Marco Mariotti

List of Publications by Year in descending order

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Version: 2024-02-01

41 papers	1,860 citations	430874 18 h-index	289244 40 g-index
43 all docs	43 docs citations	43 times ranked	2060 citing authors

#	Article	IF	Citations
1	Grain yield, and dry matter and nitrogen accumulation and remobilization in durum wheat as affected by variety and seeding rate. European Journal of Agronomy, 2006, 25, 309-318.	4.1	199
2	Climate change in Italy indicated by agrometeorological indices over 122 years. Agricultural and Forest Meteorology, 2002, 111, 13-27.	4.8	177
3	Post-anthesis dry matter and nitrogen dynamics in durum wheat as affected by nitrogen supply and soil water availability. European Journal of Agronomy, 2008, 28, 138-147.	4.1	174
4	Effect of irrigation and nitrogen fertilization on biomass yield and efficiency of energy use in crop production of Miscanthus. Field Crops Research, 1999, 63, 3-11.	5.1	166
5	Post-anthesis accumulation and remobilization of dry matter, nitrogen and phosphorus in durum wheat as affected by soil type. European Journal of Agronomy, 2007, 26, 179-186.	4.1	149
6	Spectral Properties of Leaves Deficient in Iron, Sulfur, Magnesium, and Manganese. Agronomy Journal, 1996, 88, 937-943.	1.8	136
7	Low cadmium application increase miscanthus growth and cadmium translocation. Environmental and Experimental Botany, 2004, 52, 89-100.	4.2	85
8	Spectral properties of iron-deficient corn and sunflower leaves. Remote Sensing of Environment, 1996, 58, 282-288.	11.0	84
9	Aboveâ€•and belowâ€ground competition between barley, wheat, lupin and vetch in a cereal and legume intercropping system. Grass and Forage Science, 2009, 64, 401-412.	2.9	79
10	As durum wheat productivity is affected by nitrogen fertilisation management in Central Italy. European Journal of Agronomy, 2013, 44, 38-45.	4.1	76
11	Growth responses of sorghum plants to chilling temperature and duration of exposure. European Journal of Agronomy, 2004, 21, 93-103.	4.1	64
12	Response of miscanthus to toxic cadmium applications during the period of maximum growth. Environmental and Experimental Botany, 2006, 55, 29-40.	4.2	43
13	Management of sulphur fertiliser to improve durum wheat production and minimise S leaching. European Journal of Agronomy, 2012, 38, 74-82.	4.1	43
14	Durum wheat grain yield and quality as affected by S rate under Mediterranean conditions. European Journal of Agronomy, 2011, 35, 63-70.	4.1	41
15	Changes in spectral properties of ageing and senescing maize and sunflower leaves. Physiologia Plantarum, 1994, 91, 334-338.	5.2	39
16	NITROGEN FIXATION OF GRAIN LEGUMES DIFFERS IN RESPONSE TO NITROGEN FERTILISATION. Experimental Agriculture, 2018, 54, 66-82.	0.9	38
17	Nitrogen leaching and residual effect of barley/field bean intercropping. Plant, Soil and Environment, 2015, 61, 60-65.	2.2	30
18	Optimizing forage yield of durum wheat/field bean intercropping through N fertilization and row ratio. Grass and Forage Science, 2012, 67, 243-254.	2.9	20

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19	Dry matter accumulation and remobilization of durum wheat as affected by soil gravel content. Cereal Research Communications, 2006, 34, 1299-1306.	1.6	19
20	Sowing date affect spikelet number and grain yield of durum wheat. Cereal Research Communications, 2009, 37, 469-478.	1.6	18
21	Effect of preceding crop on the agronomic and economic performance of durum wheat in the transition from conventional to reduced tillage. European Journal of Agronomy, 2017, 82, 125-133.	4.1	17
22	Remobilization of Dry Matter, Nitrogen and Phosphorus in Durum Wheat as Affected by Genotype and Environment. Italian Journal of Agronomy, 2007, 2, 303.	1.0	14
23	Use of Fresh Scotta Whey as an Additive for Alfalfa Silage. Agronomy, 2020, 10, 365.	3.0	14
24	Post-anthesis dry matter and nitrogen dynamics in durum wheat as affected by nitrogen and temperature during grain filling. Cereal Research Communications, 2010, 38, 294-303.	1.6	13
25	Effect of Temperature and Phosphorus Fertilization on Phosphorus and Nitrogen Uptake by Sorhgum. Crop Science, 1996, 36, 348-354.	1.8	13
26	The Response of Durum Wheat to the Preceding Crop in a Mediterranean Environment. Scientific World Journal, The, 2014, 2014, 1-8.	2.1	12
27	Durum Wheat Yield and N Uptake as Affected by N Source, Timing, and Rate in Two Mediterranean Environments. Agronomy, 2021, 11, 1299.	3.0	11
28	Coordination between plant and apex development in Hordeum vulgare ssp. distichum. Comptes Rendus - Biologies, 2010, 333, 454-460.	0.2	10
29	Field bean for forage and grain in short-season rainfed Mediterranean conditions. Italian Journal of Agronomy, 2018, 13, 208-215.	1.0	9
30	The Importance of Root Interactions in Field Bean/Triticale Intercrops. Plants, 2020, 9, 1474.	3.5	9
31	Effects of nitrogen splitting and source on durum wheat. Cereal Research Communications, 2013, 41, 338-347.	1.6	8
32	Forage and grain yield of common buckwheat in Mediterranean conditions: response to sowing time and irrigation. Crop and Pasture Science, 2016, 67, 1000.	1.5	8
33	Nitrogen and phosphorus accumulation and remobilization of durum wheat as affected by soil gravel content. Cereal Research Communications, 2008, 36, 157-166.	1.6	7
34	Agronomic and nutritional characteristics of three buckwheat cultivars under organic farming in three environments of the Garfagnana mountain district. Italian Journal of Agronomy, 2016, 11, 188-194.	1.0	6
35	A growth scale for the phasic development of common buckwheat. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2016, 66, 215-228.	0.6	5
36	Biosolids differently affect seed yield, nodule growth, nodule-specific activity, and symbiotic nitrogen fixation of field bean. Crop and Pasture Science, 2017, 68, 735.	1.5	5

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37	Cover Crop Introduction in a Mediterranean Maize Cropping System. Effects on Soil Variables and Yield. Agronomy, 2021, 11, 549.	3.0	4
38	Nitrate leaching from forage legume crops and residual effect on Italian ryegrass. Journal of Agricultural Economics, 2015, , .	0.3	4
39	Fine-Tuning N Fertilization for Forage and Grain Production of Barleyâ€“Field Bean Intercropping in Mediterranean Environments. Agronomy, 2022, 12, 418.	3.0	4
40	Rutin and quercetin content in the forage of common buckwheat as affected by maturity and conservation method. Grassland Science, 2017, 63, 169-176.	1.1	2
41	Rutin content in the forage and grain of common buckwheat (Fagopyrum esculentum) as affected by sowing time and irrigation in a Mediterranean environment. Crop and Pasture Science, 2020, 71, 171.	1.5	1