Maria Raquel MarÃ§al Natali

List of Publications by Year
in descending order

67 papers	1,307 citations	430442 18 h-index	414034 32 g-index
67 all docs	67 docs citations	67 times ranked	2061 citing authors

#	Article	IF	Citations
1	Evaluation of a multiple microemulsion from Trichilia catigua extract and the percutaneous penetration through skin by Phase-Resolved photoacoustic spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 275, 121152.	2.0	0
2	Whey protein enriched with Stevia rebaudiana fraction restores the pancreatic function of streptozotocin induced diabetic rats. Journal of Food Science and Technology, 2021, 58, 805-810.	1.4	4
3	Chronic ingestion of deoxynivalenolâ€contaminated diet doseâ€dependently decreases the area of myenteric neurons and gliocytes of rats. Neurogastroenterology and Motility, 2020, 32, e13770.	1.6	8
4	Fumonisin-containing diets decrease the metabolic activity of myenteric neurons in rats. Nutritional Neuroscience, 2020, , 1-10.	1.5	3
5	Evaluation of anti-HSV-1 activity and toxicity of hydroethanolic extract of Tanacetum parthenium (L.) Sch.Bip. (Asteraceae). Phytomedicine, 2019, 55, 249-254.	2.3	26
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.	1.7	4
7	Sericin as treatment of obesity: morphophysiological effects in obese mice fed with high-fat diet. Einstein (Sao Paulo, Brazil), 2019, 18, eAO4876.	0.3	9
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.	1.8	35
9	Methyl jasmonate: a phytohormone with potential for the treatment of inflammatory bowel diseases. Journal of Pharmacy and Pharmacology, 2018, 70, 178-190.	1.2	18
10	Cafeteria Diet Feeding in Young Rats Leads to Hepatic Steatosis and Increased Gluconeogenesis under Fatty Acids and Glucagon Influence. Nutrients, 2018, 10, 1571.	1.7	15
11	Strength training reverses ovariectomy-induced bone loss and improve metabolic parameters in female Wistar rats. Life Sciences, 2018, 213, 134-141.	2.0	13
12	Maternal diet-induced obesity during suckling period programs offspring obese phenotype and hypothalamic leptin/insulin resistance. Journal of Nutritional Biochemistry, 2018, 61, 24-32.	1.9	55
13	Î²â€Caryophyllene, the major constituent of copaiba oil, reduces systemic inflammation and oxidative stress in arthritic rats. Journal of Cellular Biochemistry, 2018, 119, 10262-10277.	1.2	66
14	Particulate Matter Exposure During Perinatal Life Results in Impaired Glucose Metabolism in Adult Male Rat Offspring. Cellular Physiology and Biochemistry, 2018, 49, 395-405.	1.1	13
15	Treatment with Trichilia catigua ethyl-acetate fraction improves healing and reduces oxidative stress in TNBS-induced colitis in rats. Biomedicine and Pharmacotherapy, 2018, 107, 194-202.	2.5	7
16	Resveratrol promotes neuroprotection and attenuates oxidative and nitrosative stress in the small intestine in diabetic rats. Biomedicine and Pharmacotherapy, 2018, 105, 724-733.	2.5	36
17	Food restriction promotes damage reduction in rat models of type 2 diabetes mellitus. PLoS ONE, 2018, 13, e0199479.	1.1	6
18	Acetaminophen-induced hepatotoxicity: Preventive effect of trans anethole. Biomedicine and Pharmacotherapy, 2017, 86, 213-220.	2.5	36

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19	Anti-Diabetic Effects of the Ethyl-Acetate Fraction of Trichilia catigua in Streptozo-tocin-Induced Type 1 Diabetic Rats. Cellular Physiology and Biochemistry, 2017, 42, 1087-1097.	1.1	16
20	Chronic Glibenclamide Treatment Attenuates Walker-256 Tumour Growth in Prediabetic Obese Rats. Cellular Physiology and Biochemistry, 2017, 42, 81-90.	1.1	9
21	Silkworm Sericin: Properties and Biomedical Applications. BioMed Research International, 2016, 2016, 1-19.	0.9	263
22	Protein Restriction During the Last Third of Pregnancy Malprograms the Neuroendocrine Axes to Induce Metabolic Syndrome in Adult Male Rat Offspring. Endocrinology, 2016, 157, 1799-1812.	1.4	38
23	Neonatal treatment with scopolamine butylbromide prevents metabolic dysfunction in male rats. Scientific Reports, 2016, 6, 30745.	1.6	11
24	Formulation and Evaluation of a Mucoadhesive Thermoresponsive System Containing Brazilian Green Propolis for the Treatment of Lesions Caused by Herpes Simplex Type I. Journal of Pharmaceutical Sciences, 2016, 105, 113-121.	1.6	29
25	Development and characterization of multiple emulsions for controlled release ofTrichilia catigua(Catuaba) extract. Pharmaceutical Development and Technology, 2016, 21, 933-942.	1.1	7
26	Aqueous Extract ofAgaricus blazeiMurrill Prevents Age-Related Changes in the Myenteric Plexus of the Jejunum in Rats. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-13.	0.5	2
27	Vitex agnus-castusL. (Verbenaceae) Improves the Liver Lipid Metabolism and Redox State of Ovariectomized Rats. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-14.	0.5	14
28	Intestinal morphology adjustments caused by dietary restriction improves the nutritional status during the aging process of rats. Experimental Gerontology, 2015, 69, 85-93.	1.2	8
29	Resveratrol Reduces Morphologic Changes in the Myenteric Plexus and Oxidative Stress in the Ileum in Rats with Ischemia/Reperfusion Injury. Digestive Diseases and Sciences, 2015, 60, 3252-3263.	1.1	14
30	High-Fat Diet Promotes Neuronal Loss in the Myenteric Plexus of the Large Intestine in Mice. Digestive Diseases and Sciences, 2015, 60, 841-849.	1.1	20
31	<b>Histologic and histomorphometric study of bone repair around short dental implants inserted in rabbit tibia, associated with tricalcium phosphate graft bone. Acta Scientiarum - Health Sciences, 2014, 36, 257.	0.2	2
32	<b>Effect of administering a diet contamined with fumonisins on the kidneys of wistar rats. Acta Scientiarum - Biological Sciences, 2014, 36, 333.	0.3	3
33	Effect of fumonisin-containing diet on the myenteric plexus of the jejunum in rats. Autonomic Neuroscience: Basic and Clinical, 2014, 185, 93-99.	1.4	11
34	Growth performance and bone mineralization of large Nile tilapia (Oreochromis niloticus) fed graded levels of available phosphorus. Aquaculture International, 2014, 22, 1711-1721.	1.1	19
35	Food restriction enhances oxidative status in aging rats with neuroprotective effects on myenteric neuron populations in the proximal colon. Experimental Gerontology, 2014, 51, 54-64.	1.2	20
36	Animal performance and reproductive aspects of femaleRhamdia quelenfed on different levels of digestible energy. Aquaculture Research, 2014, 45, 1425-1433.	0.9	9

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37	Dietary restriction interferes with oxidative status and intrinsic intestinal innervation in aging rats. Nutrition, 2013, 29, 673-680.	1.1	11
38	Morpho-functional response of Nile tilapia (Oreochromis niloticus) to a homeopathic complex. Homeopathy, 2013, 102, 233-241.	0.5	16
39	Use of Propolis Hydroalcoholic Extract to Treat Colitis Experimentally Induced in Rats by 2,4,6-Trinitrobenzenesulfonic Acid. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-11.	0.5	17
40	Growth and reproductive characteristics of Rhamdia quelen males fed on different digestible energy levels in the reproductive phase. Aquaculture, 2012, 326-329, 74-80.	1.7	28
41	Cimicifuga racemosa impairs fatty acid Î²-oxidation and induces oxidative stress in livers of ovariectomized rats with renovascular hypertension. Free Radical Biology and Medicine, 2012, 53, 680-689.	1.3	24
42	Histology of the digestive tract of Satanoperca pappaterra (Osteichthyes, Cichlidae). Acta Scientiarum - Biological Sciences, 2012, 34, .	0.3	5
43	Effects of the cafeteria diet on the salivary glands of trained and sedentary Wistar rats. Acta Scientiarum - Biological Sciences, 2012, 34, .	0.3	3
44	Use of photoacoustic spectroscopy in the characterization of inclusion complexes of benzophenone-3-hydroxypropyl-Î²-cyclodextrin and ex vivo evaluation of the percutaneous penetration of sunscreen. European Journal of Pharmaceutics and Biopharmaceutics, 2011, 79, 449-457.	2.0	24
45	MananoligossacarÃdeo em dietas para larvas de tilÃ¡pia. Revista Brasileira De Zootecnia, 2011, 40, 2634-2640.	0.3	11
46	Morfologia testicular de ratos Wistar obesos sedentÃ¡rios e submetidos a treinamento fÃsico. Acta Scientiarum - Health Sciences, 2011, 33, .	0.2	1
47	Effects of cafeteria diet on the jejunum in sedentary and physically trained rats. Nutrition, 2010, 26, 312-320.	1.1	35
48	MananoligossacarÃdeo em dietas para juvenis de tilÃ¡pias do Nilo. Acta Scientiarum - Animal Sciences, 2010, 32, .	0.3	13
49	NÃveis de energia digestÃvel sobre os desempenhos reprodutivo e zootÃ©cnico e a deposiÃ§Ã£o de lipÃdios nos hepatÃ³citos de machos de tilÃ¡pia-do-nilo. Revista Brasileira De Zootecnia, 2010, 39, 941-949.	0.3	17
50	Desempenho e morfologia hepÃ¡tica de juvenis de tilÃ¡pia-do-nilo alimentados com dietas suplementadas com metionina e colina. Pesquisa Agropecuaria Brasileira, 2010, 45, 737-743.	0.9	4
51	Efeito do nÃºcleo homeopÃ¡tico homeopatila 100Â® na eficiÃªncia produtiva em alevinos revertidos de tilÃ¡pia do nilo (Oreochromis niloticus). Semina:Ciencias Agrarias, 2010, 31, 985.	0.1	9
52	Desempenho reprodutivo e zootÃ©cnico e deposiÃ§Ã£o de lipÃdios nos hepatÃ³citos de fÃªmeas de tilÃ¡pia-do-nilo alimentadas com raÃ§Ãµes de diversos nÃveis energÃ©ticos. Revista Brasileira De Zootecnia, 2009, 38, 1391-1399.	0.3	19
53	Myenteric neurons and intestinal mucosa of diabetic rats after ascorbic acid supplementation. World Journal of Gastroenterology, 2008, 14, 6518.	1.4	20
54	Evaluation of the performance of two strains of Nile tilapia (Oreochromis Niloticus) in mixed raising systems. Brazilian Archives of Biology and Technology, 2008, 51, 531-538.	0.5	3

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55	Alterations of the number and the profile of myenteric neurons of Wistar rats promoted by age. Autonomic Neuroscience: Basic and Clinical, 2007, 137, 10-18.	1.4	24
56	Percutaneous Penetration, Melanin Activation and Toxicity Evaluation of a Phytotherapic Formulation for Vitiligo Therapeutic. Photochemistry and Photobiology, 2007, 83, 1529-1536.	1.3	10
57	Evaluation of the effect of Ginkgo biloba extract (EGb 761) on the myenteric plexus of the small intestine of Wistar rats. Journal of Gastroenterology, 2007, 42, 624-630.	2.3	10
58	Effect of age on the myosin-V immunoreactive myenteric neurons of rats ileum. Biocell, 2007, 31, 33-9.	0.4	4
59	Effects of the neonatal treatment with monosodium glutamate on myenteric neurons and the intestine wall in the ileum of rats. Journal of Gastroenterology, 2006, 41, 674-680.	2.3	13
60	Effects of a hypoproteic diet on myosin-V immunostained myenteric neurons and the proximal colon wall of aging rats. Autonomic Neuroscience: Basic and Clinical, 2005, 122, 77-83.	1.4	22
61	Morphoquantitative evaluation of the duodenal myenteric neuronal population in rats fed with hypoproteic ration. Biocell, 2005, 29, 39-46.	0.4	9
62	Effect of acetyl-L-carnitine on Vip-ergic neurons in jejunum submucous plexus of diabetic rats. Arquivos De Neuro-Psiquiatria, 2003, 61, 962-967.	0.3	11
63	Regional differences in the number and type of myenteric neurons of the ileum of rats: a comparison of techniques of the neuronal evidentiation. Arquivos De Neuro-Psiquiatria, 2001, 59, 54-59.	0.3	34
64	Morphologic and quantitative study of the myenteric neurons of the jejunum of malnourished rats (Rattus norvegicus). Arquivos De Neuro-Psiquiatria, 1999, 57, 387-391.	0.3	9
65	STUDY OF THE MYENTERIC PLEXUS OF THE ILEUM OF RATS SUBJECTED TO PROTEIC UNDERNUTRITION. Revista Chilena De Anatomâˆšâ‰ a, 1998, 16, .	0.0	13
66	Effects of maternal proteic undernutrition on the neurons of the myenteric plexus of the duodenum of rats. Arquivos De Neuro-Psiquiatria, 1996, 54, 273-279.	0.3	35
67	Evidence of cytogenetic and histological damage in specimens of Astyanax lacustris (Pisces,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf Sciences, 0, 43, e51425.	0.3	4