Nikoletta G Ntalli

List of Publications by Year
in descending order

52 papers	1,942 citations	257450 24 h-index	254184 43 g-index
53 all docs	53 docs citations	53 times ranked	1650 citing authors

#	Article	IF	Citations
1	Botanical Nematicides: A Review. Journal of Agricultural and Food Chemistry, 2012, 60, 9929-9940.	5.2	231
2	Synergistic and antagonistic interactions of terpenes against Meloidogyne incognita and the nematicidal activity of essential oils from seven plants indigenous to Greece. Pest Management Science, 2011, 67, 341-351.	3.4	171
3	Phytochemistry and Nematicidal Activity of the Essential Oils from 8 Greek Lamiaceae Aromatic Plants and 13 Terpene Components. Journal of Agricultural and Food Chemistry, 2010, 58, 7856-7863.	5.2	141
4	Nematicidal Activity of (E,E)-2,4-Decadienal and (E)-2-Decenal from Ailanthus altissima against Meloidogyne javanica. Journal of Agricultural and Food Chemistry, 2012, 60, 1146-1151.	5.2	100
5	Nematicidal Activity of Mint Aqueous Extracts against the Root-Knot Nematode Meloidogyne incognita. Journal of Agricultural and Food Chemistry, 2013, 61, 9784-9788.	5.2	75
6	Aliphatic Ketones from Ruta chalepensis (Rutaceae) Induce Paralysis on Root Knot Nematodes. Journal of Agricultural and Food Chemistry, 2011, 59, 7098-7103.	5.2	69
7	Nematicidal Activity of the Volatilome of Eruca sativa on Meloidogyne incognita. Journal of Agricultural and Food Chemistry, 2015, 63, 6120-6125.	5.2	67
8	Nematotoxic Phenolic Compounds from Melia azedarach Against Meloidogyne incognita. Journal of Agricultural and Food Chemistry, 2012, 60, 11675-11680.	5.2	63
9	Potent Nematicidal Activity of Phthalaldehyde, Salicylaldehyde, and Cinnamic Aldehyde against Meloidogyne incognita. Journal of Agricultural and Food Chemistry, 2013, 61, 1794-1803.	5.2	62
10	Nematicidal Carboxylic Acids and Aldehydes from Melia azedarach Fruits. Journal of Agricultural and Food Chemistry, 2010, 58, 11390-11394.	5.2	59
11	A review of isothiocyanates biofumigation activity on plant parasitic nematodes. Phytochemistry Reviews, 2017, 16, 827-834.	6.5	59
12	Effectiveness of eight essential oils against two key stored-product beetles, Prostephanus truncatus (Horn) and Trogoderma granarium Everts. Food and Chemical Toxicology, 2020, 139, 111255.	3.6	59
13	Cytotoxic Tirucallane Triterpenoids from Melia azedarach Fruits. Molecules, 2010, 15, 5866-5877.	3.8	53
14	The Role of Microbial Inoculants on Plant Protection, Growth Stimulation, and Crop Productivity of the Olive Tree (Olea europea L.). Plants, 2020, 9, 743.	3.5	43
15	Nematicidal activity of furanocoumarins from parsley againstMeloidogynespp.. Pest Management Science, 2015, 71, 1099-1105.	3.4	42
16	Nematicidal activity of acetophenones and chalcones against Meloidogyne incognita and structureâ€“activity considerations. Pest Management Science, 2016, 72, 125-130.	3.4	42
17	Botanical nematicides in the mediterranean basin. Phytochemistry Reviews, 2012, 11, 351-359.	6.5	39
18	The volatile oils from the oleo-gum-resins of Ferula assa-foetida and Ferula gummosa: A comprehensive investigation of their insecticidal activity and eco-toxicological effects. Food and Chemical Toxicology, 2020, 140, 111312.	3.6	39

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19	Efficacy evaluation of a neem (Azadirachta indica A. Juss) formulation against root-knot nematodes Meloidogyne incognita. Crop Protection, 2009, 28, 489-494.	2.1	38
20	Melia azedarach controls Meloidogyne incognita and triggers plant defense mechanisms on cucumber. Crop Protection, 2012, 35, 85-90.	2.1	38
21	Greenhouse biofumigation with Melia azedarach controls Meloidogyne spp. and enhances soil biological activity. Journal of Pest Science, 2018, 91, 29-40.	3.7	37
22	Nematicidal activity of powder and extracts of Melia azedarach fruits against Meloidogyne incognita. Annals of Applied Biology, 2010, 156, 309-317.	2.5	35
23	Nematicidal Amendments and Soil Remediation. Plants, 2020, 9, 429.	3.5	32
24	Developing a Hazomalania voyronii Essential Oil Nanoemulsion for the Eco-Friendly Management of Tribolium confusum, Tribolium castaneum and Tenebrio molitor Larvae and Adults on Stored Wheat. Molecules, 2021, 26, 1812.	3.8	32
25	Acetic Acid, 2-Undecanone, and (E)-2-Decenal Ultrastructural Malformations on Meloidogyne incognita. Journal of Nematology, 2016, 48, 248-260.	0.9	27
26	Plant secondary metabolites against arthropods of medical importance. Phytochemistry Reviews, 2019, 18, 1255-1275.	6.5	25
27	Limonoids from Melia azedarach Fruits as Inhibitors of Flaviviruses and Mycobacterium tubercolosis. PLoS ONE, 2015, 10, e0141272.	2.5	24
28	Cell Wall Modifications in Giant Cells Induced by the Plant Parasitic Nematode Meloidogyne incognita in Wild-Type (Col-0) and the fra2 Arabidopsis thaliana Katanin Mutant. International Journal of Molecular Sciences, 2019, 20, 5465.	4.1	22
29	Botanical Nematicides, Recent Findings. ACS Symposium Series, 2014, , 145-157.	0.5	21
30	Efficacy of the furanosesquiterpene isofuranodiene against the stored-product insects Prostephanus truncatus (Coleoptera: Bostrychidae) and Trogoderma granarium (Coleoptera: Dermestidae). Journal of Stored Products Research, 2020, 86, 101553.	2.6	21
31	Thymus Citriodorus (Schreb) Botanical Products as Ecofriendly Nematicides with Bio-Fertilizing Properties. Plants, 2020, 9, 202.	3.5	21
32	Strong synergistic activity and egg hatch inhibition by (E,E)-2,4-decadienal and (E)-2-decenal in Meloidogyne species. Journal of Pest Science, 2016, 89, 565-579.	3.7	19
33	Anise, parsley and rocket as nematicidal soil amendments and their impact on non-target soil organisms. Applied Soil Ecology, 2019, 143, 17-25.	4.3	19
34	Five natural compounds of botanical origin as wheat protectants against adults and larvae of Tenebrio molitor L. and Trogoderma granarium Everts. Environmental Science and Pollution Research, 2021, 28, 42763-42775.	5.3	16
35	Nematicidal Activity and Phytochemistry of Greek Lamiaceae Species. Agronomy, 2020, 10, 1119.	3.0	14
36	Mode of action and ecotoxicity of hexanoic and acetic acids on Meloidogyne javanica. Journal of Pest Science, 2020, 93, 867-877.	3.7	12

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37	Controlling Stored Productsâ€™ Pests with Plant Secondary Metabolites: A Review. Agriculture (Switzerland), 2021, 11, 879.	3.1	12
38	Nematicidal Weeds, Solanum nigrum and Datura stramonium. Journal of Nematology, 2018, 50, 317-328.	0.9	12
39	Chemoreception of botanical nematicides byMeloidogyne incognitaandCaenorhabditis elegans. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2018, 53, 493-502.	1.5	9
40	Nematicidal Activity of Stevia rebaudiana (Bertoni) Assisted by Phytochemical Analysis. Toxins, 2020, 12, 319.	3.4	9
41	Biological activity of Melia azedarach extracts against Spodoptera exigua. Biologia (Poland), 2014, 69, 1606-1614.	1.5	8
42	The Effect of Botanicals with Nematicidal Activity on the Structural and Functional Characteristics of the Soil Nematode Community. Agriculture (Switzerland), 2021, 11, 326.	3.1	7
43	Isolation and Chemical Characterization of Components with Biological Activity Extracted from Azadirachta indica and Melia azedarach. ACS Symposium Series, 2012, , 51-77.	0.5	5
44	Whey: The Soil Bio-Community Enhancer That Selectively Controls Root-Knot Nematodes. Plants, 2019, 8, 445.	3.5	4
45	Îhe Nematicidal Potential of Bioactive Streptomyces Strains Isolated from Greek Rhizosphere Soils Tested on Arabidopsis Plants of Varying Susceptibility to Meloidogyne spp.. Plants, 2020, 9, 699.	3.5	4
46	Biocidal effect of (E)-anethole on the cyanobacterium Aphanizomenon gracile Lemmermann. Journal of Applied Phycology, 2017, 29, 1297-1305.	2.8	2
47	The role of botanical treatments used in apiculture to control arthropod pests. Apidologie, 2022, 53, .	2.0	2
48	PIN1 auxin efflux carrier absence in Meloidogyne incognita-induced root-knots of tomato plants. European Journal of Plant Pathology, 2021, 161, 987.	1.7	1
49	Biofunctional Properties ofMelia azedarachExtracts. ACS Symposium Series, 2014, , 151-163.	0.5	0
50	Activity of Catambra Extracts against Meloidogyne spp.. American Journal of Experimental Agriculture, 2015, 5, 209-216.	0.2	0
51	Short-Time Impact of Soil Amendments with Medicago Plant Materials on Soil Nematofauna. Plants, 2021, 10, 145.	3.5	0
52	Metal-based Nanoparticles as antifungal and nematicidal agents. , 0, , .		0