

Nikoletta G Ntalli

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,942
citations

257357
24
h-index

254106
43
g-index

53
all docs

53
docs citations

53
times ranked

1650
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of botanical treatments used in apiculture to control arthropod pests. <i>Apidologie</i> , 2022, 53, .	0.9	2
2	Short-Time Impact of Soil Amendments with Medicago Plant Materials on Soil Nematofauna. <i>Plants</i> , 2021, 10, 145.	1.6	0
3	Developing a <i>Hazomalania voyronii</i> Essential Oil Nanoemulsion for the Eco-Friendly Management of <i>Tribolium confusum</i> , <i>Tribolium castaneum</i> and <i>Tenebrio molitor</i> Larvae and Adults on Stored Wheat. <i>Molecules</i> , 2021, 26, 1812.	1.7	32
4	Five natural compounds of botanical origin as wheat protectants against adults and larvae of <i>Tenebrio molitor</i> L. and <i>Trogoderma granarium</i> Everts. <i>Environmental Science and Pollution Research</i> , 2021, 28, 42763-42775.	2.7	16
5	The Effect of Botanicals with Nematicidal Activity on the Structural and Functional Characteristics of the Soil Nematode Community. <i>Agriculture (Switzerland)</i> , 2021, 11, 326.	1.4	7
6	PIN1 auxin efflux carrier absence in <i>Meloidogyne incognita</i> -induced root-knots of tomato plants. <i>European Journal of Plant Pathology</i> , 2021, 161, 987.	0.8	1
7	Controlling Stored Productsâ€™ Pests with Plant Secondary Metabolites: A Review. <i>Agriculture (Switzerland)</i> , 2021, 11, 879.	1.4	12
8	Nematicidal Activity and Phytochemistry of Greek Lamiaceae Species. <i>Agronomy</i> , 2020, 10, 1119.	1.3	14
9	Nematicidal Activity of <i>Stevia rebaudiana</i> (Bertoni) Assisted by Phytochemical Analysis. <i>Toxins</i> , 2020, 12, 319.	1.5	9
10	The Role of Microbial Inoculants on Plant Protection, Growth Stimulation, and Crop Productivity of the Olive Tree (<i>Olea europea</i> L.). <i>Plants</i> , 2020, 9, 743.	1.6	43
11	The Nematicidal Potential of Bioactive <i>Streptomyces</i> Strains Isolated from Greek Rhizosphere Soils Tested on <i>Arabidopsis</i> Plants of Varying Susceptibility to <i>Meloidogyne</i> spp.. <i>Plants</i> , 2020, 9, 699.	1.6	4
12	Effectiveness of eight essential oils against two key stored-product beetles, <i>Prostephanus truncatus</i> (Horn) and <i>Trogoderma granarium</i> Everts. <i>Food and Chemical Toxicology</i> , 2020, 139, 111255.	1.8	59
13	Efficacy of the furanosesquiterpene isofuranodiene against the stored-product insects <i>Prostephanus truncatus</i> (Coleoptera: Bostrychidae) and <i>Trogoderma granarium</i> (Coleoptera: Dermestidae). <i>Journal of Stored Products Research</i> , 2020, 86, 101553.	1.2	21
14	<i>Thymus Citriodorus</i> (Schreb) Botanical Products as Ecofriendly Nematicides with Bio-Fertilizing Properties. <i>Plants</i> , 2020, 9, 202.	1.6	21
15	Mode of action and ecotoxicity of hexanoic and acetic acids on <i>Meloidogyne javanica</i> . <i>Journal of Pest Science</i> , 2020, 93, 867-877.	1.9	12
16	Nematicidal Amendments and Soil Remediation. <i>Plants</i> , 2020, 9, 429.	1.6	32
17	The volatile oils from the oleo-gum-resins of <i>Ferula assa-foetida</i> and <i>Ferula gummosa</i> : A comprehensive investigation of their insecticidal activity and eco-toxicological effects. <i>Food and Chemical Toxicology</i> , 2020, 140, 111312.	1.8	39
18	Cell Wall Modifications in Giant Cells Induced by the Plant Parasitic Nematode <i>Meloidogyne incognita</i> in Wild-Type (Col-0) and the fra2 <i>Arabidopsis thaliana</i> Katanin Mutant. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5465.	1.8	22

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19	Plant secondary metabolites against arthropods of medical importance. <i>Phytochemistry Reviews</i> , 2019, 18, 1255-1275.	3.1	25
20	Anise, parsley and rocket as nematicidal soil amendments and their impact on non-target soil organisms. <i>Applied Soil Ecology</i> , 2019, 143, 17-25.	2.1	19
21	Whey: The Soil Bio-Community Enhancer That Selectively Controls Root-Knot Nematodes. <i>Plants</i> , 2019, 8, 445.	1.6	4
22	Chemoreception of botanical nematicides by <i>Meloidogyne incognita</i> and <i>Caenorhabditis elegans</i> . <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2018, 53, 493-502.	0.7	9
23	Greenhouse biofumigation with <i>Melia azedarach</i> controls <i>Meloidogyne</i> spp. and enhances soil biological activity. <i>Journal of Pest Science</i> , 2018, 91, 29-40.	1.9	37
24	Nematicidal Weeds, <i>Solanum nigrum</i> and <i>Datura stramonium</i> . <i>Journal of Nematology</i> , 2018, 50, 317-328.	0.4	12
25	A review of isothiocyanates biofumigation activity on plant parasitic nematodes. <i>Phytochemistry Reviews</i> , 2017, 16, 827-834.	3.1	59
26	Biocidal effect of (E)-anethole on the cyanobacterium <i>Aphanizomenon gracile</i> Lemmermann. <i>Journal of Applied Phycology</i> , 2017, 29, 1297-1305.	1.5	2
27	Strong synergistic activity and egg hatch inhibition by (E,E)-2,4-decadienal and (E)-2-decenal in <i>Meloidogyne</i> species. <i>Journal of Pest Science</i> , 2016, 89, 565-579.	1.9	19
28	Nematicidal activity of acetophenones and chalcones against <i>Meloidogyne incognita</i> and structure-activity considerations. <i>Pest Management Science</i> , 2016, 72, 125-130.	1.7	42
29	Acetic Acid, 2-Undecanone, and (E)-2-Decenal Ultrastructural Malformations on <i>Meloidogyne incognita</i> . <i>Journal of Nematology</i> , 2016, 48, 248-260.	0.4	27
30	Nematicidal Activity of the Volatilome of <i>Eruca sativa</i> on <i>Meloidogyne incognita</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 6120-6125.	2.4	67
31	Activity of Catambra Extracts against <i>Meloidogyne</i> spp.. <i>American Journal of Experimental Agriculture</i> , 2015, 5, 209-216.	0.2	0
32	Nematicidal activity of furanocoumarins from parsley against <i>Meloidogyne</i> spp.. <i>Pest Management Science</i> , 2015, 71, 1099-1105.	1.7	42
33	Limonoids from <i>Melia azedarach</i> Fruits as Inhibitors of Flaviviruses and <i>Mycobacterium tuberculosis</i> . <i>PLoS ONE</i> , 2015, 10, e0141272.	1.1	24
34	Biological activity of <i>Melia azedarach</i> extracts against <i>Spodoptera exigua</i> . <i>Biologia (Poland)</i> , 2014, 69, 1606-1614.	0.8	8
35	Botanical Nematicides, Recent Findings. <i>ACS Symposium Series</i> , 2014, , 145-157.	0.5	21
36	Biofunctional Properties of <i>Melia azedarach</i> Extracts. <i>ACS Symposium Series</i> , 2014, , 151-163.	0.5	0

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37	Potent Nematicidal Activity of Phthalaldehyde, Salicylaldehyde, and Cinnamic Aldehyde against <i>Meloidogyne incognita</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 1794-1803.	2.4	62
38	Nematicidal Activity of Mint Aqueous Extracts against the Root-Knot Nematode <i>Meloidogyne incognita</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 9784-9788.	2.4	75
39	Nematicidal Activity of (<i>E</i>)-2,4-Decadienal and (<i>E</i>)-2-Decenal from <i>Ailanthus altissima</i> against <i>Meloidogyne javanica</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 1146-1151.	2.4	100
40	Nematotoxic Phenolic Compounds from <i>Melia azedarach</i> Against <i>Meloidogyne incognita</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 11675-11680.	2.4	63
41	Botanical Nematicides: A Review. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 9929-9940.	2.4	231
42	Botanical nematicides in the mediterranean basin. <i>Phytochemistry Reviews</i> , 2012, 11, 351-359.	3.1	39
43	Isolation and Chemical Characterization of Components with Biological Activity Extracted from <i>Azadirachta indica</i> and <i>Melia azedarach</i> . <i>ACS Symposium Series</i> , 2012, , 51-77.	0.5	5
44	<i>Melia azedarach</i> controls <i>Meloidogyne incognita</i> and triggers plant defense mechanisms on cucumber. <i>Crop Protection</i> , 2012, 35, 85-90.	1.0	38
45	Aliphatic Ketones from <i>Ruta chalepensis</i> (Rutaceae) Induce Paralysis on Root Knot Nematodes. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 7098-7103.	2.4	69
46	Synergistic and antagonistic interactions of terpenes against <i>Meloidogyne incognita</i> and the nematicidal activity of essential oils from seven plants indigenous to Greece. <i>Pest Management Science</i> , 2011, 67, 341-351.	1.7	171
47	Nematicidal activity of powder and extracts of <i>Melia azedarach</i> fruits against <i>Meloidogyne incognita</i> . <i>Annals of Applied Biology</i> , 2010, 156, 309-317.	1.3	35
48	Cytotoxic Tirucallane Triterpenoids from <i>Melia azedarach</i> Fruits. <i>Molecules</i> , 2010, 15, 5866-5877.	1.7	53
49	Phytochemistry and Nematicidal Activity of the Essential Oils from 8 Greek Lamiaceae Aromatic Plants and 13 Terpene Components. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 7856-7863.	2.4	141
50	Nematicidal Carboxylic Acids and Aldehydes from <i>Melia azedarach</i> Fruits. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 11390-11394.	2.4	59
51	Efficacy evaluation of a neem (<i>Azadirachta indica</i> A. Juss) formulation against root-knot nematodes <i>Meloidogyne incognita</i> . <i>Crop Protection</i> , 2009, 28, 489-494.	1.0	38
52	Metal-based Nanoparticles as antifungal and nematicidal agents. , 0, , .		0