Aldo Ferrero

List of Publications by Year
in descending order

48 papers	1,355 citations	331670 21 h-index	361022 35 g-index
48 all docs	48 docs citations	48 times ranked	1431 citing authors

#	Article	IF	Citations
1	Meeting the challenges of global rice production. Paddy and Water Environment, 2006, 4, 1-9.	1.8	219
2	Weedy (Red) Rice. Advances in Agronomy, 2015, , 181-228.	5.2	96
3	Cross-resistance to bispyribac-sodium and bensulfuron-methyl in Echinochloa phyllopogon and Cyperus difformis. Pesticide Biochemistry and Physiology, 2002, 73, 9-17.	3.6	85
4	Allelopathy, a chance for sustainable weed management. International Journal of Sustainable Development and World Ecology, 2010, 17, 377-389.	5.9	63
5	Simulating Pesticide Leaching and Runoff in Rice Paddies with the RICEWQâ€“VADOFT Model. Journal of Environmental Quality, 2003, 32, 2189-2199.	2.0	46
6	Cross-Resistance to Herbicides of Five ALS-Inhibiting Groups and Sequencing of the ALS Gene in<i>Cyperus difformis</i>L.. Journal of Agricultural and Food Chemistry, 2009, 57, 1389-1398.	5.2	42
7	Allelopathic effects of Ambrosia artemisiifolia L. in the invasive process. Crop Protection, 2013, 54, 161-167.	2.1	41
8	Mechanical and chemical control of red rice (Oryza sativa L. var. sylvatica) in rice (Oryza sativa L.) pre-planting. Crop Protection, 1999, 18, 245-251.	2.1	40
9	Morphological characterisation of Italian weedy rice (<i>Oryza sativa</i>) populations. Weed Research, 2012, 52, 60-69.	1.7	40
10	Phototransformation of the Herbicide Propanil in Paddy Field Water. Environmental Science & Technology, 2017, 51, 2695-2704.	10.0	40
11	Effects of winter flooding on weedy rice (Oryza sativa L.). Crop Protection, 2010, 29, 1232-1240.	2.1	38
12	Herbicide sensitivity of Echinochloa spp. accessions in Italian rice fields. Crop Protection, 2007, 26, 285-293.	2.1	37
13	Allelochemicals identified from Jerusalem artichoke (Helianthus tuberosus L.) residues and their potential inhibitory activity in the field and laboratory. Scientia Horticulturae, 2011, 129, 361-368.	3.6	34
14	Common Ragweed (<i>Ambrosia artemisiifolia</i>) Growth as Affected by Plant Density and Clipping. Weed Technology, 2011, 25, 268-276.	0.9	32
15	Pesticide exposure assessment in rice paddies in Europe: a comparative study of existing mathematical models. Pest Management Science, 2006, 62, 624-636.	3.4	31
16	Patterns Of Resistance To Als Herbicides In Smallflower Umbrella Sedge (Cyperus Difformis) And Ricefield Bulrush (Schoenoplectus Mucronatus). Weed Technology, 2006, 20, 1004-1014.	0.9	29
17	Germination of Weedy Rice in Response to Field Conditions during Winter. Weed Technology, 2011, 25, 252-261.	0.9	29
18	Microsatellite markers reveal multiple origins for <scp>I</scp>talian weedy rice. Ecology and Evolution, 2013, 3, 4786-4798.	1.9	27

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19	Germination behaviour of red rice (Oryza sativa L.) seeds in field and laboratory conditions. Agronomy for Sustainable Development, 2000, 20, 375-382.	0.8	24
20	Application of the ricewqâ€"vadoft model for simulating the environmental fate of pretilachlor in rice paddies. Environmental Toxicology and Chemistry, 2005, 24, 1007-1017.	4.3	23
21	Weed communities in Italian maize fields as affected by pedo-climatic traits and sowing time. European Journal of Agronomy, 2016, 74, 38-46.	4.1	22
22	Leaching of S-metolachlor, terbuthylazine, desethyl-terbuthylazine, mesotrione, flufenacet, isoxaflutole, and diketonitrile in field lysimeters as affected by the time elapsed between spraying and first leaching event. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2015, 50, 851-861.	1.5	21
23	Dissipation of pretilachlor in paddy water and sediment. Agronomy for Sustainable Development, 2004, 24, 473-479.	0.8	21
24	Bioherbicidal activity of a germacranolide sesquiterpene dilactone from<i>Ambrosia artemisiifolia</i>L.. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2016, 51, 847-852.	1.5	19
25	Rice Cultivation in the E.U. Ecological Conditions and Agronomical Practices. , 2008, , 1-24.		18
26	Dissipation of Propanil and 3,4 Dichloroaniline in Three Different Rice Management Systems. Journal of Environmental Quality, 2012, 41, 1487-1496.	2.0	18
27	Selectivity and weed control efficacy of pre- and post-emergence applications of clomazone in Southern Brazil. Crop Protection, 2013, 53, 103-108.	2.1	18
28	Growth Variability of Italian Weedy Rice Populations Grown with or without Cultivated Rice. Crop Science, 2015, 55, 394-402.	1.8	18
29	Allelopathic persistence of Helianthus tuberosus L. residues in the soil. Scientia Horticulturae, 2012, 135, 98-105.	3.6	16
30	Susceptibility to imazamox in Italian weedy rice populations and Clearfield^{Â®} rice varieties. Weed Research, 2014, 54, 492-500.	1.7	16
31	Italian weedy riceâ€"A case of deâ€domestication?. Ecology and Evolution, 2020, 10, 8449-8464.	1.9	16
32	A mathematical model to predict the population dynamics of Oryza sativa var. sylvatica. Weed Research, 2001, 41, 407-420.	1.7	15
33	Effect of buffer strips and soil texture on runoff losses of flufenacet and isoxaflutole from maize fields. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2013, 48, 1021-1033.	1.5	14
34	Epidemiology and agronomic predictors of herbicide resistance in rice at a large scale. Agronomy for Sustainable Development, 2018, 38, 1.	5.3	13
35	Allelopathic Effects ofHelianthus TuberosusL. on Germination and Seedling Growth of Several Crops and Weeds. Biological Agriculture and Horticulture, 2008, 26, 55-68.	1.0	12
36	History of Rice in Europe. , 2010, , 341-372.		12

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37	Potential Allelopathic Effects of Jerusalem Artichoke (<i>Helianthus tuberosus</i>) Leaf Tissues. Weed Technology, 2010, 24, 378-385.	0.9	11
38	Buffer strip effect on terbuthylazine, desethyl-terbuthylazine and S-metolachlor runoff from maize fields in Northern Italy. Environmental Technology (United Kingdom), 2013, 34, 71-80.	2.2	10
39	How Can Weedy Rice Stand against Abiotic Stresses? A Review. Agronomy, 2020, 10, 1284.	3.0	9
40	Rapid increase of herbicide resistance in Echinochloa spp. consequent to repeated applications of the same herbicides over time. Archives of Agronomy and Soil Science, 2021, 67, 620-632.	2.6	9
41	Interactions Between Weedy Rice and Cultivated Rice in Italy. Italian Journal of Agronomy, 2009, 4, 127.	1.0	8
42	The effects of water management, timing and the rate of several herbicides on the growth of Murdannia keisak (Hassk.) Handel-Mazz. Crop Protection, 2012, 38, 53-56.	2.1	7
43	Relationship between weedy rice (<i>Oryza sativa</i>) infestation level and agronomic practices in Italian rice farms. Weed Science, 2021, 69, 565-574.	1.5	6
44	Oxadiazon Dissipation in Water and Topsoil in Flooded and Dry-Seeded Rice Fields. Agronomy, 2019, 9, 557.	3.0	5
45	The evolution of cereal yields in Italy over the last 150 years: The peculiar case of rice. Agronomy Journal, 2021, 113, 3372-3383.	1.8	3
46	Water management as a key component of integrated weed management. Italian Journal of Agronomy, 2006, 1, 541.	1.0	1
47	La gestione integrata delle malerbe: un approccio sostenibile per il contenimento delle perdite di produzione e la salvaguardia dellâ€™ambiente. Italian Journal of Agronomy, 2011, 6, 6.	1.0	1
48	Relationship between weedy rice (<i>Oryza sativa</i>) infestation level and agronomic practices in Italian rice farms â€“ ERRATUM. Weed Science, 2021, 69, 616-616.	1.5	0