5	5
48	In vitro modulation of alkaline phosphatase activity of Saccharomyces cerevisiae grown in low or high phosphate medium. Brazilian Journal of Medical and Biological Research, 2008, 41, 41-46.	1.5	5
49	Let's think in alkaline phosphatase at heart function. International Journal of Cardiology, 2010, 144, 333-334.	1.7	5
50	Comment to: Luo et al. (2013) Int J Cardiol. 168(4):4454â€“6. International Journal of Cardiology, 2014, 172, 512-514.	1.7	5
51	Molecular Mechanisms of NAFLD in Metabolic Syndrome. BioMed Research International, 2015, 2015, 1-2.	1.9	5
52	Biomarkers of Aging: From Cellular Senescence to Age-Associated Diseases. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-2.	4.0	5
53	Further insights into the metabolically healthy obese phenotype: The role of magnesium. European Journal of Internal Medicine, 2014, 25, e105-e106.	2.2	4
54	Alkaline phosphatase dualâ€binding sites for collagen dictate cell migration and microvessel assembly in vitro. Journal of Cellular Biochemistry, 2021, 122, 116-129.	2.6	4

#	Article	IF	Citations
55	Effect of a natural mineral-rich water on catechol-O-methyltransferase function. Magnesium Research, 2014, 27, 131-141.	0.5	4
56	Cardiac Physiopathology and Alkaline Phosphatase. Pediatric Cardiology, 2009, 30, 91-91.	1.3	3
57	Physical exercise positively modulates nonalcoholic steatohepatitisâ€related hepatic endoplasmic reticulum stress. Journal of Cellular Biochemistry, 2022, 123, 1647-1662.	2.6	3
58	AB0272â€...Bsmi and Foki VDR Gene Polymorphisms Influence Disease Activity in Established Rheumatoid Arthritis Patients. Annals of the Rheumatic Diseases, 2014, 73, 894.2-894.	0.9	2
59	Mineral-rich water consumption as a non-pharmacological intervention for early menopausal bone mineral density preservation and reduction of long-term fracture risk: comment on Billington et al. Osteoporos Int. 2021;32(7):1313â€“20. Osteoporosis International, 2022, 33, 497-498.	3.1	2
60	Watermelon: the value of higher plasma arginine concentrations. Nutrition, 2007, 23, 517.	2.4	1
61	Exercise, Liver Steatosis, and Free Radicals. , 2017, , 309-322.		1
62	Modulation of rat heart alkaline phosphatase activity by drugs, hormones and nutrients. FASEB Journal, 2006, 20, A897.	0.5	1
63	Effects of a Hypersaline Sodium-rich Carbonated Natural Mineral Water on Structure and Expression of VEGF, VEGFR1, VEGFR2, Ang1, Ang2 and Tie2 of Fructose-treated Rat Corpus Cavernosum. Microscopy and Microanalysis, 2012, 18, 37-38.	0.4	0
64	FRI0125â€...Disease activity is associated with sclerostin levels and (hand and femoral) bone mineral density in patients with established rheumatoid arthritis. Annals of the Rheumatic Diseases, 2013, 71, 352.2-352.	0.9	0
65	FRI0080â€...Bone Mineral Density, Sclerostin and Insulin Are Independently Associated with Coronary-Artery Atherosclerosis in Patients with Established Rheumatoid Arthritis. Annals of the Rheumatic Diseases, 2014, 73, 410.2-410.	0.9	0
66	SAT0484â€...Bsmi VDR Gene Polymorphism is Associated with Bone Mineral Density and Bone Metabolism in Established Rheumatoid Arthritis Patients. Annals of the Rheumatic Diseases, 2014, 73, 768.2-768.	0.9	0
67	2.3 Understanding the Metabolic Syndrome Using a Biomedical Chemistry Profile. , 2015, , 132-147.		0
68	AB0368â€...Association of 25-Hydroxyvitamin D3 Serum Levels and Metabolic Parameters in Portuguese Patients with Established Rheumatoid Arthritis. Annals of the Rheumatic Diseases, 2015, 74, 1016.2-1016.	0.9	0
69	P5427Coronary artery calcium score in rheumatoid arthritis patients: associations with apolipoproteins and disease biomarkers. European Heart Journal, 2018, 39, .	2.2	0
70	Modulation of alkaline phosphatases from Saccharomyces cerevisiae. FASEB Journal, 2006, 20, A51.	0.5	0