

# Rodrigo Mendes Pereira

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

305  
citations

840776

11  
h-index

940533

16  
g-index

27  
all docs

27  
docs citations

27  
times ranked

329  
citing authors

#	ARTICLE	IF	CITATIONS
1	Feasibility of halogen determination in noncombustible inorganic matrices by ion chromatography after a novel volatilization method using microwave-induced combustion. <i>Talanta</i> , 2016, 147, 76-81.	5.5	40
2	The synergic effect of microwave and ultraviolet radiation for chocolate digestion and further determination of As, Cd, Ni and Pb by ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2016, 31, 523-530.	3.0	30
3	Comparison of foliar spray and soil irrigation of biogenic CuO nanoparticles (NPs) on elemental uptake and accumulation in lettuce. <i>Environmental Science and Pollution Research</i> , 2021, 28, 16350-16367.	5.3	24
4	Are there feasible strategies for determining bromine and iodine in human hair using interference-free plasma based-techniques?. <i>Analytica Chimica Acta</i> , 2019, 1060, 45-52.	5.4	23
5	Multitechnique determination of metals and non-metals in sports supplements after microwave-assisted digestion using diluted acid. <i>Microchemical Journal</i> , 2019, 145, 235-241.	4.5	20
6	Single analysis of human hair for determining halogens and sulfur after sample preparation based on combustion reaction. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 4873-4881.	3.7	18
7	A novel and eco-friendly analytical method for phosphorus and sulfur determination in animal feed. <i>Food Chemistry</i> , 2018, 246, 422-427.	8.2	17
8	Feasible and Clean Solid-Phase Synthesis of $\text{LiNbO}_3$ by Microwave-Induced Combustion and Its Application as Catalyst for Low-Temperature Aniline Oxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 1680-1691.	6.7	15
9	Green and efficient sample preparation method for the determination of catalyst residues in margarine by ICP-MS. <i>Talanta</i> , 2017, 174, 394-400.	5.5	14
10	Assessing mineral and toxic elements content in rice grains grown in southern Brazil. <i>Journal of Food Composition and Analysis</i> , 2021, 100, 103914.	3.9	13
11	Sample preparation of lipstick for further Cd and Pb determination by ICP-MS: is the use of complexing acids really necessary?. <i>Journal of Analytical Atomic Spectrometry</i> , 2017, 32, 1780-1788.	3.0	12
12	Mineral and Fatty Acid Content Variation in White Oat Genotypes Grown in Brazil. <i>Biological Trace Element Research</i> , 2021, 199, 1194-1206.	3.5	12
13	Indirect determination of chlorine and fluorine in eye shadow by ion chromatography after an eco-friendly sample preparation method based on combustion reaction. <i>Microchemical Journal</i> , 2019, 150, 104125.	4.5	10
14	Determination of Cl and S in Edible Seaweed by Ion Chromatography after Decomposition by Microwave-induced Combustion. <i>Revista Virtual De Quimica</i> , 0, , 492-501.	0.4	10
15	Investigating essential and toxic elements in Antarctic macroalgae using a green analytical method. <i>Journal of Applied Phycology</i> , 2017, 29, 741-749.	2.8	8
16	A selective volatilization method for determination of chloride and sulfate in calcium carbonate pharmaceutical raw material and commercial tablets. <i>Talanta</i> , 2018, 181, 440-447.	5.5	8
17	A versatile green analytical method for determining chlorine and sulfur in cereals and legumes. <i>Food Chemistry</i> , 2019, 285, 334-339.	8.2	7
18	Determination of chemical elements in rice from Singapore markets: Distribution, estimated intake and differentiation of rice varieties. <i>Journal of Food Composition and Analysis</i> , 2021, 101, 103969.	3.9	7

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19	Brazilian Genetic Diversity for Desirable and Undesirable Elements in the Wheat Grain. Biological Trace Element Research, 2021, 199, 2351-2365.	3.5	5
20	Environmental disaster in mining areas: routes of exposure to metals in the Doce River basin. International Journal of Environmental Science and Technology, 2022, 19, 12091-12102.	3.5	5
21	Arsenic in Rice Grain. , 2020, , 71-91.		2
22	Leptodactylus macrosternum (Anura: Leptodactylidae) as a bioindicator of potentially toxic chemical elements in irrigated perimeters in northeastern Brazil. Environmental Chemistry and Ecotoxicology, 2022, 4, 124-131.	9.1	2
23	Determinação de enxofre em shampoo por espectrofotometria UV-Vis: avaliação de métodos de preparo de amostras. Química Nova, 0, , .	0.3	1
24	Halogen Determination in Polymeric Waste of Electrical and Electronic Equipment: Overcoming Limitations in Sample Preparation. Journal of the Brazilian Chemical Society, 0, , .	0.6	1
25	Lead in Rice Grain. , 2020, , 93-131.		1
26	Chlorine and Fluorine Determination in Eye-Pencil: Development of an Eco-Friendly Sample Preparation Method for Ion Chromatography Analysis. Journal of the Brazilian Chemical Society, 0, , .	0.6	0
27	Advances in Sample Digestion Using Microwave-ultraviolet Radiations: Phosphorus and Sulfur Determination in Animal Feed. Current Analytical Chemistry, 2021, 17, 512-520.	1.2	0