

# Stefano Speranza

## List of Publications by Year in descending order

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Version: 2024-02-01

56  
papers

625  
citations

623574

14  
h-index

752573

20  
g-index

63  
all docs

63  
docs citations

63  
times ranked

523  
citing authors

#	ARTICLE	IF	CITATIONS
1	Endothermic treatment to control <i>Toumeyella parvicornis</i> Cockerell infestations on <i>Pinus pinea</i> L. Pest Management Science, 2022, 78, 2443-2448.	1.7	8
2	Modelling ectotherms' populations considering physiological age structure and spatial motion: A novel approach. Ecological Informatics, 2022, 70, 101703.	2.3	8
3	A novel version of the Von Foerster equation to describe poikilothermic organisms including physiological age and reproduction rate. Ricerche Di Matematica, 2021, 70, 489-503.	0.6	10
4	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
5	Life tables and a physiologically based model application to <i>Corcyra cephalonica</i> (Stainton) populations. Journal of Stored Products Research, 2021, 91, 101781.	1.2	8
6	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. Entomologia Experimentalis Et Applicata, 2021, 169, 597-609.	0.7	8
7	Do <i>Castanea sativa</i> wild provenances influence <i>Dryocosmus kuriphilus</i> Yasumatsu (Hymenoptera: Tj ETQq1 1 0.784314 rgBT / Overload 0,4 1		
8	A YOLO-Based Pest Detection System for Precision Agriculture. , 2021, , .		32
9	A general ODE-based model to describe the physiological age structure of ectotherms: Description and application to <i>Drosophila suzukii</i> . Ecological Modelling, 2021, 456, 109673.	1.2	11
10	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
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	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
13	Reformulation of the Distributed Delay Model to describe insect pest populations using count variables. Ecological Modelling, 2020, 436, 109286.	1.2	10
14	Distributed Delay Model and Von Foerster's equation: Different points of view to describe insects' life cycles with chronological age and physiological time. Ecological Informatics, 2020, 59, 101117.	2.3	13
15	Modelling <i>Drosophila suzukii</i> Adult Male Populations: A Physiologically Based Approach with Validation. Insects, 2020, 11, 751.	1.0	17
16	First record of <i>Xylosandrus germanus</i> (Blandford) (Coleoptera: Curculionidae, Scolytinae) in the Mediterranean scrubland in Southern Italy, and its co-presence with the generic species <i>X. compactus</i> (Eichhoff) and <i>X. crassiusculus</i> (Motschulsky). EPPO Bulletin, 2020, 50, 311-315.	0.6	10
17	Discovery of a new Nearctic species of <i>Bocchus</i> (Hymenoptera: Dryinidae). Zootaxa, 2020, 4763, 435-438.	0.2	2
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	PANTHEON: SCADA for Precision Agriculture. , 2020, , 1-38.		0
20	A novel modelling approach to describe an insect life cycle vis-à-vis plant protection: description and application in the case study of Tuta absoluta. Ecological Modelling, 2019, 409, 108778.	1.2	21
21	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
22	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
23	Discovery of a new species of <i>Gonatopus</i> (Hymenoptera: Dryinidae) from Colombia. Zootaxa, 2019, 4712, zootaxa.4712.3.10.	0.2	2
24	Discovery of the transantarctic distribution of the genus <i>Metanteon</i> (Hymenoptera: Dryinidae), with description of a new species from New Caledonia. Zootaxa, 2019, 4695, 189-194.	0.2	1
25	Developing hazelnuts as a sustainable and industrial crop. Burleigh Dodds Series in Agricultural Science, 2019, , 465-504.	0.1	2
26	A new species of the genus <i>Dryinus</i> Latreille (Hymenoptera, Dryinidae) from the USA. ZooKeys, 2019, 871, 41-47.	0.5	3
27	Examination of modern and traditional applications in hazelnut production. Acta Horticulturae, 2018, , 329-332.	0.1	6
28	Discovery of the first species of <i>Dryinus</i> Latreille (Hymenoptera: Dryinidae) from Burmese amber. Zootaxa, 2018, 4394, 443.	0.2	12
29	A new species of the genus <i>Gonatopus</i> Ljungh from the USA (Hymenoptera, Dryinidae). ZooKeys, 2018, 747, 63-69.	0.5	1
30	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
31	First report of <i>Eulachnus tuberculostemmatus</i> (Theobald, 1915) on <i>Pinus nigra</i> subsp. <i>mauretanica</i> stands in Algeria. EPPO Bulletin, 2017, 47, 111-114.	0.6	3
32	Description of the first species of <i>Gonadryinus</i> Olmi (Hymenoptera, Dryinidae) from the Afrotropical region. Zootaxa, 2017, 4238, 440.	0.2	1
33	Response of <i>Bactrocera oleae</i> to different photoperiods and temperatures using a novel method for continuous laboratory rearing. Biological Control, 2017, 110, 79-88.	1.4	7
34	Does <i>Gnomoniopsis castanea</i> contribute to the natural biological control of chestnut gall wasp?. Fungal Biology, 2017, 121, 44-52.	1.1	27
35	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
36	<i>Protosclerogibba australis</i> gen. et sp. nov., new genus and species of sclerogibbid wasps (Hymenoptera: Sclerogibbidae) from South Africa. Zootaxa, 2016, 4085, 127-34.	0.2	5

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37	Description of <i>Gonatopus sandovalae</i> (Hymenoptera: Dryinidae), a New Species from Ecuador. Florida Entomologist, 2016, 99, 437-439.	0.2	4
38	Preliminary Observations on <i>Zelus obscuridorsis</i> (Stål) (Hemiptera: Reduviidae) as Predator of the Corn Leafhopper (Hemiptera: Cicadellidae) in Argentina. Insects, 2015, 6, 508-513.	1.0	6
39	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
40	First Record of <i>Anthonomus eugenii</i> (Coleoptera: Curculionidae) in Italy. Florida Entomologist, 2014, 97, 844-845.	0.2	28
41	QUALITY MAINTENANCE AND STORABILITY OF CHESTNUTS MANUALLY AND MECHANICALLY HARVESTED. Acta Horticulturae, 2014, , 145-152.	0.1	6
42	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
43	The current status of <i>Tuta absoluta</i> in Italy. EPPO Bulletin, 2012, 42, 328-332.	0.6	9
44	<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
45	CHEMICAL CONTROL OF CHESTNUT WEEVILS IN CENTRAL ITALY. Acta Horticulturae, 2010, , 411-415.	0.1	1
46	NEW OBSERVATION ON BIOLOGY OF EUROPEAN SHOT-HOLE BORER [XYLEBORUS DISPAR (F.)] ON HAZEL IN NORTHERN LATIUM (CENTRAL ITALY). Acta Horticulturae, 2009, , 539-542.	0.1	11
47	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
48	ELECTROANTENNOGRAPHIC RESPONSES OF DRYOCOSMUS KURIPHILUS TO CASTANEA SATIVA LEAF VOLATILES. Acta Horticulturae, 2009, , 387-394.	0.1	3
49	ENDEMIC PARASITOIDS OF DRYOCOSMUS KURIPHILUS YASUMATSU (HYMENOPTERA: CINIPIDAE) IN CENTRAL ITALY. Acta Horticulturae, 2009, , 421-424.	0.1	6
50	BIO-ETHOLOGY OF ANISANDRUS DISPAR F. AND ITS POSSIBLE INVOLVEMENT IN DIEBACK (MORIA) DISEASES OF HAZELNUT (CORYLUS AVELLANA L.) PLANTS IN CENTRAL ITALY. Acta Horticulturae, 2005, , 435-444.	0.1	11
51	BIOLOGICAL CONTROL OF HAZELNUT WEEVIL (CURCULIO NUCUM L., COLEOPTERA, CURCULIONIDAE) USING THE ENTOMOPATHOGENIC FUNGUS BEAUVERIA BASSIANA (BALSAMO) VUILL. (DEUTEROMYCOTINA), Tj ETQq1 1 0.78431414 BT / Over	0.1	0
52	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
53	CHESTNUT PESTS IN CENTRAL ITALY. Acta Horticulturae, 1999, , 417-424.	0.1	16
54	A new species of Anteon (Hymenoptera, Dryinidae) from Turkey. Journal of Hymenoptera Research, 0, 84, 373-380.	0.8	2

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55	Feasibility of FT-NIR spectroscopy and Vis/NIR hyperspectral imaging for sorting unsound chestnuts. <i>Italus Hortus</i> , 0, 27, 3-18.	0.5	5
56	DESCRIPTION OF GONATOPUS XUI SP. N. FROM INDIA (HYMENOPTERA DRYINIDAE). <i>Redia</i> , 0, , 31-33.	0.1	1