

Stefano Speranza

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

625
citations

623574

14
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752573

20
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63
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63
docs citations

63
times ranked

523
citing authors

#	ARTICLE	IF	CITATIONS
1	First report of the ambrosia beetle <i>Xylosandrus compactus</i> and associated fungi in the Mediterranean maquis in Italy, and new host-pest associations. EPPO Bulletin, 2017, 47, 100-103.	0.6	39
2	Seasonal Fluctuations of Sap-Feeding Insect Species Infected by <i>Xylella fastidiosa</i> in Apulian Olive Groves of Southern Italy. Journal of Economic Entomology, 2016, 109, 1512-1518.	0.8	34
3	A YOLO-Based Pest Detection System for Precision Agriculture. , 2021, , .		32
4	Biological control of <i>Tuta absoluta</i> in Argentina and Italy: evaluation of indigenous insects as natural enemies. EPPO Bulletin, 2012, 42, 260-267.	0.6	31
5	First Record of <i>Anthonomus eugenii</i> (Coleoptera: Curculionidae) in Italy. Florida Entomologist, 2014, 97, 844-845.	0.2	28
6	Does <i>Gnomoniopsis castanea</i> contribute to the natural biological control of chestnut gall wasp?. Fungal Biology, 2017, 121, 44-52.	1.1	27
7	<i>Gnomoniopsis</i> associated with necrosis of leaves and chestnut galls induced by <i>Dryocosmus kuriphilus</i> . Plant Pathology, 2010, 59, 1171-1171.	1.2	25
8	The fungal community associated with the ambrosia beetle <i>Xylosandrus compactus</i> invading the mediterranean maquis in central Italy reveals high biodiversity and suggests environmental acquisitions. Fungal Biology, 2021, 125, 12-24.	1.1	24
9	A novel modelling approach to describe an insect life cycle vis-à-vis plant protection: description and application in the case study of <i>Tuta absoluta</i> . Ecological Modelling, 2019, 409, 108778.	1.2	21
10	EntoSim, a ROOT-based simulator to forecast insects' life cycle: Description and application in the case of <i>Lobesia botrana</i> . Crop Protection, 2020, 129, 105024.	1.0	20
11	Fungal pathogen and ethanol affect host selection and colonization success in ambrosia beetles. Agricultural and Forest Entomology, 2020, 22, 1-9.	0.7	19
12	First Record of <i>Zelus obscuridorsis</i> (Hemiptera: Reduviidae) as a Predator of the South American Tomato Leafminer, <i>Tuta absoluta</i> (Lepidoptera: Gelechiidae). Florida Entomologist, 2014, 97, 295-297.	0.2	17
13	Modelling <i>Drosophila suzukii</i> Adult Male Populations: A Physiologically Based Approach with Validation. Insects, 2020, 11, 751.	1.0	17
14	CHESTNUT PESTS IN CENTRAL ITALY. Acta Horticulturae, 1999, , 417-424.	0.1	16
15	Use of ROOT to build a software optimized for parameter estimation and simulations with Distributed Delay Model. Ecological Informatics, 2019, 50, 184-190.	2.3	16
16	BIOLOGICAL CONTROL OF HAZELNUT WEEVIL (<i>CURCULIO NUCUM</i> L., COLEOPTERA, CURCULIONIDAE) USING THE ENTOMOPATHOGENIC FUNGUS <i>BEAUVERIA BASSIANA</i> (BALSAMO) VUILL. (DEUTEROMYCOTINA,) Tj ETQq0 0 0.1gBT / Overlock 10 T		
17	Fungal community associated with adults of the chestnut gall wasp <i>Dryocosmus kuriphilus</i> after emergence from galls: Taxonomy and functional ecology. Fungal Biology, 2019, 123, 905-912.	1.1	14
18	A Modelling Approach to Describe the <i>Anthonomus eugenii</i> (Coleoptera: Curculionidae) Life Cycle in Plant Protection: A Priori and a Posteriori Analysis. Florida Entomologist, 2020, 103, 259.	0.2	14

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19	Distributed Delay Model and Von Foerster's equation: Different points of view to describe insects' life cycles with chronological age and physiological time. <i>Ecological Informatics</i> , 2020, 59, 101117.	2.3	13
20	Discovery of the first species of <i>Dryinus</i> Latreille (Hymenoptera: Dryinidae) from Burmese amber. <i>Zootaxa</i> , 2018, 4394, 443.	0.2	12
21	BIO-ETHOLOGY OF <i>ANISANDRUS DISPAR</i> F. AND ITS POSSIBLE INVOLVEMENT IN DIEBACK (MORIA) DISEASES OF HAZELNUT (<i>CORYLUS AVELLANA</i> L.) PLANTS IN CENTRAL ITALY. <i>Acta Horticulturae</i> , 2005, , 435-444.	0.1	11
22	NEW OBSERVATION ON BIOLOGY OF EUROPEAN SHOT-HOLE BORER [<i>XYLEBORUS DISPAR</i> (F.)] ON HAZEL IN NORTHERN LATIUM (CENTRAL ITALY). <i>Acta Horticulturae</i> , 2009, , 539-542.	0.1	11
23	A general ODE-based model to describe the physiological age structure of ectotherms: Description and application to <i>Drosophila suzukii</i> . <i>Ecological Modelling</i> , 2021, 456, 109673.	1.2	11
24	Reformulation of the Distributed Delay Model to describe insect pest populations using count variables. <i>Ecological Modelling</i> , 2020, 436, 109286.	1.2	10
25	First record of <i>Xylosandrus germanus</i> (Blandford) (Coleoptera: Curculionidae, Scolytinae) in the Mediterranean scrubland in Southern Italy, and its co-occurrence with the co-generic species <i>X. compactus</i> (Eichhoff) and <i>X. crassiusculus</i> (Motschulsky). <i>EPPO Bulletin</i> , 2020, 50, 311-315.	0.6	10
26	A novel version of the Von Foerster equation to describe poikilothermic organisms including physiological age and reproduction rate. <i>Ricerche Di Matematica</i> , 2021, 70, 489-503.	0.6	10
27	The current status of <i>Tuta absoluta</i> in Italy. <i>EPPO Bulletin</i> , 2012, 42, 328-332.	0.6	9
28	Life tables and a physiologically based model application to <i>Corcyra cephalonica</i> (Stainton) populations. <i>Journal of Stored Products Research</i> , 2021, 91, 101781.	1.2	8
29	Evaluation of a physiologically based model to predict <i>Dalbulus maidis</i> occurrence in maize crops: validation in two different subtropical areas of South America. <i>Entomologia Experimentalis Et Applicata</i> , 2021, 169, 597-609.	0.7	8
30	Endothermic treatment to control <i>Toumeyella parvicornis</i> Cockerell infestations on <i>Pinus pinea</i> L. <i>Pest Management Science</i> , 2022, 78, 2443-2448.	1.7	8
31	Modelling ectotherms' populations considering physiological age structure and spatial motion: A novel approach. <i>Ecological Informatics</i> , 2022, 70, 101703.	2.3	8
32	Response of <i>Bactrocera oleae</i> to different photoperiods and temperatures using a novel method for continuous laboratory rearing. <i>Biological Control</i> , 2017, 110, 79-88.	1.4	7
33	ENDEMIC PARASITOIDS OF <i>DRYOCOSMUS KURIPHILUS</i> YASUMATSU (HYMENOPTERA: CINIPIDAE) IN CENTRAL ITALY. <i>Acta Horticulturae</i> , 2009, , 421-424.	0.1	6
34	Preliminary Observations on <i>Zelus obscuridorsis</i> (Stål) (Hemiptera: Reduviidae) as Predator of the Corn Leafhopper (Hemiptera: Cicadellidae) in Argentina. <i>Insects</i> , 2015, 6, 508-513.	1.0	6
35	Examination of modern and traditional applications in hazelnut production. <i>Acta Horticulturae</i> , 2018, , 329-332.	0.1	6
36	QUALITY MAINTENANCE AND STORABILITY OF CHESTNUTS MANUALLY AND MECHANICALLY HARVESTED. <i>Acta Horticulturae</i> , 2014, , 145-152.	0.1	6

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37	Protosclerogibba australis gen. et sp. nov., new genus and species of sclerogibbid wasps (Hymenoptera: Sclerogibbidae) from South Africa. Zootaxa, 2016, 4085, 127-34.	0.2	5
38	Feasibility of FT-NIR spectroscopy and Vis/NIR hyperspectral imaging for sorting unsound chestnuts. Italus Hortus, 0, 27, 3-18.	0.5	5
39	Description of <i>Gonatopus sandovalae</i> (Hymenoptera: Dryinidae), a New Species from Ecuador. Florida Entomologist, 2016, 99, 437-439.	0.2	4
40	ENTOSIM, AN INSECTS LIFE CYCLE SIMULATOR ENCLOSING MULTIPLE MODELS IN A DOCKER CONTAINER. Environmental Engineering and Management Journal, 2021, 20, 1703-1710.	0.2	4
41	EUROPEAN SHOT-HOLE BORER [XYLEBORUS DISPAR (F.)]: COMPARISON BETWEEN CAPTURE WITH CHEMIO-CHROMOTROPIC REBELLÀ® ROSSO TRAPS AND MODIFIED MASTRAPÀ® L TRAPS. Acta Horticulturae, 2009, , 535-538.	0.1	3
42	ELECTROANTENNOGRAPHIC RESPONSES OF DRYOCOSMUS KURIPHILUS TO CASTANEA SATIVA LEAF VOLATILES. Acta Horticulturae, 2009, , 387-394.	0.1	3
43	First report of Eulachnus tuberculostermatus (Theobald, 1915) on Pinus nigra subsp. mauretanica stands in Algeria. EPPO Bulletin, 2017, 47, 111-114.	0.6	3
44	A new species of the genus Dryinus Latreille (Hymenoptera, Dryinidae) from the USA. ZooKeys, 2019, 871, 41-47.	0.5	3
45	Discovery of a new species of Gonatopus (Hymenoptera: Dryinidae) from Colombia. Zootaxa, 2019, 4712, zootaxa.4712.3.10.	0.2	2
46	Discovery of a new Nearctic species of Bocchus (Hymenoptera: Dryinidae). Zootaxa, 2020, 4763, 435-438.	0.2	2
47	A new species of Anteon (Hymenoptera, Dryinidae) from Turkey. Journal of Hymenoptera Research, 0, 84, 373-380.	0.8	2
48	Developing hazelnuts as a sustainable and industrial crop. Burleigh Dodds Series in Agricultural Science, 2019, , 465-504.	0.1	2
49	Description of the first species of Gonadryinus Olmi (Hymenoptera, Dryinidae) from the Afrotropical region. Zootaxa, 2017, 4238, 440.	0.2	1
50	Discovery of the transantarctic distribution of the genus <i>Metanteon</i> Olmi (Hymenoptera: Dryinidae), with description of a new species from New Caledonia. Zootaxa, 2019, 4695, 189-194.	0.2	1
51	Do Castanea sativa wild provenances influence Dryocosmuskuriphilus Yasumatsu (Hymenoptera: Dryinidae) population genetic structure? <i>Journal of Applied Entomology</i> , 2021, 55, 1-14.	0.4	1
52	CHEMICAL CONTROL OF CHESTNUT WEEVILS IN CENTRAL ITALY. Acta Horticulturae, 2010, , 411-415.	0.1	1
53	A new species of the genus Gonatopus Ljungh from the USA (Hymenoptera, Dryinidae). ZooKeys, 2018, 747, 63-69.	0.5	1
54	DESCRIPTION OF GONATOPUS XUI SP. N. FROM INDIA (HYMENOPTERA DRYINIDAE). Redia, 0, , 31-33.	0.1	1

#	ARTICLE	IF	CITATIONS
55	ASSOCIATION OF THE BLACK ROT FUNGUS CIBORIA BATSCHIANA WITH THE CHESTNUT WEEVIL CURCULIO PROPINQUUS IN CHESTNUT ORCHARDS IN CENTRAL ITALY. Acta Horticulturae, 2005, , 543-546.	0.1	0
56	PANTHEON: SCADA for Precision Agriculture. , 2020, , 1-38.		0