

# MarÃ-ia Martins Melo

## List of Publications by Year in descending order

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73  
papers

876  
citations

567144

15  
h-index

526166

27  
g-index

76  
all docs

76  
docs citations

76  
times ranked

1337  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gossypol Toxicity from Cottonseed Products. Scientific World Journal, The, 2014, 2014, 1-11.	0.8	150
2	A review of cardiac glycosides: Structure, toxicokinetics, clinical signs, diagnosis and antineoplastic potential. Toxicon, 2019, 158, 63-68.	0.8	95
3	Folate-coated, long-circulating and pH-sensitive liposomes enhance doxorubicin antitumor effect in a breast cancer animal model. Biomedicine and Pharmacotherapy, 2019, 118, 109323.	2.5	69
4	Doxorubicin has in vivo toxicological effects on ex vivo cultured mesenchymal stem cells. Toxicology Letters, 2014, 224, 380-386.	0.4	34
5	Pesticides residues in the <i>Prochilodus costatus</i> (Valenciennes, 1850) fish caught in the SÃ£o Francisco River, Brazil. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2015, 50, 398-405.	0.7	33
6	Pesticide exposure of honeybees ( <i>Apis mellifera</i> ) pollinating melon crops. Apidologie, 2015, 46, 703-715.	0.9	32
7	Multiresidue method for detection of pesticides in beef meat using liquid chromatography coupled to mass spectrometry detection (LC-MS) after QuEChERS extraction. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2018, 35, 94-109.	1.1	31
8	Hydroalcoholic extract from <i>Nerium oleander</i> L. (Apocynaceae) elicits arrhythmogenic activity. Journal of Ethnopharmacology, 2017, 206, 170-177.	2.0	29
9	Evaluation of anti-inflammatory, antiangiogenic and antiproliferative activities of <i>Arrabidaea chica</i> crude extracts. Journal of Ethnopharmacology, 2015, 165, 29-38.	2.0	27
10	<i>Rhipicephalus microplus</i> : An overview of vaccine antigens against the cattle tick. Ticks and Tick-borne Diseases, 2022, 13, 101828.	1.1	23
11	Andrographolide protects against isoproterenol-induced myocardial infarction in rats through inhibition of L-type Ca <sup>2+</sup> and increase of cardiac transient outward K <sup>+</sup> currents. European Journal of Pharmacology, 2021, 906, 174194.	1.7	23
12	Toxicity of Gossypol from Cottonseed Cake to Sheep Ovarian Follicles. PLoS ONE, 2015, 10, e0143708.	1.1	22
13	Increased oxidative stress and CaMKII $\beta$ activity contribute to electro-mechanical defects in cardiomyocytes from a murine model of Huntington's disease. FEBS Journal, 2019, 286, 110-123.	2.2	22
14	Does haemosporidian infection affect hematological and biochemical profiles of the endangered Black-fronted piping-guan ( <i>Aburria jacutinga</i> )?. PeerJ, 2013, 1, e45.	0.9	20
15	Comparative Cardiotoxicity of Low Doses of Digoxin, Ouabain, and Oleandrin. Cardiovascular Toxicology, 2020, 20, 539-547.	1.1	17
16	Heavy metals investigation in bovine tissues in Brazil. Food Science and Technology, 2014, 34, 110-115.	0.8	16
17	Simultaneous quantification of gatifloxacin, moxifloxacin, and besifloxacin concentrations in cornea and aqueous humor by LC-QTOF/MS after topical ocular dosing. Journal of Pharmacological and Toxicological Methods, 2017, 83, 87-93.	0.3	15
18	Blood chemistry profile of Surubim hybrid fish ( <i>Pseudoplatystoma reticulatum</i> X <i>P. corruscans</i> ) raised in different stocking densities. Ciencia E Agrotecnologia, 2013, 37, 251-258.	1.5	13

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19	Effects of gossypol from cottonseed cake on the blood profile in sheep. <i>Tropical Animal Health and Production</i> , 2016, 48, 1037-1042.	0.5	13
20	In vitro study of gossypol's ovarian toxicity to rodents and goats. <i>Toxicon</i> , 2018, 145, 56-60.	0.8	12
21	Non-invasive ECG recording and QT interval correction assessment in anesthetized rats and mice. <i>Pesquisa Veterinaria Brasileira</i> , 2019, 39, 409-415.	0.5	11
22	Gossypol Promotes Degeneration of Ovarian Follicles in Rats. <i>Scientific World Journal</i> , The, 2014, 2014, 1-7.	0.8	10
23	Computerized electrocardiography in healthy conscious guinea pigs ( <i>Cavia porcellus</i> ). <i>Pesquisa Veterinaria Brasileira</i> , 2016, 36, 1203-1208.	0.5	10
24	Cardiotoxic Effects of <i>Micrurus surinamensis</i> (Cuvier, 1817) Snake Venom. <i>Cardiovascular Toxicology</i> , 2021, 21, 462-471.	1.1	10
25	Concentrações de oleandrina nas folhas de <i>Nerium oleander</i> de diferentes cores da flora. <i>Ciencia Rural</i> , 2015, 45, 864-866.	0.3	9
26	Vaccine approaches applied to controlling dog ticks. <i>Ticks and Tick-borne Diseases</i> , 2021, 12, 101631.	1.1	9
27	Plant extracts for topic therapy of <i>Bothrops alternatus</i> envenomation. <i>Revista Brasileira De Farmacognosia</i> , 2007, 17, 29-34.	0.6	8
28	Immunomodulatory effect of long-term oclacitinib maleate therapy in dogs with atopic dermatitis. <i>Veterinary Dermatology</i> , 2022, 33, 142.	0.4	8
29	Conotoxin MVIIA improves cell viability and antioxidant system after spinal cord injury in rats. <i>PLoS ONE</i> , 2018, 13, e0204948.	1.1	7
30	Preclinical toxicological study of long-circulating and fusogenic liposomes co-encapsulating paclitaxel and doxorubicin in synergic ratio. <i>Biomedicine and Pharmacotherapy</i> , 2021, 144, 112307.	2.5	7
31	Effect of feed at different times prior to exercise and chelated chromium supplementation on the athletic performance of Mangalarga Marchador mares. <i>Comparative Exercise Physiology</i> , 2010, 7, 133-140.	0.3	6
32	O leucograma como indicador de estresse no desmame e no transporte rodoviário de bovinos da raça Nelore. <i>Semina:Ciencias Agrarias</i> , 2012, 33, 305-312.	0.1	6
33	Arrancamento de penas psicogênico em maritacas: haloperidol e enriquecimento ambiental. <i>Ciencia Rural</i> , 2015, 45, 1099-1106.	0.3	6
34	Toxicity of crude and detoxified <i>Tityus serrulatus</i> venom in anti-venom-producing sheep. <i>Journal of Veterinary Science</i> , 2016, 17, 467.	0.5	6
35	Fatal metaldehyde poisoning in a dog confirmed by gas chromatography. <i>BMC Veterinary Research</i> , 2020, 16, 139.	0.7	6
36	Systemic effects induced by intralesional injection of 1% conotoxin MVIIIC after spinal cord injury in rats. <i>Journal of Venomous Animals and Toxins Including Tropical Diseases</i> , 2014, 20, 15.	0.8	5

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37	Toxic effects of pesticides to bees. Revista Brasileira De Higiene E Sanidade Animal, 2016, 10, .	0.0	5
38	Serum hepatic biochemistry and electrophoretic protein profile of healthy and Ehrlich tumor-bearing mice treated with extracts of Agaricus blazei Murill. Semina:Ciencias Agrarias, 2016, 37, 763.	0.1	4
39	Improved method for diagnosis of Nerium oleander poisoning in necropsy tissues. Pesquisa Veterinaria Brasileira, 2018, 38, 967-972.	0.5	4
40	Liquid chromatography coupled to quadrupole time-of-flight mass spectrometry (QTOF/MS) assay for quantification of protodioscin in Brachiaria grasses. Toxicon, 2018, 155, 61-65.	0.8	4
41	In Vivo Cardiotoxic Potential of Micrurus frontalis Venom. Cardiovascular Toxicology, 2022, 22, 181-190.	1.1	4
42	The use of sorghum silage in feeding weanling horses: Body development. Livestock Science, 2018, 215, 46-48.	0.6	3
43	Determination of ptaquiloside in cow's milk by HPLC-UV. Semina:Ciencias Agrarias, 2019, 40, 1715.	0.1	3
44	Quadro clÃnico do envenenamento crotÃlico experimental em bovinos (Crotalus durissus terrificus -) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.2	3
45	Evaluation of rat plasma proteins after bothropic venom inoculation and treatment with Mesenchymal stem cells. Brazilian Archives of Biology and Technology, 2014, 57, 29-36.	0.5	2
46	Effects of different extracts of the mushroom Agaricus blazei Murill on the hematologic profile of mice with Ehrlich tumor. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2015, 67, 679-688.	0.1	2
47	Effect of Supplementation of Sorghum Silage in Weanling Fillies During the Dry Period in Brazil. Journal of Equine Veterinary Science, 2018, 68, 88-93.	0.4	2
48	Sequential administrations of trifluoroacetate induce tolerance to Palicourea maccgravii, a monofluoroacetate-containing plant, in calves. Toxicon, 2019, 160, 8-11.	0.8	2
49	Influence of sex on activated partial thromboplastin time (aPTT) and prothrombin time (PT) in sheep. Veterinaria Italiana, 2017, 53, 255-258.	0.5	2
50	Ã-conotoxin MVIIA intralesional injection in spinal cord injury in rats. Ciencia Rural, 2016, 46, 150-156.	0.3	2
51	AVALIAÃfO DOS TEORES DE ZINCO EM BRÃ,NQUIAS, CARCAÃfA, FÃGADO E MUSCULATURA DE DIFERENTES ESPÃ%CIAS DE PEIXES CAPTURADOS NO RIO SÃfO FRANCISCO (MG, BRASIL). Revista Geonomos, 0, , .	0.0	2
52	Retrospective study of pre-anesthetic electrocardiogram examination of 700 dogs conducted at the Veterinary Hospital of UFMG (2013-2014). Pesquisa Veterinaria Brasileira, 2016, 36, 90-93.	0.5	1
53	Cardiorespiratory alterations in rodents experimentally envenomed with Hadruroides lunatus scorpion venom. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2017, 23, 2.	0.8	1
54	Clinical biochemistry profile of American Quarter Horse broodmares fed Tifton-85 (Cynodon spp.) hay and haylage. Pesquisa Veterinaria Brasileira, 2019, 39, 317-323.	0.5	1

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55	Rat mesenchymal stem cell cultures as a model to elucidate the cellular and molecular pathogenesis of bone metaplasia induced by <i>Solanum glaucophyllum</i> intoxication. <i>Toxicon</i> , 2019, 169, 25-33.	0.8	1
56	Hemostatic evaluation of rabbits envenomed with <i>Bothrops alternatus</i> treated with anti-bothropic serum, desmopressin and tranexamin acid. <i>Pesquisa Veterinaria Brasileira</i> , 0, 41, .	0.5	1
57	Trace elements detection in tissues of fish ( <i>Pseudoplatystoma coruscans</i> ) caught in the SÃ£o Francisco river (MG). <i>Revista Brasileira De CiÃªncia VeterinÃ¡ria</i> , 2011, 18, 43-50.	0.0	1
58	Comparative Therapeutic Potential of Cardioactive Glycosides in Doxorubicin Model of Heart Failure. <i>Cardiovascular Toxicology</i> , 2022, 22, 78-87.	1.1	1
59	Hemogram of buffaloes ( <i>bubalus bubalis</i> ) wormed and nonwormed by helminthes. <i>Revista Brasileira De CiÃªncia VeterinÃ¡ria</i> , 2011, 18, 102-110.	0.0	1
60	Use of bone marrow for detection of toxic chemicals for the elucidation of poisoning in forensic veterinary medicine. <i>Pesquisa Veterinaria Brasileira</i> , 2020, 40, 798-803.	0.5	1
61	Influence of reactive oxygen and nitrogen species on udder health and milk quality. <i>Revista Do Instituto De LatÃ©cinios CÃ¡ndido Tostes</i> , 2022, 76, 131-141.	0.3	1
62	Different leaf extracts from <i>Brunfelsia uniflora</i> in mice. <i>Ciencia Rural</i> , 2017, 48, .	0.3	0
63	AvaliaÃ§Ã£o fÃsico-quÃmica de amostras de Ã¡gua, sedimento e mata ciliar de uma piscicultura localizada em Ã¡rea agroindustrial Ã margem do RibeirÃ£o da Mata (MG). <i>Engenharia Sanitaria E Ambiental</i> , 2017, 22, 773-780.	0.1	0
64	Could mesenchymal stem cell therapy help in the treatment of muscle damage caused by <i>Bothrops alternatus</i> venom?. <i>Ciencia Rural</i> , 2018, 48, .	0.3	0
65	Outbreak of organophosphorus compound-induced delayed neurotoxicity in water buffaloes. <i>Ciencia Rural</i> , 2021, 51, .	0.3	0
66	Perfil hematolÃ³gico de bovinos experimentalmente inoculados com veneno de <i>Bothrops alternatus</i> . <i>Revista Brasileira De CiÃªncia VeterinÃ¡ria</i> , 2010, 17, 38-45.	0.0	0
67	AVALIAÃ§Ã£o CLÃNICA DE BOVINOS INOCULADOS COM VENENO DE <i>Crotalus durissus terrificus</i> DETOXIFICADO POR IODAÃ§Ã£o E IODAÃ§Ã£o COM ENCAPSULAÃ§Ã£o EM LIPOSOMAS. <i>Ciencia Animal Brasileira</i> , 2012, 13, .	0.3	0
68	Spontaneous cases of poisoning by <i>Rhinella jimi</i> (Stevaux, 2002) toads in dogs. <i>Revista Brasileira De Higiene E Sanidade Animal</i> , 2015, 9, .	0.0	0
69	AvaliaÃ§Ã£o quÃmica da qualidade da Ã¡gua do RibeirÃ£o da Mata (MG). <i>Revista Agrogeoambiental</i> , 2016, 8, .	0.0	0
70	Pharmacological effects and toxicity of plants from the genus <i>Marsdenia</i> . <i>Revista Brasileira De Higiene E Sanidade Animal</i> , 2016, 10, .	0.0	0
71	Toxicity assessment of the milk from female ruminants that ingested <i>Marsdenia megalantha</i> Goyder & Morillo. <i>Revista Brasileira De Higiene E Sanidade Animal</i> , 2017, 11, .	0.0	0
72	Effects of 2% Dorzolamide Hydrochloride and 0.005% Latanoprost Solutions on the Eye Surface of Rabbits. <i>Acta Scientiae Veterinariae</i> , 0, 48, .	0.2	0

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73	Proteinogram of Immunized Sheep with Detoxified Tiyus serrulatus Scorpion Venom. Acta Scientiae Veterinariae, 0, 50, .	0.2	0