

Dimitrios J Bilalis

List of Publications by Year in descending order

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84
papers

1,507
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331670

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1721
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#	ARTICLE	IF	CITATIONS
1	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
2	Environmental and Regional Effects on Fiber Quality of Cotton Cultivated in Greece. <i>Agronomy</i> , 2022, 12, 943.	3.0	5
3	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
4	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
5	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
6	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
7	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
8	Cotton versus climate change: the case of Greek cotton production. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2021, 49, 12547.	1.1	2
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	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

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19	Quinoa (<i>Chenopodium quinoa</i> Willd.) crop under Mediterranean conditions: a review. , 2019, 46, 51-68.		15
20	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
21	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
22	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
23	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
24	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
25	Weed-Species Abundance and Diversity Indices in Relation to Tillage Systems and Fertilization. <i>Frontiers in Environmental Science</i> , 2018, 6, .	3.3	52
26	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
27	Glyphosate Efficacy of Different Salt Formulations and Adjuvant Additives on Various Weeds. <i>Agronomy</i> , 2017, 7, 60.	3.0	37
28	Organic Agriculture and Innovative Crops under Mediterranean Conditions. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2017, 45, 323-331.	1.1	21
29	Allelopathic Potential of Velvet Bean against Rigid Ryegrass. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2017, 46, 173-176.	1.1	4
30	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
31	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
32	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
33	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
34	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
35	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
36	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

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37	Effect of Different Types of Fertilization on Weed Flora in Processed Tomato Crop. Agriculture and Agricultural Science Procedia, 2016, 10, 26-31.	0.6	6
38	Growth and yield of three sunflower hybrids cultivated for two years under Mediterranean conditions. Emirates Journal of Food and Agriculture, 2016, 28, 136.	1.0	3
39	Effects of Cultivation System and Fertilization on Seedling Production of <i>Ocimum basilicum</i> L. and <i>Mentha spicata</i> L. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2015, 43, 131-137.	1.1	7
40	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>) Tj ETQq0 0 0 rgBT /Overlark 10 Tfz50 617 Td		
41	Influence of Pulsed Electromagnetic Field on Plant Growth, Nutrient Absorption and Yield of Durum Wheat. Notulae Scientia Biologicae, 2015, 7, 505-509.	0.4	2
42	Effects of organic farming practices and salinity on yield and greenhouse gas emissions from a common bean crop. Scientia Horticulturae, 2015, 183, 48-57.	3.6	40
43	Narrow row spacing increased yield and decreased nicotine content in sun-cured tobacco (<i>Nicotiana</i>) Tj ETQq1 1 0.784314 rgBT /Overlark 5,2 90		
44	Weed flora and seed yield in quinoa crop (<i>Chenopodium quinoa</i> Willd.) as affected by tillage systems and fertilization practices. International Journal of Pest Management, 2015, 61, 228-234.	1.8	11
45	Effects of Presowing Pulsed Electromagnetic Treatment of Tomato Seed on Growth, Yield, and Lycopene Content. Scientific World Journal, The, 2014, 2014, 1-6.	2.1	31
46	Organic Cropping System Effects on Fiber Quality of Three Cotton Cultivars in Greece. Agronomy Journal, 2014, 106, 1365-1370.	1.8	3
47	Green Manure and Pendimethalin Impact on Oriental Sun-Cured Tobacco. Agronomy Journal, 2014, 106, 1225-1230.	1.8	10
48	Phytochemistry and Biological Properties of Burnet Weed (<i>Sanguisorba</i> spp.): A Review. Notulae Scientia Biologicae, 2014, 6, 395-398.	0.4	19
49	Effect of Fertilization on Yield and Quality of Biomass of Quinoa (<i>Chenopodium quinoa</i> Willd.) and Green Amaranth (<i>Amaranthus retroflexus</i> L.). Bulletin of University of Agricultural Sciences and Veterinary Medicine Cluj-Napoca: Horticulture, 2014, 71, .	0.1	8
50	Effects of fertilization and tillage system on growth and crude protein content of quinoa (<i>Chenopodium quinoa</i> Willd.): An alternative forage crop. Emirates Journal of Food and Agriculture, 2014, 26, 18.	1.0	33
51	Energy Inputs, Output and Productivity in Organic and Conventional Maize and Tomato Production, under Mediterranean Conditions. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2013, 41, 190.	1.1	30
52	Antifungal Activity of Plant Essential Oils Against <i>Botrytis cinerea</i> , <i>Penicillium italicum</i> and <i>Penicillium digitatum</i> . Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2013, 41, 86.	1.1	105
53	Pulsed electromagnetic fields effect in oregano rooting and vegetative propagation: A potential new organic method. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2012, 62, 94-99.	0.6	10
54	Investigation of pulsed electromagnetic field as a novel organic pre-sowing method on germination and initial growth stages of cotton. Electromagnetic Biology and Medicine, 2012, 31, 143-150.	1.4	29

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55	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
56	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
57	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
58	Comparison between conventional and organic weed management: growth and yield of leek (<i>Allium</i>) Tj ETQq0 0 0 ggBT /Overlock 10 Tff	0.9	4
59	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
60	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
61	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
62	Cultivation of cow cockle (<i>Vaccaria hispanica</i> (Mill.) Rauschert): An industrialâ€“medicinal weed. <i>Industrial Crops and Products</i> , 2012, 40, 307-311.	5.2	9
63	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
64	Maximizing oilseed rape's yield by glyphosate under Mediterranean conditions. <i>Industrial Crops and Products</i> , 2011, 33, 544-548.	5.2	4
65	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
66	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
67	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
68	Weed-suppressive effects of maizeâ€“legume intercropping in organic farming. <i>International Journal of Pest Management</i> , 2010, 56, 173-181.	1.8	75
69	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
70	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
71	Adverse Effect of Bermudagrass on Physiological and Growth Components of Cotton. <i>Journal of Agronomy</i> , 2007, 7, 49-55.	0.4	5
72	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

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73	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
74	Weed flora distribution in Greek cotton fields and its possible influence by herbicides. <i>Phytoparasitica</i> , 2005, 33, 406-419.	1.2	13
75	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
76	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
77	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
78	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
79	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
80	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
81	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
82	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
83	Early plasmapheresis in patients with thrombotic thrombocytopenic purpura. <i>Critical Care Medicine</i> , 1992, 20, 57-61.	0.9	22
84	POWDERY MILDEW (<i>ERYSIPHE CRUCIFERARUM</i>) INFECTION ON <i>CAMELINA</i> (<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