Emilio Guerrieri

List of Publications by Year
in descending order

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69 papers	2,548 citations	201674 27 h-index	206112 48 g-index
70 all docs	70 docs citations	70 times ranked	2648 citing authors

#	Article	IF	Citations
1	Insights On the Impact of Arbuscular Mycorrhizal Symbiosis On Tomato Tolerance to Water Stress. Plant Physiology, 2016, 171, pp.00307.2016.	4.8	227
2	Do interactions between plant roots and the rhizosphere affect parasitoid behaviour?. Ecological Entomology, 2004, 29, 753-756.	2.2	175
3	First exploration of parasitoids of Drosophila suzukii in South Korea as potential classical biological agents. Journal of Pest Science, 2016, 89, 823-835.	3.7	151
4	Aphid-plant interactions: a review. Journal of Plant Interactions, 2008, 3, 223-232.	2.1	128
5	Pest control service provided by bats in Mediterranean rice paddies: linking agroecosystems structure to ecological functions. Mammalian Biology, 2015, 80, 237-245.	1.5	126
6	Tomato Below Groundâ€“Above Ground Interactions: Trichoderma longibrachiatum Affects the Performance of Macrosiphum euphorbiae and Its Natural Antagonists. Molecular Plant-Microbe Interactions, 2013, 26, 1249-1256.	2.6	103
7	Root symbionts: Powerful drivers of plant aboveâ€•and belowground indirect defenses. Insect Science, 2017, 24, 947-960.	3.0	91
8	Revision of European species of genus Metaphycus Mercet (Hymenoptera: Chalcidoidea: Encyrtidae), parasitoids of scale insects (Homoptera: Coccoidea). Systematic Entomology, 2000, 25, 147-222.	3.9	90
9	Tobacco overexpressing Î²-ocimene induces direct and indirect responses against aphids in receiver tomato plants. Journal of Plant Physiology, 2015, 173, 28-32.	3.5	78
10	The Association With Two Different Arbuscular Mycorrhizal Fungi Differently Affects Water Stress Tolerance in Tomato. Frontiers in Plant Science, 2018, 9, 1480.	3.6	77
11	Electrophysiological and behavioural responses of Aphidius ervi (Hymenoptera: Braconidae) to tomato plant volatiles. Chemoecology, 2009, 19, 195-201.	1.1	76
12	Can aphid-induced plant signals be transmitted aerially and through the rhizosphere?. Biochemical Systematics and Ecology, 2001, 29, 1063-1074.	1.3	75
13	Host-locating response by the aphid parasitoidAphidius ervito tomato plant volatiles. Journal of Plant Interactions, 2007, 2, 175-183.	2.1	72
14	Trichoderma harzianum enhances tomato indirect defense against aphids. Insect Science, 2017, 24, 1025-1033.	3.0	69
15	Exploration for native parasitoids of Drosophila suzukii in China reveals a diversity of parasitoid species and narrow host range of the dominant parasitoid. Journal of Pest Science, 2019, 92, 509-522.	3.7	61
16	Revision of the European species of Copidosoma Ratzeburg (Hymenoptera: Encyrtidae), parasitoids of caterpillars (Lepidoptera). Systematic Entomology, 2005, 30, 97-174.	3.9	51
17	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
18	Volatile-mediated foraging behaviour of three parasitoid species under conditions of dual insect herbivore attack. Animal Behaviour, 2016, 111, 197-206.	1.9	50

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19	Plant-to-plant communication triggered by systemin primes anti-herbivore resistance in tomato. Scientific Reports, 2017, 7, 15522.	3.3	50
20	Effect of Adult Experience on in-Flight Orientation to Plant and Plantâ€“Host Complex Volatiles inAphidius erviHaliday (Hymenoptera, Braconidae). Biological Control, 1997, 10, 159-165.	3.0	44
21	Species Diversity in the Parasitoid Genus Asobara (Hymenoptera: Braconidae) from the Native Area of the Fruit Fly Pest Drosophila suzukii (Diptera: Drosophilidae). PLoS ONE, 2016, 11, e0147382.	2.5	43
22	Effects of single or combined water deficit and aphid attack on tomato volatile organic compound (VOC) emission and plant-plant communication. Environmental and Experimental Botany, 2018, 153, 54-62.	4.2	43
23	Improving the efficiency of Trichogramma achaeae to control Tuta absoluta. BioControl, 2015, 60, 761-771.	2.0	42
24	Prospects for plant defence activators and biocontrol in IPM â€“ Concepts and lessons learnt so far. Crop Protection, 2017, 97, 128-134.	2.1	42
25	Biology and monitoring of Dryocosmus kuriphilus on Castanea sativa in Southern Italy. Agricultural and Forest Entomology, 2013, 15, 65-76.	1.3	35
26	Molecular and chemical mechanisms involved in aphid resistance in cultivated tomato. New Phytologist, 2010, 187, 1089-1101.	7.3	33
27	Interactions between tomato volatile organic compounds and aphid behaviour. Journal of Plant Interactions, 2012, 7, 322-325.	2.1	32
28	Tomato Plants Treated with Systemin Peptide Show Enhanced Levels of Direct and Indirect Defense Associated with Increased Expression of Defense-Related Genes. Plants, 2019, 8, 395.	3.5	28
29	Relative importance of host and plant semiochemicals in the foraging behavior of Trichogramma achaeae, an egg parasitoid of Tuta absoluta. Journal of Pest Science, 2019, 92, 1479-1488.	3.7	26
30	Weeds, aphids, and specialist parasitoids and predators benefit differently from organic and conventional cropping of winter cereals. Journal of Pest Science, 2012, 85, 81-88.	3.7	24
31	Guiding Classical Biological Control of an Invasive Mealybug Using Integrative Taxonomy. PLoS ONE, 2015, 10, e0128685.	2.5	24
32	Flight behaviour of Encarsia formosa in response to plant and host stimuli. Entomologia Experimentalis Et Applicata, 1997, 82, 129-133.	1.4	23
33	A review of the encyrtid (Hymenoptera: Chalcidoidea) parasitoids of dryinidae (hymenoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 305-317.	1.2	22
34	Foraging activity of bumblebees (Bombus terrestris L.) on Bt-expressing eggplants. Arthropod-Plant Interactions, 2011, 5, 255-261.	1.1	21
35	Taxon-specific multiplex-PCR for quick, easy, and accurate identification of encyrtid and aphelinid parasitoid species attacking soft scale insects in California citrus groves. BioControl, 2011, 56, 265-275.	2.0	18
36	Scanning electron microscopy studies of antennal sensilla of Ooencyrtus phongi (Hymenoptera: Encyrtidae). Microscopy Research and Technique, 2011, 74, 936-945.	2.2	18

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37	Arbuscular mycorrhizal symbiosis-mediated tomato tolerance to drought. Plant Signaling and Behavior, 2016, 11, e1197468.	2.4	18
38	Collection of data and information on biology and control of vectors of Xylella fastidiosa. EFSA Supporting Publications, 2019, 16, 1628E.	0.7	18
39	Parasitoids of Leptoglossus occidentalis Heidemann (Heteroptera: Coreidae) recovered in western North America and first record of its egg parasitoid Gryon pennsylvanicum (Ashmead) (Hymenoptera:) Tj ETQq1 1 0.784314 rgBT /Ov	0.7	18
40	DROP: Molecular voucher database for identification of Drosophila parasitoids. Molecular Ecology Resources, 2021, 21, 2437-2454.	4.8	16
41	Interactions betweenBt-expressing tomato and non-target insects: the aphidMacrosiphum euphorbiaeand its natural enemies. Journal of Plant Interactions, 2012, 7, 71-77.	2.1	15
42	Electrophysiological and behavioural response of Philaenus spumarius to essential oils and aromatic plants. Scientific Reports, 2020, 10, 3114.	3.3	15
43	Diversity of Ooencyrtus spp. (Hymenoptera: Encyrtidae) parasitizing the eggs of Stenozygum coloratum (Klug) (Hemiptera: Pentatomidae) with description of two new species. PLoS ONE, 2018, 13, e0205245.	2.5	11
44	A review of the European species of the genus Trechnites Thomson (Hymenoptera: Chalcidoidea:) Tj ETQq0 0 0 rgBT /Overlock 10 Systematic Entomology, 2009, 34, 252-259.	3.9	10
45	Preliminary study on the biology, natural enemies and chemical control of the invasive Macrohomotoma gladiata (Kuwayama) on urban Ficus microcarpa L. trees in Valencia (SE Spain). Urban Forestry and Urban Greening, 2015, 14, 123-128.	5.3	10
46	Investigating Biological Control Agents for Controlling Invasive Populations of the Mealybug Pseudococcus comstocki in France. PLoS ONE, 2016, 11, e0157965.	2.5	10
47	Hymenoptera wasps associated with the Asian gall wasp of chestnut (Dryocosmus kuriphilus) in Calabria, Italy. Phytoparasitica, 2014, 42, 699-702.	1.2	9
48	Natural enemies of armored scales (Hemiptera: Diaspididae) and soft scales (Hemiptera: Coccidae) in Chile: Molecular and morphological identification. PLoS ONE, 2019, 14, e0205475.	2.5	9
49	Metabolites produced by Gnomoniopsis castanea associated with necrosis of chestnut galls. Chemical and Biological Technologies in Agriculture, 2014, 1, .	4.6	7
50	Graphosoma lineatum (Hemiptera: Pentatomidae): a suitable host for mass rearing Ooencyrtus telenomicida (Hymenoptera: Encyrtidae). International Journal of Pest Management, 2018, 64, 294-302.	1.8	7
51	The effect of rearing history and aphid density on volatileâ€mediated foraging behaviour of Diaeretiella rapae. Ecological Entomology, 2019, 44, 255-264.	2.2	7
52	Review of the encyrtid (Hymenoptera, Chalcidoidea, Encyrtidae) parasitoids of Dryinidae (Hymenoptera,) Tj ETQq0 0 0 rgBT /Overlock 10 ofCheiloneurus. Journal of Natural History, 2006, 40, 2395-2401.	0.5	6
53	Preliminary phylogeny of the genus Copidosoma (<scp>H</scp>ymenoptera,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 1 2014, 39, 325-334.	3.9	6
54	Combination of the Systemin peptide with the beneficial fungus Trichoderma afroharzianum T22 improves plant defense responses against pests and diseases. Journal of Plant Interactions, 2022, 17, 569-579.	2.1	6

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55	Description and biological parameters ofOoencyrtus isabellaeGuerrieri and Noyes sp. nov. (Hymenoptera: Chalcidoidea: Encyrtidae), a potential biocontrol agent ofZophiuma butawengi(Heller) (Hemiptera: Fulgoromorpha: Lophopidae) in Papua New Guinea. Journal of Natural History, 2011, 45, 2747-2755.	0.5	5
56	TPS Genes Silencing Alters Constitutive Indirect and Direct Defense in Tomato. International Journal of Molecular Sciences, 2018, 19, 2748.	4.1	5
57	Ooencyrtus marcelloisp. nov. (Hymenoptera: Encyrtidae), an egg parasitoid of Heliconiini (Lepidoptera: Nymphalidae: Heliconiinae) on passion vines (Malpighiales: Passifloraceae) in Central America. Journal of Natural History, 2009, 44, 81-87.	0.5	3
58	Anagyrus Howard (Hymenoptera: Encyrtidae) parasitoids of the invasive Delottococcus aberiae (De) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 2018, 4531, 374-382.	0.5	3
59	An unusual genus and species of Encyrtidae (Hymenoptera: Chalcidoidea) from Australia reared from soft scale insects (Hemiptera: Coccidae). Journal of Natural History, 2002, 36, 443-448.	0.5	2
60	Description ofMetaphycus stephaniaesp. nov. (Hymenoptera, Chlacidoidea, Encyrtidae), a parasitoid ofStotzia ephedrae(Newstead) (Hemiptera, Coccoidea, Coccidae). Journal of Natural History, 2006, 40, 863-865.	0.5	2
61	The Norwegian species of Copidosoma Ratzeburg (Hymenoptera: Chalcidoidea: Encyrtidae). Zootaxa, 2013, 3619, 145-53.	0.5	2
62	New records, descriptions and notes on Encyrtidae (Hymenoptera: Chalcidoidea) from Iran. Zootaxa, 2018, 4444, 316.	0.5	2
63	Description of the aberrant Leptopilina lasallei n. sp., with an updated phylogeny of Leptopilina FÃ¶rster (Hymenoptera: Figitidae: Eucoilinae). Journal of Natural History, 2020, 54, 565-583.	0.5	2
64	Parasitoids (Hymenoptera) of leaf-spinning moths (Lepidoptera) feeding on <i>Vaccinium uliginosum</i> L. along an ecological gradient in central European peat bogs. Entomologica Fennica, 2011, 21, 243-253.	0.6	2
65	A revision of European Copidosoma Ratzeburg (Hymenoptera, Chalcidoidea, Encyrtidae): some corrections and a description of Copidosoma tremblayi sp.nov.. Systematic Entomology, 2006, 31, 374-375.	3.9	1
66	Disentangling the effects of the invasive pest, Dryocosmus kuriphilus, and the introduction of the biocontrol agent, Torymus sinensis, on native parasitoids in an isolated insular chestnut-growing area. Biological Control, 2021, 162, 104724.	3.0	1
67	Acerophagus artellessp. nov. (Hymenoptera Chalcidoidea Encyrtidae), a biocontrol agent ofDysmicoccus grassii(Leonardi) (Hemiptera Coccoidea Pseudococcidae) on banana in the Canary Islands (Spain). Journal of Natural History, 2010, 45, 29-34.	0.5	0
68	Notes and corrections to Guerrieri & Gahariâ€™s (2018) list of Iranian Encyrtidae (Hymenoptera,) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.5	0
69	Redescription of Microterys chalcostomus (Dalman) (Hymenoptera: Chalcidoidea: Encyrtidae), a parasitoid associated with Phenacoccus aceris (Signoret) (Hemiptera: Pseudococcidae) and Kermes spp. (Hemiptera: Kermesidae), with comments on its host relationship. Journal of Natural History, 2020, 54, 1213-1222.	0.5	0