

# Guilhermina Miguel da Silva Marques

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

1,288  
citations

361413

20  
h-index

361022

35  
g-index

52  
all docs

52  
docs citations

52  
times ranked

1999  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preserving Accuracy in GenBank. <i>Science</i> , 2008, 319, 1616-1616.	12.6	198
2	Modification of wheat straw lignin by solid state fermentation with white-rot fungi. <i>Bioresource Technology</i> , 2009, 100, 4829-4835.	9.6	148
3	Enzymatic saccharification of biologically pre-treated wheat straw with white-rot fungi. <i>Bioresource Technology</i> , 2010, 101, 6045-6050.	9.6	143
4	Influence of ligninolytic enzymes on straw saccharification during fungal pretreatment. <i>Bioresource Technology</i> , 2012, 111, 261-267.	9.6	75
5	Selenium contents of Portuguese commercial and wild edible mushrooms. <i>Food Chemistry</i> , 2011, 126, 91-96.	8.2	52
6	Considerations and consequences of allowing DNA sequence data as types of fungal taxa. <i>IMA Fungus</i> , 2018, 9, 167-175.	3.8	45
7	Increased protein content of chickpea ( <i>Cicer arietinum</i> L.) inoculated with arbuscular mycorrhizal fungi and nitrogen-fixing bacteria under water deficit conditions. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 4379-4385.	3.5	43
8	Fusarium, an Entomopathogen? A Myth or Reality?. <i>Pathogens</i> , 2018, 7, 93.	2.8	40
9	The emerging pathogen of chestnut <i>Gnomoniopsis castanea</i> : the challenge posed by a versatile fungus. <i>European Journal of Plant Pathology</i> , 2019, 153, 671-685.	1.7	36
10	Comparative study of plant growth-promoting bacteria on the physiology, growth and fruit quality of strawberry. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 5341-5349.	3.5	35
11	<i>Boletus edulis</i> biologically active biopolymers induce cell cycle arrest in human colon adenocarcinoma cells. <i>Food and Function</i> , 2013, 4, 575.	4.6	33
12	Influence of culture medium growth variables on <i>Ganoderma lucidum</i> exopolysaccharides structural features. <i>Carbohydrate Polymers</i> , 2014, 111, 936-946.	10.2	33
13	The potential of white-rot fungi to degrade phorbol esters of <i>Jatropha curcas</i> L. seed cake. <i>Engineering in Life Sciences</i> , 2011, 11, 107-110.	3.6	30
14	Insect-associated fungi from naturally mycosed vine mealybug <i>Planococcus ficus</i> (Signoret) (Hemiptera: Pseudococcidae). <i>Biocontrol Science and Technology</i> , 2018, 28, 122-141.	1.3	30
15	Management of chestnut plantations for a multifunctional land use under Mediterranean conditions: effects on productivity and sustainability. <i>Agroforestry Systems</i> , 2011, 81, 175-189.	2.0	29
16	Entomopathogenic fungi in Portuguese vineyards soils: suggesting a "Galleria-Tenebrio-bait method" as bait-insects <i>Galleria</i> and <i>Tenebrio</i> significantly underestimate the respective recoveries of <i>Metarhizium (robertsii)</i> and <i>Beauveria (bassiana)</i> . <i>Mycology</i> , 2018, 38, 1-23.	1.9	29
17	Neuroprotective properties of <i>Cantharellus cibarius</i> polysaccharide fractions in different in vitro models of neurodegeneration. <i>Carbohydrate Polymers</i> , 2018, 197, 598-607.	10.2	29
18	Improved grain yield of cowpea ( <i>Vigna unguiculata</i> ) under water deficit after inoculation with <i>Bradyrhizobium elkanii</i> and <i>Rhizophagus irregularis</i> . <i>Crop and Pasture Science</i> , 2017, 68, 1052.	1.5	28

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19	Inoculation of plant growth promoting bacteria and arbuscular mycorrhizal fungi improve chickpea performance under water deficit conditions. <i>Applied Soil Ecology</i> , 2021, 164, 103927.	4.3	23
20	Improvement of some growth and yield parameters of faba bean ( <i>Vicia faba</i> ) by inoculation with <i>Rhizobium laguerreae</i> and arbuscular mycorrhizal fungi. <i>Crop and Pasture Science</i> , 2019, 70, 595.	1.5	22
21	Antimicrobial, Antibiofilm, and Antioxidant Properties of <i>Boletus edulis</i> and <i>Neoboletus luridiformis</i> Against Multidrug-Resistant ESKAPE Pathogens. <i>Frontiers in Nutrition</i> , 2021, 8, 773346.	3.7	18
22	Effect of <i>Bacillus</i> spp. and <i>Brevibacillus</i> sp. on the Photosynthesis and Redox Status of <i>Solanum lycopersicum</i> . <i>Horticulturae</i> , 2021, 7, 24.	2.8	17
23	<i>Cantharellus cibarius</i> branched mannans inhibits colon cancer cells growth by interfering with signals transduction in NF- $\kappa$ B pathway. <i>International Journal of Biological Macromolecules</i> , 2019, 134, 770-780.	7.5	16
24	Advances in Entomopathogen Isolation: A Case of Bacteria and Fungi. <i>Microorganisms</i> , 2021, 9, 16.	3.6	15
25	<i>Boletus edulis</i> ribonucleic acid "a potent apoptosis inducer in human colon adenocarcinoma cells. <i>Food and Function</i> , 2016, 7, 3163-3175.	4.6	13
26	New insights into the molecular mechanism of <i>Boletus edulis</i> ribonucleic acid fraction (BE3) concerning antiproliferative activity on human colon cancer cells. <i>Food and Function</i> , 2017, 8, 1830-1839.	4.6	13
27	Effects of the dietary incorporation of untreated and white-rot fungi ( <i>Ganoderma resinaceum</i> Boud) pre-treated olive leaves on growing rabbits. <i>Animal Feed Science and Technology</i> , 2012, 173, 244-251.	2.2	11
28	Mushroom small RNAs as potential anticancer agents: a closer look at <i>Cantharellus cibarius</i> proapoptotic and antiproliferative effects in colon cancer cells. <i>Food and Function</i> , 2019, 10, 2739-2751.	4.6	11
29	Soil Chemical Properties Barely Perturb the Abundance of Entomopathogenic <i>Fusarium oxysporum</i> : A Case Study Using a Generalized Linear Mixed Model for Microbial Pathogen Occurrence Count Data. <i>Pathogens</i> , 2018, 7, 89.	2.8	8
30	Comparative antioxidant and antimicrobial properties of <i>Lentinula edodes</i> Donko and Koshin varieties against priority multidrug-resistant pathogens. <i>South African Journal of Chemical Engineering</i> , 2021, 35, 98-106.	2.4	8
31	Has taxonomic vandalism gone too far? A case study, the rise of the pay-to-publish model and the pitfalls of <i>Morchella</i> systematics. <i>Mycological Progress</i> , 2022, 21, 7-38.	1.4	8
32	Use of Plant-Growth Promoting Rhizobacteria and Mycorrhizal Fungi Consortium as a Strategy to Improve Chickpea ( <i>Cicer arietinum</i> L.) Productivity under Different Irrigation Regimes. <i>Agronomy</i> , 2022, 12, 1383.	3.0	7
33	Effect of Soil Chemical Properties on the Occurrence and Distribution of Entomopathogenic Fungi in Portuguese Grapevine Fields. <i>Pathogens</i> , 2021, 10, 137.	2.8	6
34	Biovalorization of Grape Stalks as Animal Feed by Solid State Fermentation Using White-Rot Fungi. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 6800.	2.5	6
35	Potential use of cowpea ( <i>Vigna unguiculata</i> (L.) Walp.) stover treated with white-rot fungi as rabbit feed. <i>Journal of the Science of Food and Agriculture</i> , 2017, 97, 4386-4390.	3.5	5
36	Entomopathogenic fungi in Portuguese vineyards soils: suggesting a "Galleria-Tenebrio-bait method" as bait-insects <i>Galleria</i> and <i>Tenebrio</i> significantly underestimate the respective recoveries of <i>Metarhizium</i> ( <i>robertsii</i> ) and <i>Beauveria</i> ( <i>bassiana</i> ). <i>MycKeys</i> , 0, 38, 1-23.	1.9	4

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37	Action of bioactive compounds in cellular oxidative response. Energy Reports, 2020, 6, 891-896.	5.1	3
38	<i>Boletus atlanticus</i> sp. nov., a new species of section <i>Luridi</i> from coastal dunes of NW Spain. Mycotaxon, 2013, 122, 325-332.	0.3	2
39	An unexpected microbiological finding in a blood film. British Journal of Haematology, 2019, 187, 9-9.	2.5	2
40	MYH9 Disorders (May-Hegglin Anomaly) the Role of the Blood Smear. Journal of Pediatric Hematology/Oncology, 2019, 41, 228-228.	0.6	2
41	Severe malaria. Infection, 2020, 48, 143-146.	4.7	2
42	Preservation of Fungal-Treated Cowpea Straw in Association with Discarded Apple by Ensilage Process. Waste and Biomass Valorization, 2021, 12, 5533-5543.	3.4	2
43	Increasing chestnut resilience to climate change with innovative management practices. Acta Horticulturae, 2018, , 163-176.	0.2	1
44	The effects of granulocyte colony-stimulating factors (G-CSFs) in leucocytes. Hematology/ Oncology and Stem Cell Therapy, 2020, 13, 40-41.	0.9	1
45	Phaseolus vulgaris L. as a functional food for aging protection. , 2020, , 289-295.		1
46	Ros Signals Induced by Mushrooms Phenolic Compounds Produced from Lignocellulosic Biomass. Waste and Biomass Valorization, 2021, 12, 3027-3033.	3.4	1
47	Potential of Entomopathogenic Bacteria and Fungi. Sustainability in Plant and Crop Protection, 2019, , 115-149.	0.4	1
48	Incorporation of untreated or white-rot fungi treated cowpea stover on performance, digestibility, health and meat quality of growing rabbits. Animal Feed Science and Technology, 2021, 281, 115100.	2.2	1
49	Effects of Dietary Incorporation of Grape Stalks Untreated and Fungi-Treated in Growing Rabbits: A Preliminary Study. Animals, 2022, 12, 112.	2.3	1