

Maria J Martins

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

1,019
citations

394421

19
h-index

501196

28
g-index

71
all docs

71
docs citations

71
times ranked

1555
citing authors

#	ARTICLE	IF	CITATIONS
1	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. <i>Osteoporos Int.</i> 2021;32(7):1313-20. <i>Osteoporosis International</i> , 2022, 33, 497-498.	3.1	2
2	Physical exercise positively modulates nonalcoholic steatohepatitis-related hepatic endoplasmic reticulum stress. <i>Journal of Cellular Biochemistry</i> , 2022, 123, 1647-1662.	2.6	3
3	Alkaline phosphatase dual-binding sites for collagen dictate cell migration and microvessel assembly in vitro. <i>Journal of Cellular Biochemistry</i> , 2021, 122, 116-129.	2.6	4
4	Maternal high-fat high-sucrose diet and gestational exercise modulate hepatic fat accumulation and liver mitochondrial respiratory capacity in mothers and male offspring. <i>Metabolism: Clinical and Experimental</i> , 2021, 116, 154704.	3.4	22
5	Gut Microbiota, in the Halfway between Nutrition and Lung Function. <i>Nutrients</i> , 2021, 13, 1716.	4.1	41
6	Physical exercise mitigates behavioral impairments in a rat model of sporadic Alzheimer's disease. <i>Behavioural Brain Research</i> , 2020, 379, 112358.	2.2	10
7	Metabolically Healthy Obesity—Heterogeneity in Definitions and Unconventional Factors. <i>Metabolites</i> , 2020, 10, 48.	2.9	59
8	Differential Modulation of Cancellous and Cortical Distal Femur by Fructose and Natural Mineral-Rich Water Consumption in Ovariectomized Female Sprague Dawley Rats. <i>Nutrients</i> , 2019, 11, 2316.	4.1	7
9	Coronary artery calcium score in female rheumatoid arthritis patients: Associations with apolipoproteins and disease biomarkers. <i>International Journal of Rheumatic Diseases</i> , 2019, 22, 1841-1856.	1.9	7
10	Metabolic Syndrome Features: Is There a Modulation Role by Mineral Water Consumption? A Review. <i>Nutrients</i> , 2019, 11, 1141.	4.1	17
11	Antihypertensive effect of spent brewer yeast peptide. <i>Process Biochemistry</i> , 2019, 76, 213-218.	3.7	42
12	Energy restriction, exercise and atorvastatin treatment improve endothelial dysfunction and inhibit miRNA-155 in the erectile tissue of the aged rat.. <i>Nutrition and Metabolism</i> , 2018, 15, 28.	3.0	12
13	Vitamin D metabolism in human adipose tissue: could it explain low vitamin D status in obesity?. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2018, 33, .	0.7	20
14	P5427 Coronary artery calcium score in rheumatoid arthritis patients: associations with apolipoproteins and disease biomarkers. <i>European Heart Journal</i> , 2018, 39, .	2.2	0
15	Autologous fat grafting: Harvesting techniques. <i>Annals of Medicine and Surgery</i> , 2018, 36, 212-218.	1.1	38
16	LRP5 gene polymorphisms and radiographic joint damage in rheumatoid arthritis patients. <i>Osteoporosis International</i> , 2018, 29, 2355-2368.	3.1	6
17	Genetic disruption of NRF2 promotes the development of necroinflammation and liver fibrosis in a mouse model of HFE-hereditary hemochromatosis. <i>Redox Biology</i> , 2017, 11, 157-169.	9.0	35
18	Natural mineral-rich water ingestion by ovariectomized fructose-fed Sprague-Dawley rats: effects on sirtuin 1 and glucocorticoid signaling pathways. <i>Menopause</i> , 2017, 24, 563-573.	2.0	6

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19	Serum serotonin levels and bone in rheumatoid arthritis patients. <i>Rheumatology International</i> , 2017, 37, 1891-1898.	3.0	16
20	Exercise, Liver Steatosis, and Free Radicals. , 2017, , 309-322.		1
21	Biomarkers of Aging: From Cellular Senescence to Age-Associated Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-2.	4.0	5
22	Myocardial Perfusion in Rheumatoid Arthritis Patients: Associations with Traditional Risk Factors and Novel Biomarkers. <i>BioMed Research International</i> , 2017, 2017, 1-9.	1.9	13
23	Ingestion of a natural mineral-rich water in an animal model of metabolic syndrome: effects in insulin signalling and endoplasmic reticulum stress. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2016, 26, 135-150.	0.7	7
24	2.3 Understanding the Metabolic Syndrome Using a Biomedical Chemistry Profile. , 2015, , 132-147.		0
25	Molecular Mechanisms of NAFLD in Metabolic Syndrome. <i>BioMed Research International</i> , 2015, 2015, 1-2.	1.9	5
26	Role of physical exercise on hepatic insulin, glucocorticoid and inflammatory signaling pathways in an animal model of non-alcoholic steatohepatitis. <i>Life Sciences</i> , 2015, 123, 51-60.	4.3	18
27	In vitro ACE-inhibitory peptide KGYGCVSLPEW facilitates noradrenaline release from sympathetic nerve terminals: Relationship with the lack of antihypertensive effect on spontaneous hypertensive rats. <i>Peptides</i> , 2015, 71, 72-76.	2.4	8
28	Natural mineral-rich water ingestion improves hepatic and fat glucocorticoid-signaling and increases sirtuin 1 in an animal model of metabolic syndrome. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2015, 21, 149-157.	0.7	10
29	Endoplasmic Reticulum Stress Response in Non-alcoholic Steatohepatitis: The Possible Role of Physical Exercise. <i>Metabolism: Clinical and Experimental</i> , 2015, 64, 780-792.	3.4	29
30	AB0368 Association of 25-Hydroxyvitamin D3 Serum Levels and Metabolic Parameters in Portuguese Patients with Established Rheumatoid Arthritis. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 1016.2-1016.	0.9	0
31	Physical exercise antagonizes clinical and anatomical features characterizing Lieber-DeCarli diet-induced obesity and related metabolic disorders. <i>Clinical Nutrition</i> , 2015, 34, 241-247.	5.0	20
32	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. <i>International Journal of Endocrinology</i> , 2014, 2014, 1-17.	1.5	27
33	Comment to: Luo et al. (2013) <i>Int J Cardiol.</i> 168(4):445-456. <i>International Journal of Cardiology</i> , 2014, 172, 512-514.	1.7	5
34	Further insights into the metabolically healthy obese phenotype: The role of magnesium. <i>European Journal of Internal Medicine</i> , 2014, 25, e105-e106.	2.2	4
35	FR10080 Bone Mineral Density, Sclerostin and Insulin Are Independently Associated with Coronary-Artery Atherosclerosis in Patients with Established Rheumatoid Arthritis. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 410.2-410.	0.9	0
36	SAT0484 Bsmi VDR Gene Polymorphism is Associated with Bone Mineral Density and Bone Metabolism in Established Rheumatoid Arthritis Patients. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 768.2-768.	0.9	0

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37	AB0272â€¦Bsmi and Foki VDR Gene Polymorphisms Influence Disease Activity in Established Rheumatoid Arthritis Patients. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, 894.2-894.	0.9	2
38	Effect of a natural mineral-rich water on catechol-O-methyltransferase function. <i>Magnesium Research</i> , 2014, 27, 131-141.	0.5	4
39	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. <i>Asian Journal of Andrology</i> , 2014, 16, 631.	1.6	9
40	Combined effects of aging and in vitro non-steroid anti-inflammatory drugs on kidney and liver mitochondrial physiology. <i>Life Sciences</i> , 2013, 93, 329-337.	4.3	8
41	Modulation of hepatic redox status and mitochondrial metabolism by exercise: Therapeutic strategy for liver diseases. <i>Mitochondrion</i> , 2013, 13, 862-870.	3.4	27
42	Effects of raftilose on serum biochemistry and liver morphology in rats fed with normal or high-fat diet. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 1468-1472.	3.3	8
43	FR10125â€¦Disease activity is associated with sclerostin levels and (hand and femoral) bone mineral density in patients with established rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2013, 71, 352.2-352.	0.9	0
44	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. <i>Microscopy and Microanalysis</i> , 2012, 18, 37-38.	0.4	0
45	Oxidative stress in Phenylketonuria: future directions. <i>Journal of Inherited Metabolic Disease</i> , 2012, 35, 381-398.	3.6	47
46	11 β -Hydroxysteroid dehydrogenase type 1: relevance of its modulation in the pathophysiology of obesity, the metabolic syndrome and type 2 diabetes mellitus. <i>Diabetes, Obesity and Metabolism</i> , 2012, 14, 869-881.	4.4	97
47	Influence of dietary supplementation with dextrin or oligofructose on the hepatic redox balance in rats. <i>Molecular Nutrition and Food Research</i> , 2011, 55, 1735-1739.	3.3	13
48	Effect of (-)- Δ^9 -tetrahydrocannabinoid on the hepatic redox state of mice. <i>Brazilian Journal of Medical and Biological Research</i> , 2010, 43, 325-329.	1.5	8
49	Let's think in alkaline phosphatase at heart function. <i>International Journal of Cardiology</i> , 2010, 144, 333-334.	1.7	5
50	Sodium-rich carbonated natural mineral water ingestion and blood pressure. <i>Revista Portuguesa De Cardiologia</i> , 2010, 29, 159-72.	0.5	11
51	Cardiac Physiopathology and Alkaline Phosphatase. <i>Pediatric Cardiology</i> , 2009, 30, 91-91.	1.3	3
52	Red Wine Protects against Ethanol-Induced Oxidative Stress in Rat Liver. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 6066-6073.	5.2	22
53	In vitro modulation of alkaline phosphatase activity of <i>Saccharomyces cerevisiae</i> grown in low or high phosphate medium. <i>Brazilian Journal of Medical and Biological Research</i> , 2008, 41, 41-46.	1.5	5
54	Characterization of rat heart alkaline phosphatase isoenzymes and modulation of activity. <i>Brazilian Journal of Medical and Biological Research</i> , 2008, 41, 600-609.	1.5	20

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55	Distinct modulation of alkaline phosphatase isoenzymes by 17 β -estradiol and xanthohumol in breast cancer MCF-7 cells. <i>Clinical Biochemistry</i> , 2007, 40, 268-273.	1.9	34
56	Watermelon: the value of higher plasma arginine concentrations. <i>Nutrition</i> , 2007, 23, 517.	2.4	1
57	Acute Effect of Tea, Wine, Beer, and Polyphenols on ecto-Alkaline Phosphatase Activity in Human Vascular Smooth Muscle Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 4982-4988.	5.2	22
58	Statins and tissue mineralization: Putative involvement of alkaline phosphatase. <i>Medical Hypotheses</i> , 2006, 67, 524-528.	1.5	5
59	Modulation of alkaline phosphatases from <i>Saccharomyces cerevisiae</i> . <i>FASEB Journal</i> , 2006, 20, A51.	0.5	0
60	Modulation of rat heart alkaline phosphatase activity by drugs, hormones and nutrients. <i>FASEB Journal</i> , 2006, 20, A897.	0.5	1
61	Effect of fasting on rat duodenal and jejunal microvilli. <i>Clinical Nutrition</i> , 2001, 20, 325-331.	5.0	10
62	Arginine and a polyarginine peptide inhibit alkaline phosphatase activity: possible consequences for cellular transport systems. <i>Clinical Biochemistry</i> , 2001, 34, 435-437.	1.9	12
63	Alkaline phosphatase from rat liver and kidney is differentially modulated. <i>Clinical Biochemistry</i> , 2001, 34, 463-468.	1.9	38
64	Physiologic Concentrations of Bile Salts Inhibit Rat Hepatic Alkaline Phosphatase but Not the Intestinal Isoenzyme. <i>Clinical Biochemistry</i> , 2000, 33, 611-617.	1.9	13
65	Importance of assay conditions in visualization and quantitation of serum alkaline phosphatase isoenzymes separated by electrophoresis. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 1999, 59, 593-605.	1.2	6
66	Uptake of [3H]-adrenaline by freshly isolated rat hepatocytes: putative involvement of P-glycoprotein. <i>Autonomic and Autacoid Pharmacology</i> , 1998, 18, 57-64.	0.6	10
67	Rat serum alkaline phosphatase electrophoretic fractions: variations with feeding, starvation and cellulose fibre ingestion. <i>Clinical Nutrition</i> , 1998, 17, 279-285.	5.0	7
68	POSTNATAL DEVELOPMENT OF ORGANIC CATION TRANSPORT IN THE RAT LIVER. <i>Pharmacological Research</i> , 1998, 37, 131-136.	7.1	24
69	Inward transport of [³ H]-methylphenylpyridinium in rat isolated hepatocytes: putative involvement of a P-glycoprotein transporter. <i>British Journal of Pharmacology</i> , 1996, 119, 1519-1524.	5.4	35
70	Inward transport of 3H-MPP+ in freshly isolated rat hepatocytes: evidence for interaction with catecholamines. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1996, 354, 305-11.	3.0	12