

Helena Freitas

List of Publications by Year in descending order

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227
papers

17,616
citations

19657

61
h-index

15732

125
g-index

231
all docs

231
docs citations

231
times ranked

16608
citing authors

#	ARTICLE	IF	CITATIONS
1	Plant Diversity and Productivity Experiments in European Grasslands. <i>Science</i> , 1999, 286, 1123-1127.	12.6	1,757
2	Plant growth promoting rhizobacteria and endophytes accelerate phytoremediation of metalliferous soils. <i>Biotechnology Advances</i> , 2011, 29, 248-258.	11.7	954
3	Potential of siderophore-producing bacteria for improving heavy metal phytoextraction. <i>Trends in Biotechnology</i> , 2010, 28, 142-149.	9.3	927
4	Perspectives of plant-associated microbes in heavy metal phytoremediation. <i>Biotechnology Advances</i> , 2012, 30, 1562-1574.	11.7	785
5	Beneficial role of bacterial endophytes in heavy metal phytoremediation. <i>Journal of Environmental Management</i> , 2016, 174, 14-25.	7.8	490
6	Assessing the Effects of Land-use Change on Plant Traits, Communities and Ecosystem Functioning in Grasslands: A Standardized Methodology and Lessons from an Application to 11 European Sites. <i>Annals of Botany</i> , 2007, 99, 967-985.	2.9	453
7	ECOSYSTEM EFFECTS OF BIODIVERSITY MANIPULATIONS IN EUROPEAN GRASSLANDS. <i>Ecological Monographs</i> , 2005, 75, 37-63.	5.4	439
8	Endophytic bacteria and their potential to enhance heavy metal phytoextraction. <i>Chemosphere</i> , 2009, 77, 153-160.	8.2	351
9	Biochemical and Molecular Mechanisms of Plant-Microbe-Metal Interactions: Relevance for Phytoremediation. <i>Frontiers in Plant Science</i> , 2016, 7, 918.	3.6	324
10	Drought and Salinity Stress Responses and Microbe-Induced Tolerance in Plants. <i>Frontiers in Plant Science</i> , 2020, 11, 591911.	3.6	315
11	Inoculation of endophytic bacteria on host and non-host plants—Effects on plant growth and Ni uptake. <i>Journal of Hazardous Materials</i> , 2011, 195, 230-237.	12.4	312
12	Influence of metal resistant-plant growth-promoting bacteria on the growth of <i>Ricinus communis</i> in soil contaminated with heavy metals. <i>Chemosphere</i> , 2008, 71, 834-842.	8.2	300
13	Eutrophication and macroalgal blooms in temperate and tropical coastal waters: nutrient enrichment experiments with <i>Ulva</i> spp.. <i>Global Change Biology</i> , 2010, 16, 2624-2637.	9.5	291
14	The hyperaccumulator <i>Sedum plumbizincicola</i> harbors metal-resistant endophytic bacteria that improve its phytoextraction capacity in multi-metal contaminated soil. <i>Journal of Environmental Management</i> , 2015, 156, 62-69.	7.8	251
15	Inoculation of plant growth promoting bacterium <i>Achromobacter xylosoxidans</i> strain Ax10 for the improvement of copper phytoextraction by <i>Brassica juncea</i> . <i>Journal of Environmental Management</i> , 2009, 90, 831-837.	7.8	247
16	Leaf traits capture the effects of land use changes and climate on litter decomposability of grasslands across Europe. <i>Ecology</i> , 2009, 90, 598-611.	3.2	243
17	Plant community tolerant to trace elements growing on the degraded soils of São Domingos mine in the south east of Portugal: environmental implications. <i>Environment International</i> , 2004, 30, 65-72.	10.0	214
18	Short- and long-term impacts of <i>Acacia longifolia</i> invasion on the belowground processes of a Mediterranean coastal dune ecosystem. <i>Applied Soil Ecology</i> , 2008, 40, 210-217.	4.3	210

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19	Inoculation of <i>Brassica oxyrrhina</i> with plant growth promoting bacteria for the improvement of heavy metal phytoremediation under drought conditions. <i>Journal of Hazardous Materials</i> , 2016, 320, 36-44.	12.4	205
20	Improvement of plant growth and nickel uptake by nickel resistant-plant-growth promoting bacteria. <i>Journal of Hazardous Materials</i> , 2009, 166, 1154-1161.	12.4	194
21	Seed Coating: A Tool for Delivering Beneficial Microbes to Agricultural Crops. <i>Frontiers in Plant Science</i> , 2019, 10, 1357.	3.6	189
22	Climate change driven plant-metal-microbe interactions. <i>Environment International</i> , 2013, 53, 74-86.	10.0	188
23	Climatic significance of tree-ring width and intra-annual density fluctuations in <i>Pinus pinea</i> from a dry Mediterranean area in Portugal. <i>Annals of Forest Science</i> , 2007, 64, 229-238.	2.0	180
24	Effects of inoculation of plant-growth promoting bacteria on Ni uptake by Indian mustard. <i>Bioresource Technology</i> , 2008, 99, 3491-3498.	9.6	177
25	Plants growing in abandoned mines of Portugal are useful for biogeochemical exploration of arsenic, antimony, tungsten and mine reclamation. <i>Journal of Geochemical Exploration</i> , 2005, 85, 99-107.	3.2	168
26	Mechanism of control of root-feeding nematodes by mycorrhizal fungi in the dune grass <i>Ammophila arenaria</i> . <i>New Phytologist</i> , 2006, 169, 829-840.	7.3	166
27	Testing for the survey mode effect on contingent valuation data quality: A case study of web based versus in-person interviews. <i>Ecological Economics</i> , 2007, 62, 388-398.	5.7	152
28	Potential of plant beneficial bacteria and arbuscular mycorrhizal fungi in phytoremediation of metal-contaminated saline soils. <i>Journal of Hazardous Materials</i> , 2019, 379, 120813.	12.4	146
29	Removal of toxic metals from solution by leaf, stem and root phytomass of <i>Quercus ilex</i> L. (holly oak). <i>Environmental Pollution</i> , 2000, 110, 277-283.	7.5	145
30	Phytoextraction of heavy metal polluted soils using <i>Sedum plumbizincicola</i> inoculated with metal mobilizing <i>Phyllobacterium myrsinacearum</i> RC6b. <i>Chemosphere</i> , 2013, 93, 1386-1392.	8.2	133
31	Biotechnological applications of serpentine soil bacteria for phytoremediation of trace metals. <i>Critical Reviews in Biotechnology</i> , 2009, 29, 120-130.	9.0	129
32	Isolation and characterization of Ni mobilizing PGPB from serpentine soils and their potential in promoting plant growth and Ni accumulation by <i>Brassica</i> spp.. <i>Chemosphere</i> , 2009, 75, 719-725.	8.2	127
33	Soil recovery after removal of the N ₂ -fixing invasive <i>Acacia longifolia</i> : consequences for ecosystem restoration. <i>Biological Invasions</i> , 2009, 11, 813-823.	2.4	118
34	Belowground mutualists and the invasive ability of <i>Acacia longifolia</i> in coastal dunes of Portugal. <i>Biological Invasions</i> , 2009, 11, 651-661.	2.4	116
35	Analysis of serpentinophytes from north-east of Portugal for trace metal accumulation-relevance to the management of mine environment. <i>Chemosphere</i> , 2004, 54, 1625-1642.	8.2	114
36	Fungal diversity in ancient documents. A case study on the Archive of the University of Coimbra. <i>International Biodeterioration and Biodegradation</i> , 2009, 63, 626-629.	3.9	111

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37	Ecophysiological tolerance of duckweeds exposed to copper. <i>Aquatic Toxicology</i> , 2009, 91, 1-9.	4.0	109
38	Effect of invasive <i>Acacia dealbata</i> Link on soil microorganisms as determined by PCR-DGGE. <i>Applied Soil Ecology</i> , 2010, 44, 245-251.	4.3	107
39	Characterization of metal-resistant plant growth promoting <i>Bacillus weihenstephanensis</i> isolated from serpentine soil in Portugal. <i>Journal of Basic Microbiology</i> , 2008, 48, 500-508.	3.3	101
40	Improvement of Ni phytostabilization by inoculation of Ni resistant <i>Bacillus megaterium</i> SR28C. <i>Journal of Environmental Management</i> , 2013, 128, 973-980.	7.8	96
41	Xylogenesis of <i>Pinus pinaster</i> under a Mediterranean climate. <i>Annals of Forest Science</i> , 2014, 71, 71-80.	2.0	96
42	Physiological integration increases the survival and growth of the clonal invader <i>Carpobrotus edulis</i> . <i>Biological Invasions</i> , 2010, 12, 1815-1823.	2.4	95
43	Climate controls act at different scales on the seasonal pattern of <i>Quercus ilex</i> L. stem radial increments in NE Spain. <i>Trees - Structure and Function</i> , 2011, 25, 637-646.	1.9	94
44	Change in plant spatial patterns and diversity along the successional gradient of Mediterranean grazing ecosystems. <i>Ecological Modelling</i> , 2004, 180, 523-535.	2.5	93
45	Vessel features of <i>Quercus ilex</i> L. growing under Mediterranean climate have a better climatic signal than tree-ring width. <i>Trees - Structure and Function</i> , 2010, 24, 463-470.	1.9	93
46	Serpentine endophytic bacterium <i>Pseudomonas azotoformans</i> ASS1 accelerates phytoremediation of soil metals under drought stress. <i>Chemosphere</i> , 2017, 185, 75-85.	8.2	93
47	Impact of abundance weighting on the response of seed traits to climate and land use. <i>Journal of Ecology</i> , 2008, 96, 355-366.	4.0	92
48	Inoculation of Ni-Resistant Plant Growth Promoting Bacterium <i>Psychrobacter</i> sp. Strain SRS8 for the Improvement of Nickel Phytoextraction by Energy Crops. <i>International Journal of Phytoremediation</i> , 2010, 13, 126-139.	3.1	92
49	Knowledge explosion in phytotechnologies for environmental solutions. <i>Environmental Pollution</i> , 2010, 158, 18-23.	7.5	85
50	Seed ecology of an invasive alien species, <i>Acacia longifolia</i> (Fabaceae), in Portuguese dune ecosystems. <i>American Journal of Botany</i> , 2010, 97, 1780-1790.	1.7	83
51	Seasonal and daily cycles of stem radial variation of <i>Pinus pinaster</i> in a drought-prone environment. <i>Agricultural and Forest Meteorology</i> , 2013, 180, 173-181.	4.8	82
52	Serpentine bacteria influence metal translocation and bioconcentration of <i>Brassica juncea</i> and <i>Ricinus communis</i> grown in multi-metal polluted soils. <i>Frontiers in Plant Science</i> , 2014, 5, 757.	3.6	79
53	Impact of wildfire return interval on the ectomycorrhizal resistant propagules communities of a Mediterranean open forest. <i>Fungal Biology</i> , 2010, 114, 628-636.	2.5	77
54	Amelioration of chromium and heat stresses in <i>Sorghum bicolor</i> by Cr ⁶⁺ reducing-thermotolerant plant growth promoting bacteria. <i>Chemosphere</i> , 2020, 244, 125521.	8.2	75

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55	Adjustment Capacity of Maritime Pine Cambial Activity in Drought-Prone Environments. PLoS ONE, 2015, 10, e0126223.	2.5	74
56	Invasive <i>Acacia longifolia</i> induce changes in the microbial catabolic diversity of sand dunes. Soil Biology and Biochemistry, 2008, 40, 2563-2568.	8.8	73
57	The potential role of seed banks in the recovery of dune ecosystems after removal of invasive plant species. Applied Vegetation Science, 2011, 14, 107-119.	1.9	70
58	Dendroanalysis: a tool for biomonitoring environmental pollution?. Science of the Total Environment, 1999, 232, 33-37.	8.0	68
59	Preparation, characterization, bioactive and metal uptake studies of alginate/phosphorylated chitin blend films. International Journal of Biological Macromolecules, 2009, 44, 107-111.	7.5	67
60	Above-ground biomass and productivity in the Montado: From herbaceous to shrub dominated communities. Journal of Arid Environments, 2009, 73, 506-511.	2.4	67
61	Inoculation with Metal-Mobilizing Plant-Growth-Promoting <i>Rhizobacterium</i> <i>Bacillus</i> sp. SC2b and Its Role in Rhizoremediation. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2015, 78, 931-944.	2.3	67
62	Bioaugmentation with Endophytic Bacterium E6S Homologous to <i>Achromobacter piechaudii</i> Enhances Metal Rhizoaccumulation in Host <i>Sedum plumbizincicola</i> . Frontiers in Plant Science, 2016, 7, 75.	3.6	65
63	Relationships between climate and double rings in <i>Quercus ilex</i> from northeast Spain. Canadian Journal of Forest Research, 2007, 37, 1915-1923.	1.7	62
64	Temporal changes in the impacts on plant communities of an invasive alien tree, <i>Acacia longifolia</i> . Plant Ecology, 2015, 216, 1481-1498.	1.6	62
65	Co-introduction of exotic rhizobia to the rhizosphere of the invasive legume <i>Acacia saligna</i> , an intercontinental study. Applied Soil Ecology, 2013, 64, 118-126.	4.3	61
66	Plant-soil feedback as a mechanism of invasion by <i>Carpobrotus edulis</i> . Biological Invasions, 2010, 12, 3637-3648.	2.4	60
67	Chlorophyll fluorescence and oxidative stress endpoints to discriminate olive cultivars tolerance to drought and heat episodes. Scientia Horticulturae, 2018, 231, 31-35.	3.6	59
68	The early effects of afforestation on biodiversity of grasslands in Ireland. Biodiversity and Conservation, 2008, 17, 1057-1072.	2.6	56
69	Land use practices and ectomycorrhizal fungal communities from oak woodlands dominated by <i>Quercus suber</i> L. considering drought scenarios. Mycorrhiza, 2010, 20, 73-88.	2.8	56
70	Diversity of AMF associated with <i>Ammophila arenaria</i> ssp. <i>arundinacea</i> in Portuguese sand dunes. Mycorrhiza, 2006, 16, 543-552.	2.8	55
71	Modulation of leaf attributes and water use efficiency in <i>Quercus suber</i> along a rainfall gradient. Trees - Structure and Function, 2009, 23, 267-275.	1.9	55
72	Nematode Interactions in Nature: Models for Sustainable Control of Nematode Pests of Crop Plants?. Advances in Agronomy, 2006, 89, 227-260.	5.2	54

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73	Using ordinal partition transition networks to analyze ECG data. <i>Chaos</i> , 2016, 26, 073114.	2.5	54
74	Salt tolerance traits increase the invasive success of <i>Acacia longifolia</i> in Portuguese coastal dunes. <i>Plant Physiology and Biochemistry</i> , 2012, 55, 60-65.	5.8	53
75	An evolutionary perspective on leaf economics: phylogenetics of leaf mass per area in vascular plants. <i>Ecology and Evolution</i> , 2014, 4, 2799-2811.	1.9	53
76	Functional response traits in relation to land use change in the Montado. <i>Agriculture, Ecosystems and Environment</i> , 2010, 137, 183-191.	5.3	52
77	Post-clearing recovery of coastal dunes invaded by <i>Acacia longifolia</i> : is duration of invasion relevant for management success?. <i>Journal of Applied Ecology</i> , 2011, 48, 1295-1304.	4.0	52
78	Which matters most for the formation of intra-annual density fluctuations in <i>Pinus pinaster</i> : age or size?. <i>Trees - Structure and Function</i> , 2015, 29, 237-245.	1.9	52
79	Multilayer networks reveal the spatial structure of seed-dispersal interactions across the Great Rift landscapes. <i>Nature Communications</i> , 2018, 9, 140.	12.8	52
80	Plant growth promoting bacteria improve growth and phytostabilization potential of <i>Zea mays</i> under chromium and drought stress by altering photosynthetic and antioxidant responses. <i>Environmental Technology and Innovation</i> , 2022, 25, 102154.	6.1	52
81	Assessing the suitability and safety of a well-known bud-galling wasp, <i>Trichilogaster acaciaelongifoliae</i> , for biological control of <i>Acacia longifolia</i> in Portugal. <i>Biological Control</i> , 2011, 56, 193-201.	3.0	49
82	Arbuscular mycorrhizal fungi of <i>Ammophila arenaria</i> (L.) Link: Spore abundance and root colonisation in six locations of the European coast. <i>European Journal of Soil Biology</i> , 2008, 44, 30-36.	3.2	46
83	Developmentally-programmed division of labour in the clonal invader <i>Carpobrotus edulis</i> . <i>Biological Invasions</i> , 2013, 15, 1895-1905.	2.4	45
84	Adaptive plasticity to heterogeneous environments increases capacity for division of labor in the clonal invader <i>Carpobrotus edulis</i> (Aizoaceae). <i>American Journal of Botany</i> , 2014, 101, 1301-1308.	1.7	45
85	The antioxidant system in <i>Olea europaea</i> to enhanced UV-B radiation also depends on flavonoids and secoiridoids. <i>Phytochemistry</i> , 2020, 170, 112199.	2.9	45
86	Guia prático para a identificação de plantas invasoras em Portugal. , 2014, , .		45
87	Effects of chitin and salicylic acid on biological control activity of <i>Pseudomonas</i> spp. against damping off of pepper. <i>South African Journal of Botany</i> , 2008, 74, 268-273.	2.5	44
88	Evidence of adaptive tolerance to nickel in isolates of <i>Cenococcum geophilum</i> from serpentine soils. <i>Mycorrhiza</i> , 2009, 19, 221-230.	2.8	44
89	UV-B radiation modulates physiology and lipophilic metabolite profile in <i>Olea europaea</i> . <i>Journal of Plant Physiology</i> , 2018, 222, 39-50.	3.5	44
90	Editorial: Beneficial Microbes Alleviate Climatic Stresses in Plants. <i>Frontiers in Plant Science</i> , 2019, 10, 595.	3.6	44

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91	Seed coating with arbuscular mycorrhizal fungi as an ecotechnological approach for sustainable agricultural production of common wheat (<i>Triticum aestivum</i> L.). <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2016, 79, 329-337.	2.3	43
92	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
93	Genetic diversity and differential in vitro responses to Ni in <i>Cenococcum geophilum</i> isolates from serpentine soils in Portugal. <i>Mycorrhiza</i> , 2007, 17, 677-686.	2.8	42
94	Dendrochronology of <i>Quercus ilex</i> L. and its potential use for climate reconstruction in the Mediterranean region. <i>Canadian Journal of Forest Research</i> , 2009, 39, 2486-2493.	1.7	42
95	Biodiversity in urban ecosystems: Plants and macromycetes as indicators for conservation planning in the city of Coimbra (Portugal). <i>Landscape and Urban Planning</i> , 2012, 106, 88-102.	7.5	40
96	Flow cytometry as a tool to assess the effects of gamma radiation on the viability, growth and metabolic activity of fungal spores. <i>International Biodeterioration and Biodegradation</i> , 2013, 84, 250-257.	3.9	40
97	Spatio-temporal dynamics of soil bacterial communities as a function of Amazon forest phenology. <i>Scientific Reports</i> , 2018, 8, 4382.	3.3	40
98	Seed coating with inocula of arbuscular mycorrhizal fungi and plant growth promoting rhizobacteria for nutritional enhancement of maize under different fertilisation regimes. <i>Archives of Agronomy and Soil Science</i> , 2019, 65, 31-43.	2.6	40
99	Genetic Diversity of Rhizobia Associated with <i>Acacia longifolia</i> in Two Stages of Invasion of Coastal Sand Dunes. <i>Applied and Environmental Microbiology</i> , 2007, 73, 5066-5070.	3.1	38
100	Public Perception of Invasive Plant Species: Assessing the impact of workshop activities to promote young students' awareness. <i>International Journal of Science Education</i> , 2013, 35, 690-712.	1.9	37
101	Large and variable genome size unrelated to serpentine adaptation but supportive of cryptic sexuality in <i>Cenococcum geophilum</i> . <i>Mycorrhiza</i> , 2014, 24, 13-20.	2.8	37
102	Genetic Diversity of the Macaronesian Leafy Liverwort <i>Porella canariensis</i> Inferred From RAPD Markers. <i>Journal of Heredity</i> , 2001, 92, 339-345.	2.4	34
103	Effects of nickel hyperaccumulation in <i>Alyssum pintodasilvae</i> on model arthropods representatives of two trophic levels. <i>Plant and Soil</i> , 2007, 293, 177-188.	3.7	34
104	Cost-benefit analysis of the Zonal Program of Castro Verde (Portugal): Highlighting the trade-off between biodiversity and soil conservation. <i>Soil and Tillage Research</i> , 2007, 97, 79-90.	5.6	34
105	Contrasting soil fungal communities in Mediterranean pine forests subjected to different wildfire frequencies. <i>Fungal Diversity</i> , 2015, 70, 85-99.	12.3	33
106	Effects of land abandonment on plant litter decomposition in a Montado system: relation to litter chemistry and community functional parameters. <i>Plant and Soil</i> , 2010, 333, 181-190.	3.7	32
107	Common environmental factors explain both ectomycorrhizal species diversity and pine regeneration variability in a post-fire Mediterranean forest. <i>Mycorrhiza</i> , 2011, 21, 549-558.	2.8	32
108	Is the potential for the formation of common mycorrhizal networks influenced by fire frequency?. <i>Soil Biology and Biochemistry</i> , 2012, 46, 136-144.	8.8	32

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109	Working with Nature by Protecting Sand Dunes: Lessons Learned. <i>Journal of Coastal Research</i> , 2010, 26, 1068-1078.	0.3	31
110	Delivery of Inoculum of <i>Rhizophagus irregularis</i> via Seed Coating in Combination with <i>Pseudomonas libanensis</i> for Cowpea Production. <i>Agronomy</i> , 2019, 9, 33.	3.0	31
111	Recovery Potential of Dune Ecosystems Invaded by an Exotic Acacia Species (<i>Acacia</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 662	0.9	30
112	Valuing native ectomycorrhizal fungi as a Mediterranean forestry component for sustainable and innovative solutions. <i>Botany</i> , 2014, 92, 161-171.	1.0	30
113	Arbuscular mycorrhizal fungi in <i>Mimosa tenuiflora</i> (Willd.) Poir from Brazilian semi-arid. <i>Brazilian Journal of Microbiology</i> , 2016, 47, 359-366.	2.0	30
114	First report of the establishment of the biocontrol agent <i>Trichilogaster acaciaelongifoliae</i> for control of invasive <i>Acacia longifolia</i> in <i>Portugal</i> . <i>EPPO Bulletin</i> , 2017, 47, 274-278.	0.8	30
115	Long-term sustainability of cork oak agro-forests in the Iberian Peninsula: A model-based approach aimed at supporting the best management options for the montado conservation. <i>Ecological Modelling</i> , 2017, 343, 68-79.	2.5	30
116	The combined role of topography and overstorey tree composition in promoting edaphic and floristic variation in a Mediterranean forest. <i>Ecological Research</i> , 2005, 20, 668-677.	1.5	29
117	Effect of pre-treatment and supporting media on Ni(II), Cu(II), Al(III) and Fe(III) sorption by plant root material. <i>Chemosphere</i> , 2007, 68, 537-545.	8.2	29
118	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
119	<i>Salicornia ramosissima</i> population dynamics and tolerance of salinity. <i>Ecological Research</i> , 2007, 22, 125-134.	1.5	27
120	Bioactive and metal uptake studies of carboxymethyl chitosan-graft-d-glucuronic acid membranes for tissue engineering and environmental applications. <i>International Journal of Biological Macromolecules</i> , 2009, 45, 135-139.	7.5	27
121	Growth and nutrition of cowpea (<i>Vigna unguiculata</i>) under water deficit as influenced by microbial inoculation via seed coating. <i>Journal of Agronomy and Crop Science</i> , 2019, 205, 447-459.	3.5	27
122	Eutrophication in Portuguese estuaries evidenced by $\delta^{15}N$ of macrophytes. <i>Marine Ecology - Progress Series</i> , 2007, 351, 43-51.	1.9	27
123	Importance of Bladder Hairs for Salt Tolerance of Field-Grown <i>Atriplex</i> Species from a Portuguese Salt Marsh. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 1992, 187, 283-297.	1.2	26
124	Can root-feeders alter the composition of AMF communities? Experimental evidence from the dune grass <i>Ammophila arenaria</i> . <i>Basic and Applied Ecology</i> , 2009, 10, 131-140.	2.7	26
125	Influence of forest structure and environmental variables on recruit survival and performance of two Mediterranean tree species (<i>Quercus faginea</i> L. and <i>Q. suber</i> Lam.). <i>European Journal of Forest Research</i> , 2009, 128, 27-36.	2.5	26
126	Early detection, herbicide resistance screening, and integrated management of invasive plant species: a review. <i>Pest Management Science</i> , 2022, 78, 3957-3972.	3.4	26

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127	<i>Drosophyllum lusitanicum</i> , an endangered West Mediterranean endemic carnivorous plant: threats and its ability to control available resources. <i>Botanical Journal of the Linnean Society</i> , 2002, 140, 383-390.	1.6	25
128	Factors affecting cork oak (<i>Quercus suber</i>) regeneration: acorn sowing success and seedling survival under field conditions. <i>Plant Ecology and Diversity</i> , 2015, 8, 519-528.	2.4	25
129	Intraspecific competition and water use efficiency in <i>Quercus suber</i> : evidence of an optimum tree density?. <i>Trees - Structure and Function</i> , 2008, 22, 521-530.	1.9	24
130	Biological Invasion Influences the Outcome of Plant-Soil Feedback in the Invasive Plant Species from the Brazilian Semi-arid. <i>Microbial Ecology</i> , 2018, 76, 102-112.	2.8	24
131	Counteracting gradients of light and soil nutrients in the understory of Mediterranean oak forests. <i>Web Ecology</i> , 2006, 6, 67-74.	1.6	24
132	Radial distribution of Ni in stemwood of <i>Quercus ilex</i> L. trees grown on serpentine and sandy loam (umbric leptosol) soils of NE-Portugal. <i>Plant and Soil</i> , 1996, 183, 181-185.	3.7	23
133	Phenological dynamics of the invasive plant <i>Acacia longifolia</i> in Portugal. <i>Weed Research</i> , 2015, 55, 555-564.	1.7	23
134	Arbuscular mycorrhizal fungi are an alternative to the application of chemical fertilizer in the production of the medicinal and aromatic plant <i>Coriandrum sativum</i> L.. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2016, 79, 320-328.	2.3	23
135	Supported metalloporphyrins as reusable catalysts for the degradation of antibiotics: Synthesis, characterization, activity and ecotoxicity studies. <i>Applied Catalysis B: Environmental</i> , 2021, 282, 119556.	20.2	23
136	Co-occurrence patterns and abiotic stress in sand-dune communities: Their relationship varies with spatial scale and the stress estimator. <i>Acta Oecologica</i> , 2010, 36, 80-84.	1.1	22
137	Rain exclusion affects cambial activity in adult maritime pines. <i>Agricultural and Forest Meteorology</i> , 2017, 237-238, 303-310.	4.8	22
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