Maria Cristina Digilio

List of Publications by Year
in descending order

35 papers	1,887 citations	236925 25 h-index	361022 35 g-index
36 all docs	36 docs citations	36 times ranked	1680 citing authors

#	Article	IF	Citations
1	Do interactions between plant roots and the rhizosphere affect parasitoid behaviour?. Ecological Entomology, 2004, 29, 753-756.	2.2	175
2	Aphid-plant interactions: a review. Journal of Plant Interactions, 2008, 3, 223-232.	2.1	128
3	Transcriptome and Metabolome Reprogramming in Tomato Plants by Trichoderma harzianum strain T22 Primes and Enhances Defense Responses Against Aphids. Frontiers in Physiology, 2019, 10, 745.	2.8	116
4	Host castration by Aphidius ervi venom proteins. Journal of Insect Physiology, 2000, 46, 1041-1050.	2.0	109
5	Transcriptomic and proteomic analysis of a compatible tomato-aphid interaction reveals a predominant salicylic acid-dependent plant response. BMC Genomics, 2013, 14, 515.	2.8	103
6	Tomato Below Groundâ€"Above Ground Interactions: <i>Trichoderma longibrachiatum</i> Affects the Performance of <i>Macrosiphum euphorbiae</i> and Its Natural Antagonists. Molecular Plant-Microbe Interactions, 2013, 26, 1249-1256.	2.6	103
7	Metabolic and symbiotic interactions in amino acid pools of the pea aphid, Acyrthosiphon pisum, parasitized by the braconid Aphidius ervi. Journal of Insect Physiology, 2002, 48, 507-516.	2.0	85
8	Secondary metabolites from the endophytic fungus <i>Talaromyces pinophilus</i>. Natural Product Research, 2017, 31, 1778-1785.	1.8	85
9	Systemin Regulates Both Systemic and Volatile Signaling in Tomato Plants. Journal of Chemical Ecology, 2007, 33, 669-681.	1.8	76
10	Host-locating response by the aphid parasitoid<i>Aphidius ervi</i>to tomato plant volatiles. Journal of Plant Interactions, 2007, 2, 175-183.	2.1	72
11	<i>Trichoderma harzianum</i> enhances tomato indirect defense against aphids. Insect Science, 2017, 24, 1025-1033.	3.0	69
12	Biochemical and metabolic alterations inAcyrthosiphon pisum parasitized byAphidius ervi. Archives of Insect Biochemistry and Physiology, 1995, 30, 351-367.	1.5	68
13	Insecticide activity of Mediterranean essential oils. Journal of Plant Interactions, 2008, 3, 17-23.	2.1	62
14	Prosystemin Overexpression in Tomato Enhances Resistance to Different Biotic Stresses by Activating Genes of Multiple Signaling Pathways. Plant Molecular Biology Reporter, 2015, 33, 1270-1285.	1.8	56
15	Trichoderma atroviride P1 Colonization of Tomato Plants Enhances Both Direct and Indirect Defense Barriers Against Insects. Frontiers in Physiology, 2019, 10, 813.	2.8	51
16	Pea aphid clonal resistance to the endophagous parasitoid Aphidius ervi. Journal of Insect Physiology, 2002, 48, 971-980.	2.0	47
17	Larval anatomy and structure of absorbing epithelia in the aphid parasitoid Aphidius ervi Haliday (Hymenoptera, Braconidae). Arthropod Structure and Development, 2001, 30, 27-37.	1.4	46
18	Development and nutrition of the braconid wasp,Aphidius ervi in aposymbiotic host aphids. Archives of Insect Biochemistry and Physiology, 1999, 40, 53-63.	1.5	44

#	Article	IF	Citations
19	The Chitinase A from the baculovirus AcMNPV enhances resistance to both fungi and herbivorous pests in tobacco. Transgenic Research, 2008, 17, 557-571.	2.4	43
20	Host regulation effects of ovary fluid and venom of Aphidius ervi (Hymenoptera: Braconidae). Journal of Insect Physiology, 1998, 44, 779-784.	2.0	42
21	Host regulation and nutritional exploitation by parasitic wasps. Current Opinion in Insect Science, 2014, 6, 74-79.	4.4	41
22	Host recognition and acceptance behaviour in two aphid parasitoid species: <i>Aphidius ervi</i> and <i>Aphidius microlophii</i> (Hymenoptera: Braconidae). Bulletin of Entomological Research, 1994, 84, 57-64.	1.0	39
23	Molecular and chemical mechanisms involved in aphid resistance in cultivated tomato. New Phytologist, 2010, 187, 1089-1101.	7.3	33
24	Interactions between tomato volatile organic compounds and aphid behaviour. Journal of Plant Interactions, 2012, 7, 322-325.	2.1	32
25	Absorption of sugars and amino acids by the epidermis of Aphidius ervi larvae. Journal of Insect Physiology, 2003, 49, 1115-1124.	2.0	28
26	Selection of Endophytic Beauveria bassiana as a Dual Biocontrol Agent of Tomato Pathogens and Pests. Pathogens, 2021, 10, 1242.	2.8	28
27	Temperature Differentially Influences the Capacity of Trichoderma Species to Induce Plant Defense Responses in Tomato Against Insect Pests. Frontiers in Plant Science, 2021, 12, 678830.	3.6	24
28	Bioassay-oriented isolation of an insecticide from Ailanthus altissima. Journal of Plant Interactions, 2009, 4, 119-123.	2.1	18
29	Interactions between<i>Bt</i>-expressing tomato and non-target insects: the aphid<i>Macrosiphum euphorbiae</i>and its natural enemies. Journal of Plant Interactions, 2012, 7, 71-77.	2.1	15
30	Plant response to feeding aphids promotes aphid dispersal. Entomologia Experimentalis Et Applicata, 2018, 166, 386-394.	1.4	14
31	Chlamyphilone, a Novel Pochonia chlamydosporia Metabolite with Insecticidal Activity. Molecules, 2019, 24, 750.	3.8	12
32	De Novo Transcriptome Assembly of Cucurbita Pepo L. Leaf Tissue Infested by Aphis Gossypii. Data, 2018, 3, 36.	2.3	8
33	Zucchini Plants Alter Gene Expression and Emission of (E)-Î2-Caryophyllene Following Aphis gossypii Infestation. Frontiers in Plant Science, 2020, 11, 592603.	3.6	7
34	Characterization of Aphidius ervi (hymenoptera, braconidae) ribosomal genes and identification of site-specific insertion elements belonging to the non-LTR retrotransposon family. Insect Biochemistry and Molecular Biology, 1995, 25, 603-612.	2.7	5
35	Belowground Mycorrhizal Endosymbiosis and Aboveground Insects: Can Multilevel Interactions be Exploited for a Sustainable Control of Pests?. Soil Biology, 2008, , 125-152.	0.8	1