Elena Fanelli

List of Publications by Year
in descending order

42	816	687363 13	501196 28
papers	citations	h-index	g-index

44	44	44	1059
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Expression of tomato salicylic acid (<scp>SA</scp>)â€responsive pathogenesisâ€related genes in <scp>Mi</scp>â€1â€mediated and <scp>SA</scp>â€induced resistance to rootâ€knot nematodes. Molecular Plant Pathology, 2014, 15, 255-264.	4.2	128
2	Analysis of chitin synthase function in a plant parasitic nematode, Meloidogyne artiellia, using RNAi. Gene, 2005, 349, 87-95.	2.2	110
3	Aquaporin-8-facilitated mitochondrial ammonia transport. Biochemical and Biophysical Research Communications, 2010, 393, 217-221.	2.1	91
4	Comparison of the sequences of the D3 expansion of the 26S ribosomal genes reveals different degrees of heterogeneity in different populations and species of Pratylenchus from the Mediterranean region. European Journal of Plant Pathology, 2004, 110, 949-957.	1.7	59
5	Glycogen synthase kinase 3-mediated voltage-dependent anion channel phosphorylation controls outer mitochondrial membrane permeability during lipid accumulation. Hepatology, 2013, 57, 93-102.	7.3	55
6	Liver Glycerol Permeability and Aquaporin-9 Are Dysregulated in a Murine Model of Non-Alcoholic Fatty Liver Disease. PLoS ONE, 2013, 8, e78139.	2.5	48
7	Oscheius onirici sp. n. (Nematoda: Rhabditidae): a new entomopathogenic nematode from an Italian cave . Zootaxa, 2015, 3937, 533.	0.5	41
8	Transcriptomic Responses to Water Deficit and Nematode Infection in Mycorrhizal Tomato Roots. Frontiers in Microbiology, 2019, 10, 1807.	3.5	39
9	Detection and molecular characterization of the rice root-knot nematode Meloidogyne graminicola in Italy. European Journal of Plant Pathology, 2017, 149, 467-476.	1.7	30
10	Heterodera elachista the Japanese cyst nematode parasitizing corn in Northern Italy: integrative diagnosis and bionomics. European Journal of Plant Pathology, 2013, 136, 857-872.	1.7	22
11	Characterization of the heat shock protein 90 gene in the plant parasitic nematode Meloidogyne artiellia and its expression as related to different developmental stages and temperature. Gene, 2009, 440, 16-22.	2.2	20
12	News and views on mitochondrial water transport. Frontiers in Bioscience - Landmark, 2009, Volume, 4189.	3.0	20
13	Mononchoides macrospiculum n. sp. (Nematoda:ÂNeodiplogastridae) and Teratorhabditis synpapillataÂSudhaus, 1985 (Nematoda: Rhabditidae): nematodeÂassociates of Rhynchophorus ferrugineus (Oliver) (Coleoptera:ÂCurculionidae)ÂinÂItaly. Nematology, 2015, 17, 953-966.	0.6	16
14	Molecular characterization and functional analysis of four Î²â€1,4â€endoglucanases from the rootâ€lesion nematode <scp>P</scp>ratylenchus vulnus. Plant Pathology, 2014, 63, 1436-1445.	2.4	13
15	Redescription and molecular characterisation of Xiphinema barense Lamberti et al., 1986 (Nematoda:) Tj ETQq1 1 0.784314 rgBT /Ov	0.6	9
16	Description of a new needle nematode, Longidorus asiaticus n. sp. (Nematoda: Longidoridae), from the rhizosphere of crape myrtle (Lagerstroemia indica) bonsai trees imported into Italy from China. European Journal of Plant Pathology, 2015, 143, 567-580.	1.7	8
17	Morphological and molecular identification of potato and cereal cyst nematode isolates from Algeria and their phylogenetic relationships with other populations from distant theirgeographical areas. European Journal of Plant Pathology, 2016, 146, 861-880.	1.7	8
18	Steinernema borjomiense n. sp. (Rhabditida: Steinernematidae), aÂnew entomopathogenic nematode from Georgia. Nematology, 2018, 20, 653-669.	0.6	8

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19	Molecular and morphological characterisation of Longidorus polyae sp. n. and L. pisi Edward, Misra & Singh, 1964 (Dorylaimida, Longidoridae) from Bulgaria. ZooKeys, 2019, 830, 75-98.	1.1	8
20	Water Stress Differentially Modulates the Expression of Tomato Cell Wall Metabolism-Related Genes in Meloidogyne incognita Feeding Sites. Frontiers in Plant Science, 2022, 13, 817185.	3.6	8
21	Sequence variation in ribosomal DNA and in the nuclear hsp90 gene of Pratylenchus penetrans (Nematoda: Pratylenchidae) populations and phylogenetic analysis. European Journal of Plant Pathology, 2018, 152, 355-365.	1.7	7
22	Molecular profiling of nematode associates with Rhynchophorus ferrugineus in southern Italy. Ecology and Evolution, 2019, 9, 14286-14294.	1.9	7
23	Characterization of nematode resistance gene analogs in tetraploid wheat. Plant Science, 2003, 164, 71-75.	3.6	6
24	Molecular Characterization and Functional Analysis of the Hb-hsp90-1 Gene in Relation to Temperature Changes in Heterorhabditis bacteriophora. Frontiers in Physiology, 2021, 12, 615653.	2.8	6
25	Morphological characterisation and diagnostics of Xiphinema non-americanum group species (Nematoda: Longidoridae) from Romania using mutiplex PCR. Helminthologia, 2013, 50, 215-231.	0.9	5
26	Molecular variability of the root-lesion nematode, Pratylenchus loosi (Nematoda: Pratylenchidae), from tea in Iran. European Journal of Plant Pathology, 2019, 155, 557-569.	1.7	5
27	Occurrence of Sheraphelenchus sucus (Nematoda: Aphelenchoidinae) and Panagrellus sp. (Rhabditida: Panagrolaimidae) Associated with Decaying Pomegranate Fruit in Italy. Journal of Nematology, 2017, 49, 418-426.	0.9	5
28	A new record of Xiphinema dentatum Sturhan, 1978 and description of X. paradentatum sp. n. (Nematoda: Dorylaimida) from Serbia. Nematology, 2017, 19, 925-949.	0.6	4
29	Inducible antibacterial defence in the plant parasitic nematode Meloidogyne artiellia. International Journal for Parasitology, 2008, 38, 609-615.	3.1	3
30	Morpho-molecular characterization of Ditylenchus gigas and D. oncogenus parasitizing broad bean, Vicia faba, in Algeria. European Journal of Plant Pathology, 2019, 155, 505-513.	1.7	3
31	Functional Variation of Two Novel Cellulases, Pv-eng-5 and Pv-eng-8, and the Heat Shock 90 Gene, Pv-hsp-90, in Pratylenchus vulnus and Their Expression in Response to Different Temperature Stress. International Journal of Molecular Sciences, 2019, 20, 107.	4.1	3
32	Potential of native entomopathogenic nematodes for the control of brown marmorated stink bugHalyomorpha halysin Georgia. Biocontrol Science and Technology, 2020, 30, 962-974.	1.3	3
33	PratylenchusÂvovlasi sp. Nov. (Nematoda: Pratylenchidae) on Raspberries in North Italy with a Morphometrical and Molecular Characterization. Plants, 2021, 10, 1068.	3.5	3
34	Integrative diagnosis, biological observations, and histopathology of the fig cyst nematode Heterodera fici Kirjanova (1954) associated with Ficus carica L. in southern Italy. ZooKeys, 2019, 824, 1-19.	1.1	3
35	The morphological and molecular identity of Longidorus piceicola LiÅ¡kovÃ¡, Robbins & Brown, 1997 from Romania (Nematoda, Dorylaimida). ZooKeys, 2017, 667, 1-19.	1.1	3
36	Occurrence of (Nematoda: Aphelenchoidinae) and sp. (Rhabditida: Panagrolaimidae) Associated with Decaying Pomegranate Fruit in Italy. Journal of Nematology, 2017, 49, 418-426.	0.9	3

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37	Description of Longidorus barsii RadivojeviÄ‡ & De Luca sp. n. (Nematoda: Longidoridae) from Serbia and observations on some taxonomic characters. Nematology, 2020, 22, 555-576.	0.6	2
38	Characterisation of Aceria massalongoi and a histopathological study of the leaf galls induced on chaste trees. Experimental and Applied Acarology, 2020, 82, 33-57.	1.6	2
39	Histopathology of Dryas octopetala leaves co-infected by Subanguina radicicola and Aphelenchoides sp. and molecular caracterization of the nematodes. European Journal of Plant Pathology, 2018, 150, 287-296.	1.7	0
40	First record of Ektaphelenchoides pini associated with Ips sexdentatus on Pinus nigra laricio in Italy. Forest Pathology, 2020, 50, e12620.	1.1	0
41	Molecular Characterization of Three B-1,4-Endoglucanase Genes in Pratylenchus loosi and Functional Analysis of Pl-eng-2 Gene. Plants, 2021, 10, 568.	3.5	0
42	Occurrence of Cryptaphelenchus minutus and other nematode species associated with the bark of unidentified coniferous tree in Italy. European Journal of Plant Pathology, 2022, 163, 155.	1.7	0