Maria Teresa Mas Serra

List of Publications by Year
in descending order

30	286	933447 10	940533 16
papers	citations	h-index	g-index

30	30	30	316
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Can Hydromulch Reduce the Emergence of Perennial Weeds?. Agronomy, 2021, 11, 393.	3.0	3
2	Assessing phenotypic quantitative resistance of Digitaria sanguinalis to Ustilago syntherismae: from individual to population level. Plant Biosystems, 2020, 154, 181-188.	1.6	1
3	Crop rotation effects on weed communities of soybean (Glycine max L. Merr.) agricultural fields of the Flat Inland Pampa. Crop Protection, 2020, 130, 105068.	2.1	6
4	The dynamics of an interaction between Digitaria sanguinalis and Ustilago syntherismae at local scale is strongly influenced by environment and spatial distribution. Plant Pathology, 2020, 69, 221-230.	2.4	0
5	Mechanical characterization of blends containing recycled paper pulp and other lignocellulosic materials to develop hydromulches for weed control. Biosystems Engineering, 2020, 191, 35-47.	4.3	16
6	The effect of a prototype hydromulch on soil water evaporation under controlled laboratory conditions. Journal of Hydrology and Hydromechanics, 2020, 68, 404-410.	2.0	11
7	ModelizaciÃ³n basada en agentes: canibalismo microbiano. Modelling in Science Education and Learning, 2019, 12, 5.	0.2	0
8	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
9	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
10	Hydrological soil behavior in areas with semi-arid vegetation (Beni Chougrane Mountains, Algeria). Biologia (Poland), 2016, 71, 1131-1136.	1.5	0
11	Mesocotyl elongation in Digitaria sanguinalis during seedling development. Plant Biosystems, 2016, 150, 1175-1181.	1.6	3
12	The role of soil characteristics, soil tillage and drip irrigation in the timber production of a wild cherry orchard under Mediterranean conditions. European Journal of Agronomy, 2016, 72, 20-27.	4.1	8
13	Hardpan in skeletal soils: Statistical approach to determine its depth in a cherry orchard plot. Biologia (Poland), 2015, 70, 1433-1438.	1.5	1
14	Densityâ€related effects on the infectivity and aggressiveness of a sterilising smut in a wild population of Digitaria sanguinalis. Plant Biology, 2015, 17, 281-287.	3.8	17
15	Withinâ€population variation in resistance of <scp>D</scp>igitaria sanguinalis to <scp>U</scp>stilago syntherismae resulting from different modes of seed germination and environment. Plant Pathology, 2014, 63, 140-147.	2.4	6
16	Digitaria sanguinalisseedling development pattern: Relationship with seed origin. Plant Biosystems, 2014, 148, 42-48.	1.6	4
17	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
18	Weed communities of transgenic glyphosateâ€tolerant soyabean crops in exâ€pasture land in the southern Mesopotamic Pampas of Argentina. Weed Research, 2010, 50, 320-330.	1.7	17

#	Article	IF	Citations
19	Demography of Digitaria sanguinalis: Effect of the emergence time on survival, reproduction, and biomass. Weed Biology and Management, 2010, 10, 132-140.	1.4	16
20	Effects of loose smut on Digitaria sanguinalis population depending on seedling emergence period. Acta Oecologica, 2009, 35, 409-414.	1.1	10
21	Dormancy breaking in Digitaria sanguinalis seeds: the role of the caryopsis covering structures. Seed Science and Technology, 2008, 36, 259-270.	1.4	22
22	Weed community structure of mandarin orchards under conventional and integrated management in northern Spain. Agriculture, Ecosystems and Environment, 2007, 119, 305-310.	5.3	19
23	Mulching as an alternative technique for weed management in mandarin orchard tree rows. Agronomy for Sustainable Development, 2007, 27, 367-375.	5.3	28
24	Cohort-dependent seedling recruitment, survival and reproductive capacity of Tribulus terrestris. Weed Research, 2006, 46, 371-378.	1.7	6
25	New report of loose smut (Ustilago syntherismae) on Digitaria sanguinalis in Spain.. Plant Pathology, 2006, 55, 298-298.	2.4	6
26	Modeling of the effects of thermal shocks varying in temperature and duration on cumulative germination of Portulaca oleracea L.. Seed Science and Technology, 2004, 32, 297-308.	1.4	5
27	Comparison of Polygonum aviculare L. seedling survival under different tillage systems in Mediterranean dryland agroecosystems. Acta Oecologica, 2004, 25, 119-127.	1.1	6
28	Tillage system effects on weed communities in a 4-year crop rotation under Mediterranean dryland conditions. Soil and Tillage Research, 2003, 74, 15-24.	5.6	53
29	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
30	Effects of Reduced and Conventional Tillage on Weed Communities: Results of a Long-Term Experiment in Southwestern Spain. Planta Daninha, 0, 37, .	0.5	13