

# Maria Manuela Silva

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8438158/publications.pdf>

Version: 2024-02-01

47  
papers

359  
citations

933447  
10  
h-index

888059  
17  
g-index

49  
all docs

49  
docs citations

49  
times ranked

210  
citing authors

#	ARTICLE	IF	CITATIONS
1	Food Colour Additives: A Synoptical Overview on Their Chemical Properties, Applications in Food Products, and Health Side Effects. <i>Foods</i> , 2022, 11, 379.	4.3	69
2	Selenium biofortification of rice grains and implications on macronutrients quality. <i>Journal of Cereal Science</i> , 2018, 81, 22-29.	3.7	64
3	SELENIUM BIOFORTIFICATION OF RICE THROUGH FOLIAR APPLICATION WITH SELENITE AND SELENATE. <i>Experimental Agriculture</i> , 2019, 55, 528-542.	0.9	44
4	Can Foliar Pulverization with CaCl <sub>2</sub> and Ca(NO <sub>3</sub> ) <sub>2</sub> Trigger Ca Enrichment in <i>Solanum tuberosum</i> L. Tubers?. <i>Plants</i> , 2021, 10, 245.	3.5	23
5	Calcium biofortification of Rocha pears, tissues accumulation and physicochemical implications in fresh and heat-treated fruits. <i>Scientia Horticulturae</i> , 2021, 277, 109834.	3.6	21
6	Zinc Enrichment in Two Contrasting Genotypes of <i>Triticum aestivum</i> L. Grains: Interactions between Edaphic Conditions and Foliar Fertilizers. <i>Plants</i> , 2021, 10, 204.	3.5	21
7	Quantification and Tissue Localization of Selenium in Rice ( <i>Oryza sativa</i> L., Poaceae) Grains: A Perspective of Agronomic Biofortification. <i>Plants</i> , 2020, 9, 1670.	3.5	16
8	Effect of Rice Grain ( <i>Oryza sativa</i> L.) Enrichment with Selenium on Foliar Leaf Gas Exchanges and Accumulation of Nutrients. <i>Plants</i> , 2021, 10, 288.	3.5	14
9	Biofortification of durum wheat ( <i>Triticum turgidum</i> L. ssp. durum (Desf.) Husnot) grains with nutrients. <i>Journal of Plant Interactions</i> , 2017, 12, 39-50.	2.1	12
10	The Tolerance of <i>Eucalyptus globulus</i> to Soil Contamination with Arsenic. <i>Plants</i> , 2021, 10, 627.	3.5	12
11	Characterization of polyetherâ€poly(methyl methacrylate)â€lithium perchlorate blend electrolytes. <i>Polymers for Advanced Technologies</i> , 2011, 22, 1753-1759.	3.2	9
12	Natural Mineral Enrichment in <i>Solanum tuberosum</i> L. cv. Agria: Accumulation of Ca and Interaction with Other Nutrients by XRF Analysis. <i>Biology and Life Sciences Forum</i> , 2021, 4, 77.	0.6	7
13	Elemental Composition of Algae-Based Supplements by Energy Dispersive X-ray Fluorescence. <i>Plants</i> , 2021, 10, 2041.	3.5	5
14	An integrated chemical and technological approach for assessing Portuguese wheat flours quality and lengthening bread shelf-life. <i>Emirates Journal of Food and Agriculture</i> , 0, , 884.	1.0	5
15	Foliar Spraying of <i>Solanum tuberosum</i> L. with CaCl <sub>2</sub> and Ca(NO <sub>3</sub> ) <sub>2</sub> : Interactions with Nutrients Accumulation in Tubers. <i>Plants</i> , 2022, 11, 1725.	3.5	4
16	Rice ( <i>Oryza sativa</i> L.) Biofortification with Selenium: Enrichment Index and Interactions among Nutrients. <i>Biology and Life Sciences Forum</i> , 2021, 4, 39.	0.6	3
17	Nutrient Interactions in the Natural Fortification of Tomato with Mg: An Analytical Perspective. <i>Biology and Life Sciences Forum</i> , 2021, 4, 87.	0.6	3
18	Grape Enrichment with Zinc for Vinification: Mineral Analysis with Atomic Absorption Spectrophotometry, XRF and Tissue Analysis. <i>Biology and Life Sciences Forum</i> , 2021, 4, 84.	0.6	3

#	ARTICLE	IF	CITATIONS
19	Enrichment of Grapes with Zinc-Efficiency of Foliar Fertilization with ZnSO <sub>4</sub> and ZnO and Implications on Winemaking. <i>Plants</i> , 2022, 11, 1399.	3.5	3
20	Elemental Composition of Commercial Herbal Tea Plants and Respective Infusions. <i>Plants</i> , 2022, 11, 1412.	3.5	3
21	Influence of Zinc Fertilization for Physical and Chemical Parameters and Sensory Properties of Grapes. , 2021, , 170-177.		2
22	Tissue Accumulation and Quantification of Zn in Biofortified <i>Triticum aestivum</i> Grains”Interactions with Mn, Fe, Cu, Ca, K, P and S. <i>Biology and Life Sciences Forum</i> , 2020, 4, .	0.6	2
23	Increase of Calcium in “Rocha”™ Pear ( <i>Pyrus communis</i> L.) for Development of Functional Foods. <i>Biology and Life Sciences Forum</i> , 2021, 4, 6.	0.6	2
24	Precision Agriculture as Input for the Rice Grain ( <i>Oryza sativa</i> L.) Biofortification with Selenium. <i>Biology and Life Sciences Forum</i> , 2021, 3, 37.	0.6	2
25	Monitoring a Calcium Biofortification Workflow in an Orchard of <i>Pyrus communis</i> var. Rocha Applying Precision Agriculture Technology. <i>Biology and Life Sciences Forum</i> , 2021, 3, 3.	0.6	1
26	Monitoring of a Calcium Biofortification Workflow for Tubers of <i>Solanum tuberosum</i> L. cv. Picasso Using Smart Farming Technology. <i>Biology and Life Sciences Forum</i> , 2021, 3, 18.	0.6	1
27	Natural Enrichment of <i>Solanum tuberosum</i> L. with Calcium”Monitorization of Mineral Interactions in Plant Tissues. , 2021, 11, .		1
28	Magnesium Accumulation in Two Contrasting Varieties of <i>Lycopersicum esculentum</i> L. Fruits: Interaction with Calcium at Tissue Level and Implications on Quality. <i>Plants</i> , 2022, 11, 1854.	3.5	1
29	Agronomic Biofortification in Se of <i>Oryza sativa</i> L.: Food Quality Control for Baby Food Products. , 2021, , 155-163.		0
30	Comparison of Chemical Parameters in Zinc Biofortified Flours of <i>Triticum aestivum</i> L.: Development of a Functional Food. , 2021, , 137-146.		0
31	Development of a new bread type supplemented iron and folic acid” Chemical and technological characterization. <i>Emirates Journal of Food and Agriculture</i> , 0, , 846.	1.0	0
32	Application of Multispectral Images to Monitor the Productive Cycle of Vines Fortified with Zinc. <i>Biology and Life Sciences Forum</i> , 2021, 3, 4.	0.6	0
33	A Case Study about the Use of Precision Agriculture Technology Applied to a Zn Biofortification Workflow for Grapevine <i>Vitis vinifera</i> cv Moscatel. <i>Biology and Life Sciences Forum</i> , 2021, 3, 2.	0.6	0
34	Can Precision Agriculture Be Used in the Management of a Fe and Zn Biofortification Workflow in Organic Tomatoes ( <i>Lycopersicum esculentum</i> L.)?. , 2021, 3, .		0
35	Monitoring a Zinc Biofortification Workflow in an Experimental Field of <i>Triticum aestivum</i> L. Applying Smart Farming Technology. , 2021, 3, .		0
36	A Case Study on Minerals Interaction in the Soil and Se Enrichment in Rice ( <i>Oryza sativa</i> L.). , 2021, 11, .		0

#	ARTICLE	IF	CITATIONS
37	Mineral Quantification of <i>Triticum aestivum</i> L. Enriched in Zinc – Correlation between Minerals in Soils and Whole Wheat Flours. , 2021, 11, .		0
38	Selected Mineral Interactions in Two Varieties of <i>Lycopersicum esculentum</i> L. Produced Organically and Enriched Naturally with Fe and Zn. , 2021, 11, .		0
39	Physiological Assessment of Rocha Pear Trees to Agronomic Enrichment with CaCl <sub>2</sub> and Ca(NO <sub>3</sub> ) <sub>2</sub> . , 2021, 11, .		0
40	Influence of ZnO Fertilization of Grapes cv. Syrah on Photosynthesis. , 2021, 11, .		0
41	Monitorization through NDVI of a Rice ( <i>Oryza sativa</i> L.) Culture Production in Ribatejo Region. , 0, , .		0
42	Comparison between Varieties of Rice ( <i>Oryza sativa</i> L.) Produced in Portugal – Mineral and Quality Analysis. , 0, , .		0
43	Soil Characterization for Production of an Industrial Tomato Variety in South Portugal – A Case Study. , 0, , .		0
44	Orchard's Soil Characterization and Nutrient Mobilization to Rocha Pear ( <i>Pyrus communis</i> L.) Fruits. , 0, , .		0
45	Zn Nutrition of <i>Vitis vinifera</i> White Grapes: Characterization of Antagonistic and Synergistic Interactions by µEDXRF Tissue Analyses. , 0, , .		0
46	Characterization of a <i>Triticum aestivum</i> L. Experimental Field to Implement an Agronomic Biofortification Workflow. , 0, , .		0
47	Comparison of Soils of Two Fields for Potato Production Located in the Same Region of Portugal. , 0, , .		0