

Iduna Arduini

List of Publications by Year in descending order

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61
papers

2,142
citations

236925

25
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243625

44
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62
all docs

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docs citations

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times ranked

2230
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. <i>European Journal of Agronomy</i> , 2006, 25, 309-318.	4.1	199
2	Post-anthesis dry matter and nitrogen dynamics in durum wheat as affected by nitrogen supply and soil water availability. <i>European Journal of Agronomy</i> , 2008, 28, 138-147.	4.1	174
3	Post-anthesis accumulation and remobilization of dry matter, nitrogen and phosphorus in durum wheat as affected by soil type. <i>European Journal of Agronomy</i> , 2007, 26, 179-186.	4.1	149
4	Cadmium and copper change root growth and morphology of <i>Pinus pinea</i> and <i>Pinus pinaster</i> seedlings. <i>Physiologia Plantarum</i> , 1994, 92, 675-680.	5.2	118
5	Cadmium and copper uptake and distribution in Mediterranean tree seedlings. <i>Physiologia Plantarum</i> , 1996, 97, 111-117.	5.2	114
6	Influence of copper on root growth and morphology of <i>Pinus pinea</i> L. and <i>Pinus pinaster</i> Ait. seedlings. <i>Tree Physiology</i> , 1995, 15, 411-415.	3.1	99
7	Low cadmium application increase miscanthus growth and cadmium translocation. <i>Environmental and Experimental Botany</i> , 2004, 52, 89-100.	4.2	85
8	Above- and below-ground competition between barley, wheat, lupin and vetch in a cereal and legume intercropping system. <i>Grass and Forage Science</i> , 2009, 64, 401-412.	2.9	79
9	Cadmium and copper uptake and distribution in Mediterranean tree seedlings. <i>Physiologia Plantarum</i> , 1996, 97, 111-117.	5.2	77
10	As durum wheat productivity is affected by nitrogen fertilisation management in Central Italy. <i>European Journal of Agronomy</i> , 2013, 44, 38-45.	4.1	76
11	Growth responses of sorghum plants to chilling temperature and duration of exposure. <i>European Journal of Agronomy</i> , 2004, 21, 93-103.	4.1	64
12	Cadmium effects on growth and antioxidant enzymes activities in <i>Miscanthus sinensis</i> . <i>Biologia Plantarum</i> , 2006, 50, 688-692.	1.9	63
13	Strong increase of durum wheat iron and zinc content by field-inoculation with arbuscular mycorrhizal fungi at different soil nitrogen availabilities. <i>Plant and Soil</i> , 2017, 419, 153-167.	3.7	56
14	Cadmium uptake and translocation in durum wheat varieties differing in grain-Cd accumulation. <i>Plant, Soil and Environment</i> , 2014, 60, 43-49.	2.2	49
15	Effects of high chromium applications on miscanthus during the period of maximum growth. <i>Environmental and Experimental Botany</i> , 2006, 58, 234-243.	4.2	45
16	Response of miscanthus to toxic cadmium applications during the period of maximum growth. <i>Environmental and Experimental Botany</i> , 2006, 55, 29-40.	4.2	43
17	Management of sulphur fertiliser to improve durum wheat production and minimise S leaching. <i>European Journal of Agronomy</i> , 2012, 38, 74-82.	4.1	43
18	Durum wheat grain yield and quality as affected by S rate under Mediterranean conditions. <i>European Journal of Agronomy</i> , 2011, 35, 63-70.	4.1	41

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19	NITROGEN FIXATION OF GRAIN LEGUMES DIFFERS IN RESPONSE TO NITROGEN FERTILISATION. <i>Experimental Agriculture</i> , 2018, 54, 66-82.	0.9	38
20	Reduced Growth and Nitrogen Uptake During Waterlogging at Tillering Permanently Affect Yield Components in Late Sown Oats. <i>Frontiers in Plant Science</i> , 2019, 10, 1087.	3.6	37
21	Grain yield of durum wheat as affected by waterlogging at tillering. <i>Cereal Research Communications</i> , 2016, 44, 706-716.	1.6	36
22	Response of cool-season grain legumes to waterlogging at flowering. <i>Canadian Journal of Plant Science</i> , 0, , 597-603.	0.9	34
23	Barley Response to Waterlogging Duration at Tillering. <i>Crop Science</i> , 2016, 56, 2722-2730.	1.8	32
24	Heavy metals influence mineral nutrition of tree seedlings. <i>Chemosphere</i> , 1998, 36, 739-744.	8.2	30
25	Nitrogen leaching and residual effect of barley/field bean intercropping. <i>Plant, Soil and Environment</i> , 2015, 61, 60-65.	2.2	30
26	Waterlogging at tillering affects spike and spikelet formation in wheat. <i>Crop and Pasture Science</i> , 2016, 67, 703.	1.5	29
27	Field Inoculation of Bread Wheat with <i>Rhizophagus irregularis</i> under Organic Farming: Variability in Growth Response and Nutritional Uptake of Eleven Old Genotypes and A Modern Variety. <i>Agronomy</i> , 2020, 10, 333.	3.0	21
28	Optimizing forage yield of durum wheat/field bean intercropping through N fertilization and row ratio. <i>Grass and Forage Science</i> , 2012, 67, 243-254.	2.9	20
29	Dry matter accumulation and remobilization of durum wheat as affected by soil gravel content. <i>Cereal Research Communications</i> , 2006, 34, 1299-1306.	1.6	19
30	Sowing date affect spikelet number and grain yield of durum wheat. <i>Cereal Research Communications</i> , 2009, 37, 469-478.	1.6	18
31	Effect of preceding crop on the agronomic and economic performance of durum wheat in the transition from conventional to reduced tillage. <i>European Journal of Agronomy</i> , 2017, 82, 125-133.	4.1	17
32	Biosolids affect the growth, nitrogen accumulation and nitrogen leaching of barley. <i>Plant, Soil and Environment</i> , 2018, 64, 95-101.	2.2	14
33	Post-anthesis dry matter and nitrogen dynamics in durum wheat as affected by nitrogen and temperature during grain filling. <i>Cereal Research Communications</i> , 2010, 38, 294-303.	1.6	13
34	The Response of Durum Wheat to the Preceding Crop in a Mediterranean Environment. <i>Scientific World Journal</i> , The, 2014, 2014, 1-8.	2.1	12
35	Cadmium and copper change root growth and morphology of <i>Pinus pinea</i> and <i>Pinus pinaster</i> seedlings. <i>Physiologia Plantarum</i> , 1994, 92, 675-680.	5.2	12
36	Submergence sensitivity of durum wheat, bread wheat and barley at the germination stage. <i>Italian Journal of Agronomy</i> , 2016, 11, 100-106.	1.0	11

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37	pH influence on root growth and nutrient uptake of <i>Pinus pinaster</i> seedlings. <i>Chemosphere</i> , 1998, 36, 733-738.	8.2	10
38	Remobilization of Dry Matter and Nitrogen in Maize as Affected by Hybrid Maturity Class. <i>Italian Journal of Agronomy</i> , 2009, 4, 39.	1.0	10
39	Coordination between plant and apex development in <i>Hordeum vulgare</i> ssp. <i>distichum</i> . <i>Comptes Rendus - Biologies</i> , 2010, 333, 454-460.	0.2	10
40	Contribution of main culm and tillers to grain yield of durum wheat: Influence of sowing date and plant traits. <i>Italian Journal of Agronomy</i> , 0, , 235-247.	1.0	9
41	Field bean for forage and grain in short-season rainfed Mediterranean conditions. <i>Italian Journal of Agronomy</i> , 2018, 13, 208-215.	1.0	9
42	The Importance of Root Interactions in Field Bean/Triticale Intercrops. <i>Plants</i> , 2020, 9, 1474.	3.5	9
43	Effects of nitrogen splitting and source on durum wheat. <i>Cereal Research Communications</i> , 2013, 41, 338-347.	1.6	8
44	Forage and grain yield of common buckwheat in Mediterranean conditions: response to sowing time and irrigation. <i>Crop and Pasture Science</i> , 2016, 67, 1000.	1.5	8
45	Grain legumes differ in nitrogen accumulation and remobilisation during seed filling. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2016, 66, 127-132.	0.6	8
46	Accumulation of Dry Matter and Nitrogen in Durum Wheat During Grain Filling as Affected by Temperature and Nitrogen Rate. <i>Italian Journal of Agronomy</i> , 2009, 4, 3.	1.0	7
47	Biosolids Benefit Yield and Nitrogen Uptake in Winter Cereals without Excess Risk of N Leaching. <i>Agronomy</i> , 2021, 11, 1482.	3.0	7
48	Using Biochar and Vermiwash to Improve Biological Activities of Soil. <i>Agriculture (Switzerland)</i> , 2022, 12, 178.	3.1	7
49	The influence of pH on root morphology and mineral content of <i>Pinus pinaster</i> Ait. seedlings. <i>Plant Biosystems</i> , 1998, 132, 3-9.	1.6	5
50	Recovery of understory vegetation in clear-cut stone pine (<i>Pinus pinea</i> L.) plantations. <i>Plant Biosystems</i> , 2012, 146, 244-258.	1.6	5
51	A growth scale for the phasic development of common buckwheat. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2016, 66, 215-228.	0.6	5
52	Biosolids differently affect seed yield, nodule growth, nodule-specific activity, and symbiotic nitrogen fixation of field bean. <i>Crop and Pasture Science</i> , 2017, 68, 735.	1.5	5
53	Editorial: Crop Response to Waterlogging. <i>Frontiers in Plant Science</i> , 2019, 10, 1578.	3.6	4
54	Cover Crop Introduction in a Mediterranean Maize Cropping System. Effects on Soil Variables and Yield. <i>Agronomy</i> , 2021, 11, 549.	3.0	4

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55	Nitrate leaching from forage legume crops and residual effect on Italian ryegrass. Journal of Agricultural Economics, 2015, , .	0.3	4
56	Fine-Tuning N Fertilization for Forage and Grain Production of Barleyâ€“Field Bean Intercropping in Mediterranean Environments. Agronomy, 2022, 12, 418.	3.0	4
57	Changes in biological properties and antioxidant capacity of an agricultural soil amended with sewage sludge. Archives of Agronomy and Soil Science, 2017, 63, 2062-2073.	2.6	3
58	Heavy Metal Uptake and Distribution in Tree Seedlings. Giornale Botanico Italiano (Florence, Italy:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.0	2
59	Rutin content in the forage and grain of common buckwheat (<i>Fagopyrum esculentum</i>) as affected by sowing time and irrigation in a Mediterranean environment. Crop and Pasture Science, 2020, 71, 171.	1.5	1
60	Nutrient Solutions Influence on Plant Growth in Stress Conditions. Giornale Botanico Italiano (Florence, Italy: 1962), 1996, 130, 423-423.	0.0	0
61	Cadmium Tolerance in Halophilic (<i>Hordeum Maritimum</i>) and Glycophilic (<i>H. Murinum</i>) Species. Giornale Botanico Italiano (Florence, Italy: 1962), 1996, 130, 425-425.	0.0	0