

Dimitrios J Bilalis

List of Publications by Year in descending order

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84
papers

1,507
citations

331670

21
h-index

377865

34
g-index

85
all docs

85
docs citations

85
times ranked

1721
citing authors

#	ARTICLE	IF	CITATIONS
1	Cultivation of milk thistle (<i>Silybum marianum</i> L. Gaertn.), a medicinal weed. <i>Industrial Crops and Products</i> , 2011, 34, 825-830.	5.2	114
2	Antifungal Activity of Plant Essential Oils Against <i>Botrytis cinerea</i> , <i>Penicillium italicum</i> and <i>Penicillium digitatum</i> . <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2013, 41, 86.	1.1	105
3	Effect of Different Levels of Wheat Straw Soil Surface Coverage on Weed Flora in <i>Vicia faba</i> Crops. <i>Journal of Agronomy and Crop Science</i> , 2003, 189, 233-241.	3.5	87
4	Weed-suppressive effects of maize-legume intercropping in organic farming. <i>International Journal of Pest Management</i> , 2010, 56, 173-181.	1.8	75
5	Comparison Between Transcranial Color Doppler Ultrasonography and Angiography in the Confirmation of Brain Death. <i>Transplantation Proceedings</i> , 2006, 38, 1213-1217.	0.6	53
6	Weed-Species Abundance and Diversity Indices in Relation to Tillage Systems and Fertilization. <i>Frontiers in Environmental Science</i> , 2018, 6, .	3.3	52
7	Effects of organic and inorganic fertilization on yield and quality of processing tomato (<i>Lycopersicon esculentum</i> Mill.). <i>Folia Horticulturae</i> , 2018, 30, 321-332.	1.8	43
8	Effects of organic farming practices and salinity on yield and greenhouse gas emissions from a common bean crop. <i>Scientia Horticulturae</i> , 2015, 183, 48-57.	3.6	40
9	Effect of Three Tillage Systems on Weed Flora in a 3-Year Rotation with Four Crops. <i>Journal of Agronomy and Crop Science</i> , 2001, 186, 135-141.	3.5	39
10	Glyphosate Efficacy of Different Salt Formulations and Adjuvant Additives on Various Weeds. <i>Agronomy</i> , 2017, 7, 60.	3.0	37
11	Effects of fertilization and tillage system on growth and crude protein content of quinoa (<i>Chenopodium quinoa</i> Willd.): An alternative forage crop. <i>Emirates Journal of Food and Agriculture</i> , 2014, 26, 18.	1.0	33
12	Effects of irrigation system and green manure on yield and nicotine content of Virginia (flue-cured) Organic tobacco (<i>Nicotiana tabacum</i>), under Mediterranean conditions. <i>Industrial Crops and Products</i> , 2009, 29, 388-394.	5.2	32
13	Organic Maize Growth and Mycorrhizal Root Colonization Response to Tillage and Organic Fertilization. <i>Agroecology and Sustainable Food Systems</i> , 2010, 34, 836-849.	0.9	32
14	Effects of Presowing Pulsed Electromagnetic Treatment of Tomato Seed on Growth, Yield, and Lycopene Content. <i>Scientific World Journal</i> , The, 2014, 2014, 1-6.	2.1	31
15	Field Pea in European Cropping Systems: Adaptability, Biological Nitrogen Fixation and Cultivation Practices. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2016, 44, 325-336.	1.1	31
16	Effects of Tillage and Fertilization on Some Selected Physical Properties of Soil (0-30 cm Depth) and on the Root Growth Dynamic of Winter Barley (<i>Hordeum vulgare</i> cv. Niki). <i>Journal of Agronomy and Crop Science</i> , 2001, 187, 167-176.	3.5	30
17	Energy Inputs, Output and Productivity in Organic and Conventional Maize and Tomato Production, under Mediterranean Conditions. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2013, 41, 190.	1.1	30
18	Investigation of pulsed electromagnetic field as a novel organic pre-sowing method on germination and initial growth stages of cotton. <i>Electromagnetic Biology and Medicine</i> , 2012, 31, 143-150.	1.4	29

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19	Effects of Tillage and Fertilization on Biomass, Roots, N-Accumulation and Nodule Bacteria of Vetch (<i>Vicia sativa</i> cv. Alexander). <i>Journal of Agronomy and Crop Science</i> , 1999, 182, 209-216.	3.5	26
20	Seed and Saponin Production of Organic Quinoa (<i>Chenopodium quinoa</i> Willd.) for different Tillage and Fertilization. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2012, 40, 42.	1.1	24
21	Early plasmapheresis in patients with thrombotic thrombocytopenic purpura. <i>Critical Care Medicine</i> , 1992, 20, 57-61.	0.9	22
22	Effects of Reduced Tillage and Fertilization Practices on Soil Characteristics, Plant Water Status, Growth and Yield of Upland Cotton. <i>Journal of Agronomy and Crop Science</i> , 2004, 190, 262-276.	3.5	22
23	Allelopathic Effect of <i>Conyza albida</i> on <i>Avena sativa</i> and <i>Spirodela polyrhiza</i> . <i>Journal of Agronomy and Crop Science</i> , 2002, 188, 248-253.	3.5	21
24	Pulsed electromagnetic field: an organic compatible method to promote plant growth and yield in two corn types. <i>Electromagnetic Biology and Medicine</i> , 2012, 31, 333-343.	1.4	21
25	Environmental Conditions Influence Induction of Key ABC-Transporter Genes Affecting Glyphosate Resistance Mechanism in <i>Conyza canadensis</i> . <i>International Journal of Molecular Sciences</i> , 2016, 17, 342.	4.1	21
26	Organic Agriculture and Innovative Crops under Mediterranean Conditions. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2017, 45, 323-331.	1.1	21
27	Phytochemistry and Biological Properties of Burnet Weed (“ <i>Sanguisorba</i> “ spp.): A Review. <i>Notulae Scientia Biologicae</i> , 2014, 6, 395-398.	0.4	19
28	Impact of variety and farming practices on growth, yield, weed flora and symbiotic nitrogen fixation in faba bean cultivated for fresh seed production. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2018, 68, 619-630.	0.6	19
29	Interference of weeds in vegetable crop cultivation, in the changing climate of Southern Europe with emphasis on drought and elevated temperatures: a review. <i>Journal of Agricultural Science</i> , 2018, 156, 1175-1185.	1.3	18
30	Performance of Wheat Varieties (<i>Triticum aestivum</i> L.) under Conservation Tillage Practices in Organic Agriculture. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2011, 39, 28.	1.1	17
31	Effects of the herbicides benfluralin, metribuzin and propyzamide on the survival and weight of earthworms (<i>Octodrilus complanatus</i>). <i>Plant, Soil and Environment</i> , 2017, 63, 117-124.	2.2	17
32	Evaluation of the field performance, nitrogen fixation efficiency and competitive ability of pea landraces grown under organic and conventional farming systems. <i>Archives of Agronomy and Soil Science</i> , 2019, 65, 294-307.	2.6	17
33	Quinoa (<i>Chenopodium quinoa</i> Willd.) crop under Mediterranean conditions: a review. , 2019, 46, 51-68.		15
34	Root growth dynamics and productivity of quinoa (<i>Chenopodium quinoa</i> Willd.) in response to fertilization and soil tillage. <i>Folia Horticulturae</i> , 2019, 31, 285-299.	1.8	14
35	Evaluation of Five Most Commonly Grown Cotton Cultivars (<i>Gossypium hirsutum</i> L.) Under Mediterranean Conditions: Productivity and Fibre Quality. <i>Journal of Agronomy and Crop Science</i> , 2005, 191, 1-9.	3.5	13
36	Weed flora distribution in Greek cotton fields and its possible influence by herbicides. <i>Phytoparasitica</i> , 2005, 33, 406-419.	1.2	13

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37	Editorial: Herbicide Resistance in Weeds: Early Detection, Mechanisms, Dispersal, New Insights and Management Issues. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	12
38	Weed flora and seed yield in quinoa crop (<i>Chenopodium quinoa</i> Willd.) as affected by tillage systems and fertilization practices. <i>International Journal of Pest Management</i> , 2015, 61, 228-234.	1.8	11
39	Climate Change and Chances for the Cultivation of New Crops. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2016, 44, 347-353.	1.1	11
40	Pulsed electromagnetic fields effect in oregano rooting and vegetative propagation: A potential new organic method. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2012, 62, 94-99.	0.6	10
41	Evaluation of Mobility and Dissipation of Mefenoxam and Pendimethalin by Application of CSTR Model and Field Experiments Using Bare and Tobacco Tilled Soil Columns. <i>Water, Air, and Soil Pollution</i> , 2012, 223, 1625-1637.	2.4	10
42	Green Manure and Pendimethalin Impact on Oriental Sun-Cured Tobacco. <i>Agronomy Journal</i> , 2014, 106, 1225-1230.	1.8	10
43	Narrow row spacing increased yield and decreased nicotine content in sun-cured tobacco (<i>Nicotiana glauca</i> L.) cv. '90. <i>Journal of Agricultural Science</i> , 2012, 144, 521-526.	5.2	10
44	Influence of fertilization and soil tillage on nitrogen uptake and utilization efficiency of quinoa crop (<i>Chenopodium quinoa</i> Willd.). <i>Journal of Soil Science and Plant Nutrition</i> , 2018, , 0-0.	3.4	10
45	Tobacco (<i>Nicotiana tabacum</i>) Infection by Branched Broomrape (<i>Orobanche ramosa</i>) as Influenced by Irrigation System and Fertilization, under East Mediterranean Conditions. <i>Journal of Agronomy</i> , 2007, 6, 397-402.	0.4	10
46	Effects of field bindweed (<i>Convolvulus arvensis</i> L.) and powdery mildew [<i>Leveillula taurica</i> (Lev.) Arn.] on pepper growth and yield - Short communication. <i>Zahradnictvi (Prague, Czech Republic: 1992)</i> , 2012, 39, 135-138.	0.9	9
47	Cultivation of cow cockle (<i>Vaccaria hispanica</i> (Mill.) Rauschert): An industrial medicinal weed. <i>Industrial Crops and Products</i> , 2012, 40, 307-311.	5.2	9
48	Role of pulsed electromagnetic field on enzyme activity, germination, plant growth and yield of durum wheat. <i>Biocatalysis and Agricultural Biotechnology</i> , 2016, 6, 152-158.	3.1	9
49	Effects of cultural system (organic and conventional) on growth and fiber quality of two cotton (<i>Gossypium hirsutum</i> L.) varieties. <i>Renewable Agriculture and Food Systems</i> , 2010, 25, 228-235.	1.8	8
50	Effect of Fertilization on Yield and Quality of Biomass of Quinoa (<i>Chenopodium quinoa</i> Willd.) and Green Amaranth (<i>Amaranthus retroflexus</i> L.). <i>Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Horticulture</i> , 2014, 71, .	0.1	8
51	Efficacy and Selectivity of Pre- and Post-emergence Herbicides in Chia (<i>Salvia hispanica</i> L.) under Mediterranean Semi-arid Conditions. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2017, 46, 183-189.	1.1	8
52	OPTIMIZATION OF HEAVY POLLUTED SOIL FROM OLIVE MILL WASTE THROUGH THE IMPLEMENTATION OF ZEOLITES. <i>Environmental Engineering and Management Journal</i> , 2019, 18, 1297-1309.	0.6	8
53	POWDERY MILDEW (<i>ERYSIPHE CRUCIFERARUM</i>) INFECTION ON CAMELINA (<i>CAMELINA SATIVA</i>) UNDER MEDITERRANEAN CONDITIONS AND THE ROLE OF WILD MUSTARD (<i>SINAPIS ARVENSIS</i>) AS ALTERNATIVE HOST OF THIS PATHOGEN. <i>Emirates Journal of Food and Agriculture</i> , 0, , 639.	1.0	8
54	The Phytotoxicity of Various Graminicides in Durum Wheat in Greece. <i>Journal of Agronomy and Crop Science</i> , 2001, 187, 121-126.	3.5	7

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55	The critical period for weed competition in parsley (<i>Petroselinum crispum</i> (Mill.) Nyman ex A.W. Hill) in Mediterranean areas. <i>Crop Protection</i> , 2012, 42, 268-272.	2.1	7
56	Effects of Cultivation System and Fertilization on Seedling Production of <i>Ocimum basilicum</i> L. and <i>Mentha spicata</i> L. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2015, 43, 131-137.	1.1	7
57	Effect of Different Types of Fertilization on Weed Flora in Processed Tomato Crop. <i>Agriculture and Agricultural Science Procedia</i> , 2016, 10, 26-31.	0.6	6
58	Nitrogen Uptake, Use Efficiency, and Productivity of <i>Nigella sativa</i> L. in Response to Fertilization and Plant Density. <i>Sustainability</i> , 2022, 14, 3842.	3.2	6
59	Chia (<i>Salvia Hispanica</i>) Fodder Yield and Quality as Affected by Sowing Rates and Organic Fertilization. <i>Communications in Soil Science and Plant Analysis</i> , 2016, , .	1.4	5
60	Morphological Traits Defining Breeding Criteria for Coastal Quinoa in Chile. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2017, 46, 190-196.	1.1	5
61	Cotton Response to Planting Patterns under Effect of Typical and Limited Irrigation Regime. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2019, 47, 1206-1214.	1.1	5
62	Adverse Effect of Bermudagrass on Physiological and Growth Components of Cotton. <i>Journal of Agronomy</i> , 2007, 7, 49-55.	0.4	5
63	Environmental and Regional Effects on Fiber Quality of Cotton Cultivated in Greece. <i>Agronomy</i> , 2022, 12, 943.	3.0	5
64	Effects of the Preceding Crop on Soil N Availability, Biological Nitrogen Fixation, and Fresh Pod Yield of Organically Grown Faba Bean (<i>Vicia faba</i> L.). <i>Horticulturae</i> , 2022, 8, 496.	2.8	5
65	Effect of Tillage System and Fertilization on Physical Properties of Soil in the Seedbed and on Seedling Emergence of Winter Barley (<i>Hordeum vulgare</i> cv. Niki). <i>Journal of Agronomy and Crop Science</i> , 2000, 184, 287.	3.5	4
66	Maximizing oilseed rape's yield by glyphosate under Mediterranean conditions. <i>Industrial Crops and Products</i> , 2011, 33, 544-548.	5.2	4
67	Comparison between conventional and organic weed management: growth and yield of leek (<i>Allium</i>) Tj ETQq1 1 0.784314 rgBT /Over 0,9 4	0.9	4
68	Allelopathic Potential of Velvet Bean against Rigid Ryegrass. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2017, 46, 173-176.	1.1	4
69	Seed Treatment Techniques to Improve Germination of Wild Asparagus (<i>Asparagus acutifolius</i> L.), a Potential New Crop. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2019, 47, 995-1000.	1.1	4
70	Reintroducing Flax (<i>Linum usitatissimum</i> L.) to the Mediterranean Basin: The Importance of Nitrogen Fertilization. <i>Plants</i> , 2021, 10, 1758.	3.5	4
71	Seed Rate and Cultivar Effect on Contribution of <i>Vicia sativa</i> L. Green Manure to Soil Amendment under Mediterranean Conditions. <i>Agriculture (Switzerland)</i> , 2021, 11, 733.	3.1	4
72	Organic Cropping System Effects on Fiber Quality of Three Cotton Cultivars in Greece. <i>Agronomy Journal</i> , 2014, 106, 1365-1370.	1.8	3

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73	Sexual and Vegetative Propagation of <i>Hypericum empetrifolium</i> Willd. subsp. <i>empetrifolium</i> . <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2018, 47, 282-287.	1.1	3
74	Growth and yield of three sunflower hybrids cultivated for two years under Mediterranean conditions. <i>Emirates Journal of Food and Agriculture</i> , 2016, 28, 136.	1.0	3
75	The Effect of Tillage System and Rimsulfuron Application on Weed Flora, Arbuscular Mycorrhizal (AM) Root Colonization and Yield of Maize (<i>Zea mays</i> L.). <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2012, 40, 73.	1.1	2
76	Effects of Cropping System (Organic and Conventional) on the Fiber Quality Index, Spinning Consistency Index and Multiplicative Analytic Hierarchy Process of Cotton (<i>Gossypium</i>)	1.0	10
77	Influence of Pulsed Electromagnetic Field on Plant Growth, Nutrient Absorption and Yield of Durum Wheat. <i>Notulae Scientia Biologicae</i> , 2015, 7, 505-509.	0.4	2
78	Changes of Weed Flora due to Nitrogen Addition in Sunflower. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2019, 47, 1337-1339.	1.1	2
79	Research Regarding the Influence of Foliar Fertilization on Plant Assimilation, Grain Yield and Quality of Wheat, in the Transylvanian Field Conditions. <i>Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Horticulture</i> , 2019, 76, 1-10.	0.1	2
80	Cotton versus climate change: the case of Greek cotton production. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2021, 49, 12547.	1.1	2
81	Sensitivity of Seed Germination to Salt Stress in Teff [<i>Eragrostis tef</i> (Zucc.) Trotter]. <i>Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Horticulture</i> , 2019, 76, 91-95.	0.1	1
82	Effects of Salinity and Arbuscular Mycorrhizal Fungi (AMF) on Root Growth Development and Productivity of Chia (<i>Salvia hispanica</i> L.), a Promising Salt-Tolerant Crop, Under Mediterranean Conditions. , 2021, , 2039-2068.		0
83	Effects of Salinity and Arbuscular Mycorrhizal Fungi (AMF) on Root Growth Development and Productivity of Chia (<i>Salvia hispanica</i> L.), a Promising Salt-Tolerant Crop, Under Mediterranean Conditions. , 2020, , 1-30.		0
84	Seed fixed oil content, oil yield, and fatty acids profile of <i>Nigella sativa</i> L. in response to fertilization and plant density. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2022, 50, 12768.	1.1	0