Christos A Damalas

List of Publications by Year in descending order

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81743 76769 6,693 134 39 74 citations g-index h-index papers 150 150 150 6186 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Pesticide Exposure, Safety Issues, and Risk Assessment Indicators. International Journal of Environmental Research and Public Health, 2011, 8, 1402-1419.	1.2	1,568
2	Farmers' Exposure to Pesticides: Toxicity Types and Ways of Prevention. Toxics, 2016, 4, 1.	1.6	378
3	Current Status and Recent Developments in Biopesticide Use. Agriculture (Switzerland), 2018, 8, 13.	1.4	201
4	Dry matter yield, nitrogen content, and competition in pea–cereal intercropping systems. European Journal of Agronomy, 2011, 34, 287-294.	1.9	183
5	Drivers of farmers' intention to use integrated pest management: Integrating theory of planned behavior and norm activation model. Journal of Environmental Management, 2019, 236, 328-339.	3.8	179
6	Modeling farmers' intention to use pesticides: An expanded version of the theory of planned behavior. Journal of Environmental Management, 2019, 248, 109291.	3.8	139
7	Pesticide use and risk perceptions among farmers in the cotton belt of Punjab, Pakistan. Crop Protection, 2015, 67, 184-190.	1.0	135
8	Pesticide use and safety practices among Greek tobacco farmers: A survey. International Journal of Environmental Health Research, 2006, 16, 339-348.	1.3	115
9	Heavy metal bioavailability and accumulation in winter wheat (Triticum aestivum L.) irrigated with treated wastewater in calcareous soils. Science of the Total Environment, 2019, 656, 261-269.	3.9	95
10	Determinants of pesticide safety behavior among Iranian rice farmers. Science of the Total Environment, 2019, 651, 2953-2960.	3.9	93
11	Farmers' use of personal protective equipment during handling of plant protection products: Determinants of implementation. Science of the Total Environment, 2016, 571, 730-736.	3.9	92
12	Pesticide Use and Risk Perceptions among Farmers in Southwest Iran. Human and Ecological Risk Assessment (HERA), 2012, 18, 456-470.	1.7	91
13	Farmers' Training on Pesticide Use Is Associated with Elevated Safety Behavior. Toxics, 2017, 5, 19.	1.6	87
14	Perceptions of the beneficial and harmful effects of pesticides among Iranian rice farmers influence the adoption of biological control. Crop Protection, 2015, 75, 124-131.	1.0	82
15	Farmers' Perceptions of Pesticide Efficacy: Reflections on the Importance of Pest Management Practices Adoption. Agroecology and Sustainable Food Systems, 2010, 35, 69-85.	0.9	80
16	Assessing farmers' practices on disposal of pesticide waste after use. Science of the Total Environment, 2008, 390, 341-345.	3.9	75
17	Pesticide handling practices, health risks, and determinants of safety behavior among Iranian apple farmers. Human and Ecological Risk Assessment (HERA), 2018, 24, 2209-2223.	1.7	73
18	Exogenous application of gamma-aminobutyric acid (GABA) alleviates the effect of water deficit stress in black cumin (Nigella sativa L.). Industrial Crops and Products, 2018, 112, 741-748.	2.5	72

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19	Factors preventing the adoption of alternatives to chemical pest control among Pakistani cotton farmers. International Journal of Pest Management, 2015, 61, 9-16.	0.9	70
20	Improving drought tolerance in sweet basil (Ocimum basilicum) with salicylic acid. Scientia Horticulturae, 2019, 246, 360-365.	1.7	69
21	Seed yield and oil quality of sunflower, safflower, and sesame under different levels of irrigation water availability. Agricultural Water Management, 2019, 218, 149-157.	2.4	65
22	Farmers' knowledge about common pests and pesticide safety in conventional cotton production in Pakistan. Crop Protection, 2015, 77, 45-51.	1.0	64
23	Pesticide exposure in the local community of Vehari District in Pakistan: An assessment of knowledge and residues in human blood. Science of the Total Environment, 2017, 587-588, 137-144.	3.9	63
24	Farmers' Criteria for Pesticide Selection and Use in the Pest Control Process. Agriculture (Switzerland), 2018, 8, 24.	1.4	63
25	Preferences and emotion perceptions of ornamental plant species for green space designing among urban park users in Iran. Urban Forestry and Urban Greening, 2019, 39, 98-108.	2.3	63
26	Biomass and nitrogen accumulation and translocation in spelt (Triticum spelta) grown in a Mediterranean area. Field Crops Research, 2012, 127, 1-8.	2.3	62
27	Farmers' behaviour in pesticide use: A key concept for improving environmental safety. Current Opinion in Environmental Science and Health, 2018, 4, 27-30.	2.1	61
28	Cadmium accumulation, translocation factor, and health risk potential in a wastewater-irrigated soil-wheat (Triticum aestivum L.) system. Chemosphere, 2019, 231, 579-587.	4.2	61
29	Farmers' behavior towards safe pesticide handling: An analysis with the theory of planned behavior. Science of the Total Environment, 2021, 751, 141709.	3.9	58
30	Determinants of integrated pest management adoption for olive fruit fly (Bactrocera oleae) in Roudbar, Iran. Crop Protection, 2016, 84, 113-120.	1.0	57
31	Predicting adoption of biological control among Iranian rice farmers: An application of the extended technology acceptance model (TAM2). Crop Protection, 2017, 96, 88-96.	1.0	56
32	Farmers' knowledge, attitudes, and perceptions of pesticide use in apple farms of northern Iran: impact on safety behavior. Environmental Science and Pollution Research, 2019, 26, 9343-9351.	2.7	54
33	Health problems from pesticide exposure and personal protective measures among women cotton workers in southern Pakistan. Science of the Total Environment, 2019, 685, 659-666.	3.9	51
34	Farmers' willingness to pay for less health risks by pesticide use: A case study from the cotton belt of Punjab, Pakistan. Science of the Total Environment, 2015, 530-531, 297-303.	3.9	50
35	Occupational exposure to pesticides and resultant health problems among cotton farmers of Punjab, Pakistan. International Journal of Environmental Health Research, 2015, 25, 508-521.	1.3	49
36	Hydro-priming Effects on Seed Germination and Field Performance of Faba Bean in Spring Sowing. Agriculture (Switzerland), 2019, 9, 201.	1.4	48

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37	Growth, grain yield and nitrogen use efficiency of Mediterranean wheat in soils amended with municipal sewage sludge. Nutrient Cycling in Agroecosystems, 2014, 100, 227-243.	1.1	46
38	Long-term yield patterns for continuous winter wheat cropping in northern Greece. European Journal of Agronomy, 2006, 25, 208-214.	1.9	44
39	Attitudes towards pesticide labelling among Greek tobacco farmers. International Journal of Pest Management, 2006, 52, 269-274.	0.9	44
40	Motivations for adopting biological control among Iranian rice farmers. Crop Protection, 2016, 80, 42-50.	1.0	43
41	Farmers' competence and training needs on pest management practices: Participation in extension workshops. Crop Protection, 2009, 28, 934-939.	1.0	40
42	Farmers' intention to reduce pesticide use: the role of perceived risk of loss in the model of the planned behavior theory. Environmental Science and Pollution Research, 2021, 28, 35278-35285.	2.7	40
43	Determinants of rice farmers' intention to use pesticides in eastern India: Application of an extended version of the planned behavior theory. Sustainable Production and Consumption, 2021, 26, 814-823.	5.7	40
44	Drivers of Personal Safety in Agriculture: A Case Study with Pesticide Operators. Agriculture (Switzerland), 2019, 9, 34.	1.4	37
45	Dicamba and Atrazine Antagonism on Sulfonylurea Herbicides Used for Johnsongrass (Sorghum) Tj ETQq1 1 0.	784314 rgE 0.4	BT / <mark>g</mark> yerlock 1
46	Environmental impact of rice production based on nitrogen fertilizer use. Environmental Science and Pollution Research, 2018, 25, 15885-15895.	2.7	34
47	Selecting strategies for rice stem borer management using the Analytic Hierarchy Process (AHP). Crop Protection, 2016, 84, 27-36.	1.0	33
48	Interference between corn and johnsongrass (Sorghum halepense) from seed or rhizomes. Weed Science, 2003, 51, 540-545.	0.8	32
49	Farmers' attitudes towards pesticide labels: implications for personal and environmental safety. International Journal of Pest Management, 2016, 62, 319-325.	0.9	32
50	Modeling cereal farmers' intended and actual adoption of integrated crop management (ICM) practices. Journal of Rural Studies, 2019, 70, 58-65.	2.1	30
51	Heavy metal exposure through artificial diet reduces growth and survival of Spodoptera litura (Lepidoptera: Noctuidae). Environmental Science and Pollution Research, 2019, 26, 14426-14434.	2.7	30
52	Morphological and Physiological Variation among Species of the Genus <i>Echinochloa</i> in Northern Greece. Weed Science, 2008, 56, 416-423.	0.8	29
53	Consumers' acceptance of medicinal herbs: An application of the technology acceptance model (TAM). Journal of Ethnopharmacology, 2017, 207, 203-210.	2.0	29
54	Farmers' Technical Knowledge about Integrated Pest Management (IPM) in Olive Production. Agriculture (Switzerland), 2017, 7, 101.	1.4	29

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55	Distribution, biology, and agricultural importance of <i>Galinsoga parviflora</i> (Asteraceae). Weed Biology and Management, 2008, 8, 147-153.	0.6	28
56	Azolla (Azolla filiculoides) compost improves grain yield of rice (Oryza sativa L.) under different irrigation regimes. Agricultural Water Management, 2018, 209, 1-10.	2.4	28
57	Sunflower growth and yield response to sewage sludge application under contrasting water availability conditions. Industrial Crops and Products, 2020, 154, 112670.	2.5	28
58	Tillage Effects on Wheat Emergence and Yield at Varying Seeding Rates, and on Labor and Fuel Consumption. Crop Science, 2006, 46, 1187-1192.	0.8	27
59	Nitrogen-Fixing Soil Bacteria Plus Mycorrhizal Fungi Improve Seed Yield and Quality Traits of Lentil (Lens culinaris Medik). Journal of Soil Science and Plant Nutrition, 2019, 19, 592-602.	1.7	27
60	Pesticide waste disposal among farmers of Moghan region of Iran: current trends and determinants of behavior. Environmental Monitoring and Assessment, 2019, 191, 30.	1.3	27
61	Arbuscular Mycorrhizal Fungi and Rhizobacteria Promote Growth of Russian Knapweed (Acroptilon) Tj ETQq1 1 C).784314 2.8	rgBT_/Overloc
62	Farmers' acceptance and willingness to pay for using treated wastewater in crop irrigation: A survey in western Iran. Agricultural Water Management, 2020, 239, 106262.	2.4	25
63	Insecticide toxic effects and blood biochemical alterations in occupationally exposed individuals in Punjab, Pakistan. Science of the Total Environment, 2019, 655, 102-111.	3.9	24
64	Improving Seed Germination and Early Growth of Garden Cress (Lepidium sativum) and Basil (Ocimum) Tj ETQqC	0 0 rgBT 2.8	/Overlock 10
65	Understanding adoption, non-adoption, and discontinuance of biological control in rice fields of northern Iran. Crop Protection, 2017, 93, 60-68.	1.0	20
66	Farmers' behavior in reading and using risk information displayed on pesticide labels: a test with the theory of planned behavior. Pest Management Science, 2021, 77, 2903-2913.	1.7	20
67	Conservation Tillage: A Promising Perspective for Sustainable Agriculture in Greece. Agroecology and Sustainable Food Systems, 2009, 33, 85-95.	0.9	19
68	Determinants of farmers' decisions on pesticide use in oriental tobacco: a survey of common practices. International Journal of Pest Management, 2014, 60, 224-231.	0.9	19
69	Sowing Date and Cultivar Effects on Assimilate Translocation in Spring Mediterranean Chickpea. Agronomy Journal, 2017, 109, 2011-2024.	0.9	18
70	Effect of Organic Manure on Wheat Grain Yield, Nutrient Accumulation, and Translocation. Agronomy Journal, 2016, 108, 615-625.	0.9	17
71	Exploring farmers' orientation towards multifunctional agriculture: Insights from northern Iran. Land Use Policy, 2016, 59, 121-129.	2.5	17
72	Integrated management of agricultural water resources among paddy farmers in northern Iran. Agricultural Water Management, 2018, 200, 19-26.	2.4	17

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73	Phytomanagement of trace metals in mangrove sediments of Hormozgan, Iran, using gray mangrove (Avicennia marina). Environmental Science and Pollution Research, 2018, 25, 28195-28205.	2.7	17
74	Growth and Physiology of Maize (Zea mays L.) in a Nickel-Contaminated Soil and Phytoremediation Efficiency Using EDTA. Journal of Plant Growth Regulation, 2021, 40, 774-786.	2.8	16
75	Farmers' attitudes towards common farming practices in northern Greece: implications for environmental pollution. Nutrient Cycling in Agroecosystems, 2016, 105, 103-116.	1.1	15
76	Integrated Application of Organic Amendments with Alcaligenes sp. AZ9 Improves Nutrient Uptake and Yield of Maize (Zea mays). Journal of Plant Growth Regulation, 2020, 39, 1277-1292.	2.8	15
77	Improving diquat efficacy on grasses by adding adjuvants to the spray solution before use. Planta Daninha, 2014, 32, 355-360.	0.5	15
78	Control of Early Watergrass (Echinochloa Oryzoides) and Late Watergrass (Echinochloa) Tj ETQq0 0 0 rgBT /Ov Broadleaf Herbicides. Weed Technology, 2006, 20, 992-998.	erlock 10 [°] 0.4	Tf 50 547 Td (13
79	Bispyribac–Sodium Efficacy on Early Watergrass (<i>Echinochloa oryzoides</i>) and Late Watergrass (<i>Echinochloa Phyllopogon</i>) as Affected by Coapplication of Selected Rice Herbicides and Insecticides. Weed Technology, 2008, 22, 622-627.	0.4	13
80	Grain-filling patterns and nitrogen utilization efficiency of spelt (<i>Triticum spelta</i>) under Mediterranean conditions. Journal of Agricultural Science, 2014, 152, 716-730.	0.6	13
81	Pesticide Drift: Seeking Reliable Environmental Indicators of Exposure Assessment., 2015,, 251-261.		13
82	Crop protection services by Plant Clinics in Iran: An evaluation through rice farmers' satisfaction. Crop Protection, 2017, 98, 191-197.	1.0	13
83	Foliar fertilization with micronutrients improves Stevia rebaudiana tolerance to salinity stress by improving root characteristics. Revista Brasileira De Botanica, 2020, 43, 55-65.	0.5	13
84	Adoption of conservation farming practices for sustainable rice production among small-scale paddy farmers in northern Iran. Paddy and Water Environment, 2017, 15, 237-248.	1.0	12
85	Weed control and selectivity in maize (<i>Zea mays</i> L.) with tembotrione mixtures. International Journal of Pest Management, 2018, 64, 11-18.	0.9	12
86	Grain yield and nitrogen dynamics of Mediterranean barley and triticale. Archives of Agronomy and Soil Science, 2016, 62, 484-501.	1.3	11
87	Environmental sustainability of corn (Zea mays L.) production on the basis of nitrogen fertilizer application: The case of Lahijan, Iran. Renewable and Sustainable Energy Reviews, 2018, 95, 48-55.	8.2	11
88	Identifying sustainable options for rice husk valorization using the analytic hierarchy process. Outlook on Agriculture, 2019, 48, 117-125.	1.8	11
89	Sunflower response to repeated foliar applications of Paclobutrazol. Planta Daninha, 2015, 33, 129-135.	0.5	10
90	Agroforestry Systems as Alternative Land-Use Options in the Arid Zone of Thal, Pakistan. Small-Scale Forestry, 2017, 16, 553-569.	0.7	10

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91	Soil quality of an Iranian forest ecosystem after conversion to various types of land use. Environmental Monitoring and Assessment, 2018, 190, 447.	1.3	10
92	Sewage Sludge Influences Nitrogen Uptake, Translocation, and Use Efficiency in Sunflower. Journal of Soil Science and Plant Nutrition, 2020, 20, 1912-1922.	1.7	10
93	Modeling farmers' intention for safe pesticide use: the role of risk perception and use of information sources. Environmental Science and Pollution Research, 2021, 28, 66677-66686.	2.7	10
94	Microbial detoxification of dimethoate through mediated hydrolysis by Brucella sp. PS4: molecular profiling and plant growth-promoting traits. Environmental Science and Pollution Research, 2022, 29, 2420-2431.	2.7	10
95	Inheritance of resistance to sclerotinia stem rot (Sclerotinia trifoliorum) in faba beans (Vicia faba L.). Field Crops Research, 2005, 91, 125-130.	2.3	9
96	Effects of Gamma Stress and Carbon Dioxide on Eight Bioactive Flavonoids and Photosynthetic Efficiency in Centella asiatica. Journal of Plant Growth Regulation, 2017, 36, 957-969.	2.8	9
97	Chemical Priming with Salt and Urea Improves Germination and Seedling Growth of Black Cumin (Nigella sativa L.) under Osmotic Stress. Journal of Plant Growth Regulation, 2019, 38, 1170-1178.	2.8	9
98	Chamomile and Anise Cultivation in Olive Agroforestry Systems. Forests, 2022, 13, 128.	0.9	9
99	MODELLING YIELDS OF NON-IRRIGATED WINTER WHEAT IN A SEMI-ARID MEDITERRANEAN ENVIRONMENT BASED ON DROUGHT VARIABILITY. Experimental Agriculture, 2013, 49, 448-460.	0.4	8
100	Predicting adoption of double cropping in paddy fields of northern Iran: a comparison of statistical methods. Paddy and Water Environment, 2017, 15, 907-917.	1.0	8
101	Adoption Determinants of Modern Rice Cultivars among Smallholders of Northern Iran. Agriculture (Switzerland), 2019, 9, 232.	1.4	8
102	Chive (Allium schoenoprasum L.) response as a phytoextraction plant in cadmium-contaminated soils. Environmental Science and Pollution Research, 2019, 26, 152-160.	2.7	8
103	Nitrogen Utilization and Yield Determination of Spring Mediterranean Chickpea as Influenced by Planting Date and Environmental Conditions. International Journal of Plant Production, 2019, 13, 59-72.	1.0	8
104	Morpho-physiological responses of sunflower to foliar applications of chlormequat chloride (CCC). Bioscience Journal, 0, , 1493-1501.	0.4	8
105	Promoting cultivation of medicinal and aromatic plants for natural resource management and livelihood enhancement in Iran. Environment, Development and Sustainability, 2020, 22, 4007-4024.	2.7	7
106	Weed Competition Effects on Growth and Yield of Spring-Sown White Lupine. Horticulturae, 2022, 8, 430.	1.2	7
107	Echinochloa species control in maize (Zea mays L.) with sulfonylurea herbicides applied alone and in mixtures with broadleaf herbicides. Crop Protection, 2012, 34, 70-75.	1.0	6
108	CHEMICAL OPTIONS FOR THE CONTROL OF SILVERLEAF NIGHTSHADE (Solanum elaeagnifolium). Planta Daninha, 2017, 35, .	0.5	6

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109	Safflower assimilate remobilization, yield, and oil content in response to nitrogen availability, sowing time, and genotype. Field Crops Research, 2021, 274, 108313.	2.3	6
110	Exogenous application of salicylic acid for regulation of sunflower growth under abiotic stress: a systematic review. Biologia (Poland), 2022, 77, 1685-1697.	0.8	6
111	Environmental Impact of Peanut (Arachis hypogaea L.) Production under Different Levels of Nitrogen Fertilization. Agriculture (Switzerland), 2018, 8, 104.	1.4	5
112	Drivers and barriers for organic rice (Oryza sativa L.) production in northern Iran: experts' consensus using the Delphi method. Biological Agriculture and Horticulture, 2020, 36, 96-106.	0.5	5
113	Galium spurium and G. aparine Resistance to ALS-Inhibiting Herbicides in Northern Greece. Planta Daninha, 0, 37, .	0.5	5
114	Optimizing diquat efficacy with the use of adjuvants. Phytoparasitica, 2018, 46, 715-722.	0.6	4
115	Resistance levels and chemical control options of sterile oat (Avena sterilis L.) in Northern Greece. International Journal of Pest Management, 2020, 66, 106-115.	0.9	4
116	Phosphorus and potassium uptake, translocation, and utilization efficiency in chickpea under Mediterranean conditions. Nutrient Cycling in Agroecosystems, 2020, 116, 313-328.	1.1	4
117	Safe Food Production with Minimum and Judicious Use of Pesticides. , 2016, , 43-55.		3
118	Pesticides in agriculture: Environmental and health risks. Current Opinion in Environmental Science and Health, 2018, 4, iv-v.	2.1	3
119	European Borage (Borago officinalis L.) Yield and Profitability under Different Irrigation Systems. Agriculture (Switzerland), 2020, 10, 136.	1.4	3
120	Evaluation of faba beans for resistance to sclerotinia stem rot caused by Sclerotinia trifoliorum. Phytoprotection, 0, 85, 89-94.	0.3	3
121	Pyrithiobac reduces control of green foxtail (Setaria viridis) and bristly foxtail (Setaria verticillata) by propaquizafop. Crop Protection, 2009, 28, 616-618.	1.0	2
122	Herbicide Mixtures for Control of Water Smartweed (<i>Polygonum amphibium</i>) and Wild Buckwheat (<i>Polygonum convolvulus</i>) in Potato. Weed Technology, 2014, 28, 401-407.	0.4	2
123	ANNUAL GRASSES CONTROL WITH TOPRAMEZONE IN MIXTURE WITH ALS-INHIBITING HERBICIDES. Planta Daninha, 2015, 33, 509-519.	0.5	2
124	Phenological development of natural populations of European field pansy (<scp><i>Viola) Tj ETQq0 0 0 rgBT /Ov</i></scp>	erlock 10	Tf 50 142 Td
125	Weed control practices and awareness of herbicide resistance among cereal farmers of northern Greece. Weed Technology, 2020, 34, 909-915.	0.4	2
126	Horticultural products irrigated with treated sewage: are they acceptable? Environmental Science and Pollution Research, 2021, 28, 54057-54068.	2.7	2

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127	Nitrogen dynamics during the seed-filling period in safflower under dryland Mediterranean conditions. Nutrient Cycling in Agroecosystems, 0 , 1 .	1.1	2
128	Monitoring point source pollution by pesticide use: an analysis of farmers' environmental behavior in waste disposal. Environment, Development and Sustainability, 2023, 25, 6711-6726.	2.7	2
129	Multiple resistance of silky windgrass to acetolactate synthase- and acetyl-CoA synthase–inhibiting herbicides. Weed Technology, 2022, 36, 334-343.	0.4	2
130	Marketing mix for the promotion of biological control among small-scale paddy farmers. International Journal of Pest Management, 2019, 65, 59-65.	0.9	1
131	Physiology and Yield of Confection Sunflower under Different Application Schemes of Mepiquat Chloride. Agriculture (Switzerland), 2020, 10, 15.	1.4	1
132	Foliar Applications of Salicylic Acid for Improving Crop Tolerance to Drought Stress: A Review. , 2021, , 65-76.		1
133	Factors affecting farmers $\hat{a} \in \mathbb{N}$ safety behavior in the use of chemical pesticides: the role of technical efficiency. International Journal of Pest Management, 0, , 1-12.	0.9	1
134	Winter barley performance on two different soils under conservation tillage systems. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2011, 61, 33-38.	0.3	0