

# Maria Raquel Maranhão Natali

## List of Publications by Year in descending order

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67  
papers

1,307  
citations

430874

18  
h-index

414414

32  
g-index

67  
all docs

67  
docs citations

67  
times ranked

2061  
citing authors

#	ARTICLE	IF	CITATIONS
1	Silkworm Sericin: Properties and Biomedical Applications. BioMed Research International, 2016, 2016, 1-19.	1.9	263
2	Î²-â€Caryophyllene, the major constituent of copaiba oil, reduces systemic inflammation and oxidative stress in arthritic rats. Journal of Cellular Biochemistry, 2018, 119, 10262-10277.	2.6	66
3	Maternal diet-induced obesity during suckling period programs offspring obese phenotype and hypothalamic leptin/insulin resistance. Journal of Nutritional Biochemistry, 2018, 61, 24-32.	4.2	55
4	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.	2.8	38
5	Acetaminophen-induced hepatotoxicity: Preventive effect of trans anethole. Biomedicine and Pharmacotherapy, 2017, 86, 213-220.	5.6	36
6	Resveratrol promotes neuroprotection and attenuates oxidative and nitrosative stress in the small intestine in diabetic rats. Biomedicine and Pharmacotherapy, 2018, 105, 724-733.	5.6	36
7	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.	0.8	35
8	Effects of cafeteria diet on the jejunum in sedentary and physically trained rats. Nutrition, 2010, 26, 312-320.	2.4	35
9	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
10	Regional differences in the number and type of myenteric neurons of the ileum of rats: a comparison of techniques of the neuronal evidentiatio. Arquivos De Neuro-Psiquiatria, 2001, 59, 54-59.	0.8	34
11	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.	3.3	29
12	Growth and reproductive characteristics of Rhamdia quelen males fed on different digestible energy levels in the reproductive phase. Aquaculture, 2012, 326-329, 74-80.	3.5	28
13	Evaluation of anti-HSV-1 activity and toxicity of hydroethanolic extract of Tanacetum parthenium (L.) Sch.Bip. (Asteraceae). Phytomedicine, 2019, 55, 249-254.	5.3	26
14	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.	2.8	24
15	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.	4.3	24
16	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.	2.9	24
17	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.	2.8	22
18	Myenteric neurons and intestinal mucosa of diabetic rats after ascorbic acid supplementation. World Journal of Gastroenterology, 2008, 14, 6518.	3.3	20

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19	Food restriction enhances oxidative status in aging rats with neuroprotective effects on myenteric neuron populations in the proximal colon. <i>Experimental Gerontology</i> , 2014, 51, 54-64.	2.8	20
20	High-Fat Diet Promotes Neuronal Loss in the Myenteric Plexus of the Large Intestine in Mice. <i>Digestive Diseases and Sciences</i> , 2015, 60, 841-849.	2.3	20
21	Growth performance and bone mineralization of large Nile tilapia ( <i>Oreochromis niloticus</i> ) fed graded levels of available phosphorus. <i>Aquaculture International</i> , 2014, 22, 1711-1721.	2.2	19
22	Desempenho reprodutivo e zoot�cnico e deposi��o de lip�dios nos hepat�citos de f�meas de til�pia-do-nilo alimentadas com ra��es de diversos n�veis energ�ticos. <i>Revista Brasileira De Zootecnia</i> , 2009, 38, 1391-1399.	0.8	19
23	Methyl jasmonate: a phytohormone with potential for the treatment of inflammatory bowel diseases. <i>Journal of Pharmacy and Pharmacology</i> , 2018, 70, 178-190.	2.4	18
24	N�veis de energia digest�vel sobre os desempenhos reprodutivo e zoot�cnico e a deposi��o de lip�dios nos hepat�citos de machos de til�pia-do-nilo. <i>Revista Brasileira De Zootecnia</i> , 2010, 39, 941-949.	0.8	17
25	Use of Propolis Hydroalcoholic Extract to Treat Colitis Experimentally Induced in Rats by 2,4,6-Trinitrobenzenesulfonic Acid. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-11.	1.2	17
26	Morpho-functional response of Nile tilapia ( <i>Oreochromis niloticus</i> ) to a homeopathic complex. <i>Homeopathy</i> , 2013, 102, 233-241.	1.0	16
27	Anti-Diabetic Effects of the Ethyl-Acetate Fraction of <i>Trichilia catigua</i> in Streptozotocin-Induced Type 1 Diabetic Rats. <i>Cellular Physiology and Biochemistry</i> , 2017, 42, 1087-1097.	1.6	16
28	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
29	<i>Vitex agnus-castus</i> L. (Verbenaceae) Improves the Liver Lipid Metabolism and Redox State of Ovariectomized Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-14.	1.2	14
30	Resveratrol Reduces Morphologic Changes in the Myenteric Plexus and Oxidative Stress in the Ileum in Rats with Ischemia/Reperfusion Injury. <i>Digestive Diseases and Sciences</i> , 2015, 60, 3252-3263.	2.3	14
31	Effects of the neonatal treatment with monosodium glutamate on myenteric neurons and the intestine wall in the ileum of rats. <i>Journal of Gastroenterology</i> , 2006, 41, 674-680.	5.1	13
32	Mananoligossacar�deo em dietas para juvenis de til�pias do Nilo. <i>Acta Scientiarum - Animal Sciences</i> , 2010, 32, .	0.3	13
33	Strength training reverses ovariectomy-induced bone loss and improve metabolic parameters in female Wistar rats. <i>Life Sciences</i> , 2018, 213, 134-141.	4.3	13
34	Particulate Matter Exposure During Perinatal Life Results in Impaired Glucose Metabolism in Adult Male Rat Offspring. <i>Cellular Physiology and Biochemistry</i> , 2018, 49, 395-405.	1.6	13
35	STUDY OF THE MYENTERIC PLEXUS OF THE ILEUM OF RATS SUBJECTED TO PROTEIC UNDERNUTRITION. <i>Revista Chilena De Anatom��a</i> , 1998, 16, .	0.0	13
36	Effect of acetyl-L-carnitine on Vip-ergic neurons in jejunum submucous plexus of diabetic rats. <i>Arquivos De Neuro-Psiquiatria</i> , 2003, 61, 962-967.	0.8	11

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37	MananoligossacarÃdeo em dietas para larvas de tilÃipia. Revista Brasileira De Zootecnia, 2011, 40, 2634-2640.	0.8	11
38	Dietary restriction interferes with oxidative status and intrinsic intestinal innervation in aging rats. Nutrition, 2013, 29, 673-680.	2.4	11
39	Effect of fumonisin-containing diet on the myenteric plexus of the jejunum in rats. Autonomic Neuroscience: Basic and Clinical, 2014, 185, 93-99.	2.8	11
40	Neonatal treatment with scopolamine butylbromide prevents metabolic dysfunction in male rats. Scientific Reports, 2016, 6, 30745.	3.3	11
41	Percutaneous Penetration, Melanin Activation and Toxicity Evaluation of a Phytotherapeutic Formulation for Vitiligo Therapeutic. Photochemistry and Photobiology, 2007, 83, 1529-1536.	2.5	10
42	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.	5.1	10
43	Morphologic and quantitative study of the myenteric neurons of the jejunum of malnourished rats (Rattus norvegicus). Arquivos De Neuro-Psiquiatria, 1999, 57, 387-391.	0.8	9
44	Efeito do nÃcleo homeopÃtico homeopatia 100Ã na eficiÃncia produtiva em alevinos revertidos de tilÃipia do nilo (Oreochromis niloticus). Semina:Ciencias Agrarias, 2010, 31, 985.	0.3	9
45	Animal performance and reproductive aspects of female<i>Rhamdia quelen</i>fed on different levels of digestible energy. Aquaculture Research, 2014, 45, 1425-1433.	1.8	9
46	Chronic Glibenclamide Treatment Attenuates Walker-256 Tumour Growth in Prediabetic Obese Rats. Cellular Physiology and Biochemistry, 2017, 42, 81-90.	1.6	9
47	Sericin as treatment of obesity: morphophysiological effects in obese mice fed with high-fat diet. Einstein (Sao Paulo, Brazil), 2019, 18, eAO4876.	0.7	9
48	Morphoquantitative evaluation of the duodenal myenteric neuronal population in rats fed with hypoproteic ration. Biocell, 2005, 29, 39-46.	0.7	9
49	Intestinal morphology adjustments caused by dietary restriction improves the nutritional status during the aging process of rats. Experimental Gerontology, 2015, 69, 85-93.	2.8	8
50	Chronic ingestion of deoxynivalenolâ€contaminated diet doseâ€dependently decreases the area of myenteric neurons and gliocytes of rats. Neurogastroenterology and Motility, 2020, 32, e13770.	3.0	8
51	Development and characterization of multiple emulsions for controlled release of<i>Trichilia catigua</i>(Catuaba) extract. Pharmaceutical Development and Technology, 2016, 21, 933-942.	2.4	7
52	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.	5.6	7
53	Food restriction promotes damage reduction in rat models of type 2 diabetes mellitus. PLoS ONE, 2018, 13, e0199479.	2.5	6
54	Histology of the digestive tract of Satanoperca pappaterra (Osteichthyes, Cichlidae). Acta Scientiarum - Biological Sciences, 2012, 34, .	0.3	5

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55	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
56	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
57	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.	2.8	4
58	Evidence of cytogenetic and histological damage in specimens of Astyanax lacustris (Pisces,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 1 Sciences, 0, 43, e51425.	0.3	4
59	Effect of age on the myosin-V immunoreactive myenteric neurons of rats ileum. Biocell, 2007, 31, 33-9.	0.7	4
60	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
61	Effects of the cafeteria diet on the salivary glands of trained and sedentary Wistar rats. Acta Scientiarum - Biological Sciences, 2012, 34, .	0.3	3
62	&lt;b&gt;Effect of administering a diet contaminated with fumonisins on the kidneys of wistar rats. Acta Scientiarum - Biological Sciences, 2014, 36, 333.	0.3	3
63	Fumonisin-containing diets decrease the metabolic activity of myenteric neurons in rats. Nutritional Neuroscience, 2020, , 1-10.	3.1	3
64	&lt;b&gt;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
65	Aqueous Extract of Agaricus blazeiMurrill Prevents Age-Related Changes in the Myenteric Plexus of the Jejunum in Rats. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-13.	1.2	2
66	Morfologia testicular de ratos Wistar obesos sedentÃ¡rios e submetidos a treinamento fÃ¡sico. Acta Scientiarum - Health Sciences, 2011, 33, .	0.2	1
67	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.	3.9	0