

# Maria Tereza W D Carneiro

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

48 papers	671 citations	16 h-index	24 g-index
55 ext. papers	801 ext. citations	4.3 avg, IF	3.8 L-index

#	Paper	IF	Citations
48	The effects of drying methods and harvest season on piperine, essential oil composition, and multi-elemental composition of black pepper.. <i>Food Chemistry</i> , <b>2022</b> , 390, 133148	8.5	0
47	The influence of beach geology and morphodynamics on chemical pollution assessments following a mining accident. <i>Marine Pollution Bulletin</i> , <b>2021</b> , 174, 113230	6.7	1
46	Changes in the renal function after acute mercuric chloride exposure in the rat are associated with renal vascular endothelial dysfunction and proximal tubule NHE3 inhibition. <i>Toxicology Letters</i> , <b>2021</b> , 341, 23-32	4.4	0
45	Chemical characterization of the soils from black pepper ( <i>Piper nigrum</i> L.) cultivation using principal component analysis (PCA) and Kohonen self-organizing map (KSOM). <i>Journal of Soils and Sediments</i> , <b>2021</b> , 21, 3098-3106	3.4	2
44	Subacute cadmium exposure disrupts the hypothalamic-pituitary-gonadal axis, leading to polycystic ovarian syndrome and premature ovarian failure features in female rats. <i>Environmental Pollution</i> , <b>2021</b> , 269, 116154	9.3	6
43	Water assessment of the Itapemirim River/Espírito Santo (Brazil): abiotic and toxicogenetic aspects. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 10175-10191	5.1	0
42	Moderate-intensity aerobic training reduces cardiac damage attributable to experimental iron overload in rats. <i>Experimental Physiology</i> , <b>2021</b> , 106, 1772-1784	2.4	1
41	Metals, arsenic, pesticides, and microcystins in tilapia ( <i>Oreochromis niloticus</i> ) from aquaculture parks in Brazil. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 20187-20200	5.1	8
40	Chronic Iron Overload Restrains the Benefits of Aerobic Exercise to the Vasculature. <i>Biological Trace Element Research</i> , <b>2020</b> , 198, 521-534	4.5	4
39	Preparation of a reference material for crude oil trace elements: Study of homogeneity and stability. <i>Microchemical Journal</i> , <b>2020</b> , 155, 104799	4.8	4
38	Disruption of fertility, placenta, pregnancy outcome, and multigenerational inheritance of hepatic steatosis by organotin exposure from contaminated seafood in rats. <i>Science of the Total Environment</i> , <b>2020</b> , 723, 138000	10.2	5
37	Characterization of end-of-life LED lamps for the recovery of precious metals and rare earth elements. <i>Resources, Conservation and Recycling</i> , <b>2020</b> , 153, 104557	11.9	23
36	Accumulation of trace metals in eggs and hatchlings of <i>Chelonia mydas</i> . <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2020</b> , 62, 126654	4.1	2
35	Composition analysis of the cathode active material of spent Li-ion batteries leached in citric acid solution: A study to monitor and assist recycling processes. <i>Science of the Total Environment</i> , <b>2019</b> , 685, 589-595	10.2	23
34	The snake <i>Bothrops jararaca</i> (Squamata: Viperidae) is a suitable bioindicator of environmental exposure to cadmium: An experimental study. <i>Ecological Indicators</i> , <b>2019</b> , 104, 166-171	5.8	4
33	Boron Removal from Mining and Synthetic Effluents by Electrocoagulation Using Aluminum Electrodes. <i>Scientific World Journal, The</i> , <b>2019</b> , 2019, 3746964	2.2	0
32	Metals determination in crude oil by inductively coupled plasma optical emission spectrometry using nanoemulsification as sample preparation. <i>Fuel</i> , <b>2019</b> , 244, 352-358	7.1	9

31	Trace elements in soil, lichens, and mosses from Fildes Peninsula, Antarctica: spatial distribution and possible origins. <i>Environmental Earth Sciences</i> , <b>2018</b> , 77, 1	2.9	9
30	Chronic iron overload induces vascular dysfunction in resistance pulmonary arteries associated with right ventricular remodeling in rats. <i>Toxicology Letters</i> , <b>2018</b> , 295, 296-306	4.4	14
29	Trace elements influence the hatching success and emergence of <i>Caretta caretta</i> and <i>Chelonia mydas</i> . <i>Journal of Trace Elements in Medicine and Biology</i> , <b>2018</b> , 50, 117-122	4.1	9
28	Environmental obesogen tributyltin chloride leads to abnormal hypothalamic-pituitary-gonadal axis function by disruption in kisspeptin/leptin signaling in female rats. <i>Toxicology and Applied Pharmacology</i> , <b>2017</b> , 319, 22-38	4.6	51
27	Effects of humic acids from landfill leachate on plants: An integrated approach using chemical, biochemical and cytogenetic analysis. <i>Chemosphere</i> , <b>2017</b> , 184, 309-317	8.4	24
26	Concentra� de elementos tra�s em serpentes do litoral e da regi� serrana do Esp�ito Santo. <i>Pesquisa Veterin�ria Brasileira</i> , <b>2017</b> , 37, 1146-1152	0.4	4
25	Electrochemical and Morphological Investigations of Ga Addition to Pt Electrocatalyst Supported on Carbon. <i>Scientific World Journal, The</i> , <b>2017</b> , 2017, 8786013	2.2	6
24	Evaluation of acute toxicity of europium�rganic complex applied as a luminescent marker for the visual identification of gunshot residue. <i>Microchemical Journal</i> , <b>2016</b> , 124, 195-200	4.8	13
23	Extraction induced by emulsion breaking for determination of Ba, Ca, Mg and Na in crude oil by inductively coupled plasma optical emission spectrometry. <i>Microchemical Journal</i> , <b>2016</b> , 124, 338-343	4.8	27
22	Exploratory data analysis using API gravity and V and Ni contents to determine the origins of crude oil samples from petroleum fields in the Esp�ito Santo Basin (Brazil). <i>Microchemical Journal</i> , <b>2016</b> , 124, 26-30	4.8	15
21	Gunshot residues (GSR) analysis of clean range ammunition using SEM/EDX, colorimetric test and ICP-MS: A comparative approach between the analytical techniques. <i>Microchemical Journal</i> , <b>2016</b> , 129, 339-347	4.8	26
20	The Environmental Pollutant Tributyltin Chloride Disrupts the Hypothalamic-Pituitary-Adrenal Axis at Different Levels in Female Rats. <i>Endocrinology</i> , <b>2016</b> , 157, 2978-95	4.8	30
19	Acute iron overload leads to hypothalamic-pituitary-gonadal axis abnormalities in female rats. <i>Toxicology Letters</i> , <b>2016</b> , 240, 196-213	4.4	20
18	Low-level lead exposure changes endothelial modulation in rat resistance pulmonary arteries. <i>Vascular Pharmacology</i> , <b>2016</b> , 85, 21-28	5.9	6
17	Tributyltin chloride induces renal dysfunction by inflammation and oxidative stress in female rats. <i>Toxicology Letters</i> , <b>2016</b> , 260, 52-69	4.4	23
16	Multivariate optimisation of ICP OES instrumental parameters for Pb/Ba/Sb measurement in gunshot residues. <i>Microchemical Journal</i> , <b>2015</b> , 120, 58-63	4.8	25
15	Accumulation of organotins in seafood leads to reproductive tract abnormalities in female rats. <i>Reproductive Toxicology</i> , <b>2015</b> , 57, 29-42	3.4	29
14	Tributyltin chloride leads to adiposity and impairs metabolic functions in the rat liver and pancreas. <i>Toxicology Letters</i> , <b>2015</b> , 235, 45-59	4.4	63

13	Evaluation and determination of chloride in crude oil based on the counterions Na, Ca, Mg, Sr and Fe, quantified via ICP-OES in the crude oil aqueous extract. <i>Fuel</i> , <b>2015</b> , 154, 181-187	7.1	29
12	Forensic ballistics by inductively coupled plasma-optical emission spectroscopy: Quantification of gunshot residues and prediction of the number of shots using different firearms. <i>Microchemical Journal</i> , <b>2015</b> , 118, 19-25	4.8	23
11	Detection of Pb, Ba, and Sb in Blowfly Larvae of Porcine Tissue Contaminated with Gunshot Residue by ICP OES. <i>Journal of Chemistry</i> , <b>2015</b> , 2015, 1-6	2.3	1
10	Relationship between weight, age and hatching success and the concentration of heavy metals in nestling blue macaw ( <i>Anodorhynchus hyacinthinus</i> Latham, 1790) in the Pantanal, Mato Grosso do Sul. <i>Pesquisa Veterinaria Brasileira</i> , <b>2015</b> , 35, 569-572	0.4	2
9	Multielement analysis of crude oil produced water by ICP OES after acid digestion assisted by microwave. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2015</b> , 30, 1154-1160	3.7	7
8	Analysis of gunshot residues produced by .38 caliber handguns using inductively coupled plasma-optical emission spectroscopy (ICP OES). <i>Microchemical Journal</i> , <b>2014</b> , 115, 106-112	4.8	15
7	Effect of dietary cadmium on fitness, growth, genotoxicity and accumulation in the Yellow-spotted River Turtle, <i>Podocnemis unifilis</i> . <i>Aquatic Toxicology</i> , <b>2013</b> , 140-141, 239-41	5.1	8
6	Cor ASTM: um método simples e rápido para determinar a qualidade do biodiesel produzido a partir de óleos residuais de fritura. <i>Química Nova</i> , <b>2013</b> , 36, 587-592	1.6	3
5	Determination of Ca, Mg, Sr and Ba in crude oil samples by atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2012</b> , 27, 1568	3.7	13
4	Comparison of different pre-treatment procedures for the determination of chromium in crude oil samples by GF AAS. <i>Journal of the Brazilian Chemical Society</i> , <b>2012</b> , 23, 1421-1428	1.5	5
3	Determination of Na, K, Ca and Mg in biodiesel samples by flame atomic absorption spectrometry (F AAS) using microemulsion as sample preparation. <i>Microchemical Journal</i> , <b>2010</b> , 96, 180-185	4.8	52
2	Direct determination of phosphorus in biodiesel samples by graphite furnace atomic absorption spectrometry using a solid sampling accessory. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2009</b> , 24, 1262	3.7	20
1	Avaliação dos teores de Pb, Cd, Sn, Co, Hg, Mo e As em solos da península Fildes - Antártica. <i>Química Nova</i> ,	1.6	4