

Maria Teresa Mas Serra

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

286
citations

933447

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940533

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30
all docs

30
docs citations

30
times ranked

316
citing authors

#	ARTICLE	IF	CITATIONS
1	Tillage system effects on weed communities in a 4-year crop rotation under Mediterranean dryland conditions. <i>Soil and Tillage Research</i> , 2003, 74, 15-24.	5.6	53
2	Mulching as an alternative technique for weed management in mandarin orchard tree rows. <i>Agronomy for Sustainable Development</i> , 2007, 27, 367-375.	5.3	28
3	Dormancy breaking in <i>Digitaria sanguinalis</i> seeds: the role of the caryopsis covering structures. <i>Seed Science and Technology</i> , 2008, 36, 259-270.	1.4	22
4	Weed community structure of mandarin orchards under conventional and integrated management in northern Spain. <i>Agriculture, Ecosystems and Environment</i> , 2007, 119, 305-310.	5.3	19
5	Weed communities of transgenic glyphosate-tolerant soyabean crops in ex-pasture land in the southern Mesopotamic Pampas of Argentina. <i>Weed Research</i> , 2010, 50, 320-330.	1.7	17
6	Density-related effects on the infectivity and aggressiveness of a sterilising smut in a wild population of <i>Digitaria sanguinalis</i> . <i>Plant Biology</i> , 2015, 17, 281-287.	3.8	17
7	Demography of <i>Digitaria sanguinalis</i> : Effect of the emergence time on survival, reproduction, and biomass. <i>Weed Biology and Management</i> , 2010, 10, 132-140.	1.4	16
8	Mechanical characterization of blends containing recycled paper pulp and other lignocellulosic materials to develop hydromulches for weed control. <i>Biosystems Engineering</i> , 2020, 191, 35-47.	4.3	16
9	Effects of Reduced and Conventional Tillage on Weed Communities: Results of a Long-Term Experiment in Southwestern Spain. <i>Planta Daninha</i> , 0, 37, .	0.5	13
10	The effect of a prototype hydromulch on soil water evaporation under controlled laboratory conditions. <i>Journal of Hydrology and Hydromechanics</i> , 2020, 68, 404-410.	2.0	11
11	Effects of loose smut on <i>Digitaria sanguinalis</i> population depending on seedling emergence period. <i>Acta Oecologica</i> , 2009, 35, 409-414.	1.1	10
12	The role of soil characteristics, soil tillage and drip irrigation in the timber production of a wild cherry orchard under Mediterranean conditions. <i>European Journal of Agronomy</i> , 2016, 72, 20-27.	4.1	8
13	Comparison of <i>Polygonum aviculare</i> L. seedling survival under different tillage systems in Mediterranean dryland agroecosystems. <i>Acta Oecologica</i> , 2004, 25, 119-127.	1.1	6
14	Cohort-dependent seedling recruitment, survival and reproductive capacity of <i>Tribulus terrestris</i> . <i>Weed Research</i> , 2006, 46, 371-378.	1.7	6
15	New report of loose smut (<i>Ustilago syntherismae</i>) on <i>Digitaria sanguinalis</i> in Spain.. <i>Plant Pathology</i> , 2006, 55, 298-298.	2.4	6
16	Within-population variation in resistance of <i>Digitaria sanguinalis</i> to <i>Ustilago syntherismae</i> resulting from different modes of seed germination and environment. <i>Plant Pathology</i> , 2014, 63, 140-147.	2.4	6
17	Crop rotation effects on weed communities of soybean (<i>Glycine max</i> L. Merr.) agricultural fields of the Flat Inland Pampa. <i>Crop Protection</i> , 2020, 130, 105068.	2.1	6
18	Modeling of the effects of thermal shocks varying in temperature and duration on cumulative germination of <i>Portulaca oleracea</i> L.. <i>Seed Science and Technology</i> , 2004, 32, 297-308.	1.4	5

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19	<i>Digitaria sanguinalis</i> seedling development pattern: Relationship with seed origin. Plant Biosystems, 2014, 148, 42-48.	1.6	4
20	Soil spatial distribution in a smut fungus-annual grass interaction: Exploring patterns to understand disease dynamics at plot scale. Fungal Ecology, 2018, 33, 40-51.	1.6	4
21	A note on prediction of maize stover quality by near-infrared reflectance spectroscopy (NIRS) technique. Journal of Animal and Feed Sciences, 1997, 6, 559-565.	1.1	4
22	Mesocotyl elongation in <i>Digitaria sanguinalis</i> during seedling development. Plant Biosystems, 2016, 150, 1175-1181.	1.6	3
23	Can Hydromulch Reduce the Emergence of Perennial Weeds?. Agronomy, 2021, 11, 393.	3.0	3
24	Hardpan in skeletal soils: Statistical approach to determine its depth in a cherry orchard plot. Biologia (Poland), 2015, 70, 1433-1438.	1.5	1
25	Seedling emergence through soil surface seals under laboratory conditions: effect of mechanical impedance and seal moisture. Biologia (Poland), 2017, 72, 862-868.	1.5	1
26	Assessing phenotypic quantitative resistance of <i>Digitaria sanguinalis</i> to <i>Ustilago syntherismae</i> : from individual to population level. Plant Biosystems, 2020, 154, 181-188.	1.6	1
27	Management of Vegetation in Orchard Boundaries by Mowing: Effect on Cover, Richness, and Community Composition. Agroecology and Sustainable Food Systems, 2012, 36, 810-823.	0.9	0
28	Hydrological soil behavior in areas with semi-arid vegetation (Beni Chougrane Mountains, Algeria). Biologia (Poland), 2016, 71, 1131-1136.	1.5	0
29	The dynamics of an interaction between <i>Digitaria sanguinalis</i> and <i>Ustilago syntherismae</i> at local scale is strongly influenced by environment and spatial distribution. Plant Pathology, 2020, 69, 221-230.	2.4	0
30	Modelizaci3n basada en agentes: canibalismo microbiano. Modelling in Science Education and Learning, 2019, 12, 5.	0.2	0