

Helena Freitas

List of Publications by Year in descending order

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227
papers

17,616
citations

19657

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15732

125
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docs citations

231
times ranked

16608
citing authors

#	ARTICLE	IF	CITATIONS
1	Plant growth promoting bacteria improve growth and phytostabilization potential of Zea mays under chromium and drought stress by altering photosynthetic and antioxidant responses. Environmental Technology and Innovation, 2022, 25, 102154.	6.1	52
2	Metal accumulation by <i>Alyssum serpyllifolium</i> subsp. <i>malacitanum</i> Rivas Goday (Brassicaceae) across different petrographic entities in South-Iberian ultramafic massifs: plant-soil relationships and prospects for phytomining. International Journal of Phytoremediation, 2022, 24, 1301-1309.	3.1	2
3	Decomposition Rate of Organic Residues and Soil Organisms' Abundance in a Subtropical <i>Pyrus pyrifolia</i> Field. Agronomy, 2022, 12, 263.	3.0	10
4	Aboveground Biomass, Carbon Sequestration, and Yield of <i>Pyrus pyrifolia</i> under the Management of Organic Residues in the Subtropical Ecosystem of Southern Brazil. Agronomy, 2022, 12, 231.	3.0	4
5	Early detection, herbicide resistance screening, and integrated management of invasive plant species: a review. Pest Management Science, 2022, 78, 3957-3972.	3.4	26
6	Nitrogen pulses increase fungal pathogens in Amazonian lowland tropical rain forests. Journal of Ecology, 2022, 110, 1775-1789.	4.0	1
7	<i>Solanum elaeagnifolium</i> Cav. (Solanales: Solanaceae) presence confirmed in Portugal. EPPO Bulletin, 2022, 52, 499-504.	0.8	5
8	Supported metalloporphyrins as reusable catalysts for the degradation of antibiotics: Synthesis, characterization, activity and ecotoxicity studies. Applied Catalysis B: Environmental, 2021, 282, 119556.	20.2	23
9	Audio-Visual Tools in Science Communication: The Video Abstract in Ecology and Environmental Sciences. Frontiers in Communication, 2021, 6, .	1.2	5
10	Bacterial and Archaeal Structural Diversity in Several Biodeterioration Patterns on the Limestone Walls of the Old Cathedral of Coimbra. Microorganisms, 2021, 9, 709.	3.6	20
11	Editorial: Advanced Microbial Biotechnologies for Sustainable Agriculture. Frontiers in Microbiology, 2021, 12, 634891.	3.5	3
12	Encapsulation of <i>Pseudomonas libanensis</i> in alginate beads to sustain bacterial viability and inoculation of <i>Vigna unguiculata</i> under drought stress. 3 Biotech, 2021, 11, 293.	2.2	8
13	Establishment, spread and early impacts of the first biocontrol agent against an invasive plant in continental Europe. Journal of Environmental Management, 2021, 290, 112545.	7.8	15
14	Enhanced phytoextraction of multi-metal contaminated soils under increased atmospheric temperature by bioaugmentation with plant growth promoting <i>Bacillus cereus</i> . Journal of Environmental Management, 2021, 289, 112553.	7.8	22
15	Exploring the use of residues from the invasive <i>Acacia</i> sp. for weed control. Renewable Agriculture and Food Systems, 2020, 35, 26-37.	1.8	16
16	Using microbial seed coating for improving cowpea productivity under a low-input agricultural system. Journal of the Science of Food and Agriculture, 2020, 100, 1092-1098.	3.5	11
17	The antioxidant system in <i>Olea europaea</i> to enhanced UV-B radiation also depends on flavonoids and secoiridoids. Phytochemistry, 2020, 170, 112199.	2.9	45
18	Amelioration of chromium and heat stresses in <i>Sorghum bicolor</i> by Cr ⁶⁺ reducing-thermotolerant plant growth promoting bacteria. Chemosphere, 2020, 244, 125521.	8.2	75

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19	Drought and Salinity Stress Responses and Microbe-Induced Tolerance in Plants. <i>Frontiers in Plant Science</i> , 2020, 11, 591911.	3.6	315
20	Diversity and distribution of arbuscular mycorrhizal fungi along a land use gradient in Terceira Island (Azores). <i>Mycological Progress</i> , 2020, 19, 643-656.	1.4	8
21	An Energy Harvester for Low-Frequency Electrical Signals. <i>Energy Technology</i> , 2020, 8, 2070063.	3.8	2
22	An Energy Harvester for Low-Frequency Electrical Signals. <i>Energy Technology</i> , 2020, 8, 2000114.	3.8	10
23	The value of the botany archive of the University of Coimbra (Portugal) to biodiversity research, crowdsourcing and history of science projects. <i>Comma</i> , 2020, 2018, 117-126.	0.0	0
24	Distribution of arbuscular mycorrhizal fungi (AMF) in Terceira and São Miguel Islands (Azores). <i>Biodiversity Data Journal</i> , 2020, 8, e49759.	0.8	4
25	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
26	Plant-soil feedback of two legume species in semi-arid Brazil. <i>Brazilian Journal of Microbiology</i> , 2019, 50, 1011-1020.	2.0	17
27	Seasonal adjustment of primary and secondary growth in maritime pine under simulated climatic changes. <i>Annals of Forest Science</i> , 2019, 76, 1.	2.0	16
28	Seed Coating: A Tool for Delivering Beneficial Microbes to Agricultural Crops. <i>Frontiers in Plant Science</i> , 2019, 10, 1357.	3.6	189
29	Seed Coating with Arbuscular Mycorrhizal Fungi for Improved Field Production of Chickpea. <i>Agronomy</i> , 2019, 9, 471.	3.0	19
30	Is richer always better? Consequences of invaded N-rich soils for the early growth of a native and an invasive species. <i>Flora: Morphology, Distribution, Functional Ecology of Plants</i> , 2019, 260, 151469.	1.2	3
31	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
32	Editorial: Beneficial Microbes Alleviate Climatic Stresses in Plants. <i>Frontiers in Plant Science</i> , 2019, 10, 595.	3.6	44
33	Integrating plant species contribution to mycorrhizal and seed dispersal mutualistic networks. <i>Biology Letters</i> , 2019, 15, 20180770.	2.3	6
34	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
35	Heat shock and UV-B episodes modulate olive leaves lipophilic and phenolic metabolite profiles. <i>Industrial Crops and Products</i> , 2019, 133, 269-275.	5.2	20
36	Influence of <i>Acacia dealbata</i> Link bark extracts on the growth of <i>Allium cepa</i> L. plants under high salinity conditions. <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 4072-4081.	3.5	11

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37	Decomposition of an N-fixing invasive plant compared with a native species: Consequences for ecosystem. <i>Applied Soil Ecology</i> , 2019, 138, 19-31.	4.3	16
38	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
39	Herbicidal properties of the commercial formulation of methyl cinnamate, a natural compound in the invasive silver wattle (<i>Acacia dealbata</i>). <i>Weed Science</i> , 2019, , 1-10.	1.5	6
40	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
41	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
42	The role of fire history, land-use, and vegetation structure on the response of Mediterranean lizards to fire. <i>Forest Ecology and Management</i> , 2018, 419-420, 139-145.	3.2	10
43	Spatio-temporal dynamics of soil bacterial communities as a function of Amazon forest phenology. <i>Scientific Reports</i> , 2018, 8, 4382.	3.3	40
44	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
45	Of mammals and bacteria in a rainforest: Temporal dynamics of soil bacteria in response to simulated N pulse from mammalian urine. <i>Functional Ecology</i> , 2018, 32, 773-784.	3.6	15
46	Plant and microbial biodiversity in urban forests and public gardens: Insights for cities' sustainable development. <i>Urban Forestry and Urban Greening</i> , 2018, 29, 19-27.	5.3	20
47	Chlorophyll fluorescence and oxidative stress endpoints to discriminate olive cultivars tolerance to drought and heat episodes. <i>Scientia Horticulturae</i> , 2018, 231, 31-35.	3.6	59
48	Funneliformis mosseae and Invasion by Exotic Legumes in a Brazilian Tropical Seasonal Dry Forest. <i>Russian Journal of Ecology</i> , 2018, 49, 500-506.	0.9	2
49	Long-Term Effects of Fertilization on Soil Organism Diversity. <i>Sustainable Agriculture Reviews</i> , 2018, , 211-247.	1.1	15
50	Plant sex and phenological stage affect interactions with rhizosphere nematode communities. <i>Plant Ecology and Diversity</i> , 2018, 11, 227-238.	2.4	1
51	<i>Soil Microorganisms</i> . , 2018, , 457-482.		2
52	Leaf decomposition of cork oak under three different land uses within a montado of southern Portugal. <i>Soil Research</i> , 2017, 55, 215.	1.1	2
53	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
54	Arbuscular mycorrhizal fungal community assembly in the Brazilian tropical seasonal dry forest. <i>Ecological Processes</i> , 2017, 6, .	3.9	17

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55	Rain exclusion affects cambial activity in adult maritime pines. <i>Agricultural and Forest Meteorology</i> , 2017, 237-238, 303-310.	4.8	22
56	First report of the establishment of the biocontrol agent <i>Trichilogaster acaciaelongifoliae</i> for control of invasive <i>Acacia longifolia</i> in Portugal. <i>EPPO Bulletin</i> , 2017, 47, 274-278.	0.8	30
57	<i>Corema album</i> : unbiased dioecy in a competitive environment. <i>Plant Biology</i> , 2017, 19, 824-834.	3.8	6
58	Endophytic Actinobacteria for Sustainable Agricultural Applications. <i>Sustainable Development and Biodiversity</i> , 2017, , 163-189.	1.7	9
59	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
60	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
61	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
62	Temporal effects dominate land use as factors affecting soil nematode communities in Mediterranean oak woodlands. <i>Agroforestry Systems</i> , 2016, 90, 127-136.	2.0	5
63	Could biological invasion by <i>Cryptostegia madagascariensis</i> alter the composition of the arbuscular mycorrhizal fungal community in semi-arid Brazil?. <i>Acta Botanica Brasilica</i> , 2016, 30, 93-101.	0.8	21
64	Biochemical and Molecular Mechanisms of Plant-Microbe-Metal Interactions: Relevance for Phytoremediation. <i>Frontiers in Plant Science</i> , 2016, 7, 918.	3.6	324
65	Bioaugmentation with Endophytic Bacterium E6S Homologous to <i>Achromobacter piechaudii</i> Enhances Metal Rhizoaccumulation in Host <i>Sedum plumbizincicola</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 75.	3.6	65
66	Using ordinal partition transition networks to analyze ECG data. <i>Chaos</i> , 2016, 26, 073114.	2.5	54
67	Trends in plant and soil microbial diversity associated with Mediterranean extensive cereal "fallow rotation agro-ecosystems. <i>Agriculture, Ecosystems and Environment</i> , 2016, 217, 33-40.	5.3	17
68	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
69	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
70	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
71	An indicator to assess the pellet production per forest area. A case-study from Portugal. <i>Forest Policy and Economics</i> , 2016, 70, 99-105.	3.4	9
72	Inconsistency in the detection of phytotoxic effects: A test with <i>Acacia dealbata</i> extracts using two different methods. <i>Phytochemistry Letters</i> , 2016, 15, 190-198.	1.2	11

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73	Beneficial role of bacterial endophytes in heavy metal phytoremediation. <i>Journal of Environmental Management</i> , 2016, 174, 14-25.	7.8	490
74	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
75	Phenological dynamics of the invasive plant <i>Acacia longifolia</i> in Portugal. <i>Weed Research</i> , 2015, 55, 555-564.	1.7	23
76	Adjustment Capacity of Maritime Pine Cambial Activity in Drought-Prone Environments. <i>PLoS ONE</i> , 2015, 10, e0126223.	2.5	74
77	Isolation of natural radiation to indoor applications with wood-based products: a case study of the central region of Portugal. <i>International Wood Products Journal</i> , 2015, 6, 100-111.	1.1	1
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	Inoculation with Metal-Mobilizing Plant-Growth-Promoting <i>Rhizobacterium Bacillus</i> sp. SC2b and Its Role in Rhizoremediation. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2015, 78, 931-944.	2.3	67
80	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
81	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
82	Optimized DNA extraction method from skeletal remains using different typing methodologies in forensics. <i>Forensic Science International: Genetics Supplement Series</i> , 2015, 5, e223-e224.	0.3	3
83	Temporal changes in the impacts on plant communities of an invasive alien tree, <i>Acacia longifolia</i> . <i>Plant Ecology</i> , 2015, 216, 1481-1498.	1.6	62
84	Contrasting soil fungal communities in Mediterranean pine forests subjected to different wildfire frequencies. <i>Fungal Diversity</i> , 2015, 70, 85-99.	12.3	33
85	On the Limited Potential of Azorean Fleshy Fruits for Oceanic Dispersal. <i>PLoS ONE</i> , 2015, 10, e0138882.	2.5	12
86	Effect of physiological integration in self/non-self genotype recognition on the clonal invader <i>Carpobrotus edulis</i> . <i>Journal of Plant Ecology</i> , 2014, 7, 413-418.	2.3	21
87	Species composition of arbuscular mycorrhizal fungi differ in semi-natural and intensively managed pastures in an isolated oceanic island (Terceira, Azores). <i>Symbiosis</i> , 2014, 64, 73-85.	2.3	18
88	Valuing native ectomycorrhizal fungi as a Mediterranean forestry component for sustainable and innovative solutions. <i>Botany</i> , 2014, 92, 161-171.	1.0	30
89	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
90	Xylogenesis of <i>Pinus pinaster</i> under a Mediterranean climate. <i>Annals of Forest Science</i> , 2014, 71, 71-80.	2.0	96

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91	A Ni hyperaccumulator and a congeneric non-accumulator reveal equally effective defenses against herbivory. <i>Science of the Total Environment</i> , 2014, 466-467, 11-15.	8.0	17
92	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
93	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
94	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
95	Guia prático para a identificação de plantas invasoras em Portugal. , 2014, , .		45
96	Climate change driven plant-metal-microbe interactions. <i>Environment International</i> , 2013, 53, 74-86.	10.0	188
97	Developmentally-programmed division of labour in the clonal invader <i>Carpobrotus edulis</i> . <i>Biological Invasions</i> , 2013, 15, 1895-1905.	2.4	45
98	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
99	Influence of seasons and land-use practices on soil microbial activity and metabolic diversity in the Montado ecosystem. <i>European Journal of Soil Biology</i> , 2013, 59, 22-30.	3.2	20
100	High quality DNA from human remains obtained by using the Maxwell® 16 automated methodology. <i>Forensic Science International: Genetics Supplement Series</i> , 2013, 4, e248-e249.	0.3	6
101	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
102	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
103	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
104	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
105	Co-introduction of exotic rhizobia to the rhizosphere of the invasive legume <i>Acacia saligna</i> , an intercontinental study. <i>Applied Soil Ecology</i> , 2013, 64, 118-126.	4.3	61
106	No allelopathic effect of the invader <i>Acacia dealbata</i> on the potential infectivity of arbuscular mycorrhizal fungi from native soils. <i>European Journal of Soil Biology</i> , 2013, 58, 42-44.	3.2	8
107	The contribution of a spring water source to the water needs of the botanical garden of the University of Coimbra. <i>Water Science and Technology: Water Supply</i> , 2013, 13, 1410-1418.	2.1	3
108	Effects of Chitosan Derivatives on Plant Growth and Ni Uptake in <i>Ricinus Communis</i> and <i>Helianthus Annuus</i> . <i>Journal of Chitin and Chitosan Science</i> , 2013, 1, 65-70.	0.3	2

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109	The acclimation potential of <i>Acacia longifolia</i> to water stress: Implications for invasiveness. <i>Plant Science</i> , 2012, 196, 77-84.	3.6	13
110	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
111	Perspectives of plant-associated microbes in heavy metal phytoremediation. <i>Biotechnology Advances</i> , 2012, 30, 1562-1574.	11.7	785
112	Does salt stress increase the ability of the exotic legume <i>Acacia longifolia</i> to compete with native legumes in sand dune ecosystems?. <i>Environmental and Experimental Botany</i> , 2012, 82, 74-79.	4.2	17
113	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
114	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
115	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
116	The potential role of seed banks in the recovery of dune ecosystems after removal of invasive plant species. <i>Applied Vegetation Science</i> , 2011, 14, 107-119.	1.9	70
117	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
118	Effect of root age on the allocation of metals, amino acids and sugars in different cell fractions of the perennial grass <i>Paspalum notatum</i> (bahiagrass). <i>Plant Physiology and Biochemistry</i> , 2011, 49, 1442-1447.	5.8	16
119	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
120	Plant growth promoting rhizobacteria and endophytes accelerate phytoremediation of metalliferous soils. <i>Biotechnology Advances</i> , 2011, 29, 248-258.	11.7	954
121	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
122	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
123	Assessing the impact of understory vegetation cut on soil epigeic macrofauna from a cork-oak Montado in South Portugal. <i>Agroforestry Systems</i> , 2011, 82, 139-148.	2.0	14
124	Fungal fruitbodies and soil macrofauna as indicators of land use practices on soil biodiversity in Montado. <i>Agroforestry Systems</i> , 2011, 82, 121-138.	2.0	19
125	Spatial distribution of halophytes in the Mondego salt marsh and plant responses to environmental conditions. <i>Ecological Questions</i> , 2010, 14, .	0.3	0
126	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

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127	Land use practices and ectomycorrhizal fungal communities from oak woodlands dominated by <i>Quercus suber</i> L. considering drought scenarios. <i>Mycorrhiza</i> , 2010, 20, 73-88.	2.8	56
128	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
129	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
130	Weak effects of the exotic invasive <i>Carpobrotus edulis</i> on the structure and composition of Portuguese sand-dune communities. <i>Biological Invasions</i> , 2010, 12, 2117-2130.	2.4	21
131	Plant-soil feedback as a mechanism of invasion by <i>Carpobrotus edulis</i> . <i>Biological Invasions</i> , 2010, 12, 3637-3648.	2.4	60
132	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
133	Potential of siderophore-producing bacteria for improving heavy metal phytoextraction. <i>Trends in Biotechnology</i> , 2010, 28, 142-149.	9.3	927
134	Knowledge explosion in phytotechnologies for environmental solutions. <i>Environmental Pollution</i> , 2010, 158, 18-23.	7.5	85
135	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
136	Diversity of soil basidiomycete communities associated with <i>Quercus suber</i> L. in Portuguese montados. <i>European Journal of Soil Biology</i> , 2010, 46, 280-287.	3.2	10
137	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
138	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
139	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
140	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
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