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RESEARCH ACTIVITY - SUMMARY

I am an entomologist and Full Professor in General and Applied Entomology (SSD AGRI/05) at the Center Agriculture, Food and Environment, University of Trento. My research focuses on insect communication, identifying intraspecific and interspecific semiochemicals through molecular, electrophysiological, and behavioral investigations, and developing integrated pest management and biological control programs for grape and fruit production. I have employed and developed protocols for various laboratory techniques, including semiochemical extraction (closed-loop stripping analysis and solid phase micro-extraction, SPME), electroantennography (EAG), gas chromatography coupled with electroantennography (GC-EAD), single sensillum and single cell recordings (SSR and SCR), optical imaging of the brain, and behavioral studies using olfactometers and wind tunnels with automated video tracking systems. My research includes both semi-field and open-field studies to identify biologically active compounds and evaluate their effectiveness for monitoring and control purposes. I have contributed to optimizing conventional pheromone mating disruption techniques for controlling grapevine and fruit moths, and developing innovative disruption approaches using semiochemicals and vibrational signals. My team and I have tackled the challenges posed by invasive alien species in viticulture and fruit growing, developing control techniques that are now part of integrated pest management programs. Recently, my research has focused on classical and augmentative biological control of invasive alien species using hymenopteran parasitoids, and on the toxic and sublethal side effects of insecticides on beneficial insects. Additionally, I have conducted studies on the neurobiology of bees and substrate-borne vibration-mediated mating communication in grape planthoppers, leafhoppers, and drosophilas. I have described a new gall midge species, *Macrolabis mali* Anfora (Diptera Cecidomyiidae). I published more than 150 papers in international peer-reviewed journals integrated with an intensive dissemination activity (technical papers, popular articles, book chapters, conferences communications, and media coverages). My internationally-based research is recognized also by financed research projects and scientific society's memberships. I am currently supervisor of four PhD students and 3 post docs.

EDUCATION AND TRAINING

- 3-15/02/2009, attendance of the PhD graduate course "Insect Neurobiology" at the Chemical Ecology Department, Swedish University of Agricultural Sciences, Alnarp (Sweden).
- 2007, visiting scientist (6 months) at the Chemical Ecology Department, Swedish University of Agricultural Sciences, Alnarp (Sweden), under the supervision of Prof. Peter Witzgall.
- 2-12/02/2004, attendance of the PhD graduate course "Infochemicals in Pest Control and Conservation Biology" at the Department of Ecology, University of Lund (Sweden).
- 2003, University of Molise (Campobasso, Italy), PhD in Agricultural Entomology. Course: "Protection and Quality of Agricultural and Food Production". Thesis: "Olfactory and behavioural responses of *Phthorimaea operculella* (Zeller) (Lepidoptera, Gelechiidae) adults to volatile compounds of *Solanum tuberosum* L.".
- 1997, University of Rome "La Sapienza" (Italy), master degree in Biological Sciences (110/110). Thesis: "Effects of an ethanolic olive leaf extract on *Phthorimaea operculella* (Zeller) in laboratory".

SCIENTIFIC CAREER - POSITIONS HELD:

- 2011-2017, researcher at Research and Innovation Center, Edmund Mach Foundation (FEM), leader of the FEM Research Group "Chemical Ecology".
- 2007-2010, IASMA Research Center, post-doc research position granted by the Autonomous Province of Trento "Host plants volatile compounds for the control of yellows diseases insect vectors, *Hyalesthes obsoletus* and *Scaphoideus titanus*".
- 2006-2007, IASMA Research Center, post-Doc research position as coordinator of the "Insect Control Research Unit" for the SafeCrop project granted by Province of Trento.
- 2003-2006, IASMA Research Center, post-Doc research position granted by the Autonomous Province of Trento "Individuation of compounds involved in the intraspecific (pheromones) and interspecific (kairomones) communication of *Dasineura mali* (Kieffer) (Diptera: Cecidomyiidae), the Apple Leaf Curling Midge".
- 2002, University of Molise, research employment at the Scientific and Technological Park of Molise for the project "Researches for the evaluation of potato clones selected for the Molise environment".
- 2001-2002, University of Molise, research employment at the Department of Animal, Plant and Environmental Sciences for the project POM A30 "Development of Phytosanitary interventions for the insect pest control of high economic importance crops".
- 2000, University of Molise, research employment at the Department of Animal, Plant and Environmental Sciences for the project POM A04 "Protection strategies of mediterranean woods".

RESEARCH GRANTS, NATIONAL AND INTERNATIONAL PROJECTS:

- "Valorization of Agricultural and Fish Processing By-products for Sustainable Feed Production and Insect Welfare Evaluation" campagna 5xmille 2025.
- 2024-2029, PI of International Atomic Energy Agency (IAEA) Coordinated Technical Project (CRP): " Improvement of *Drosophila suzukii* Mass-Rearing and Released Methods for SIT Programmes (D41030)" with the project entitled "Study of the Reproductive Biology of *Drosophila suzukii* to Support the Development of Alternative Control Techniques Based on Interference with Reproduction (SIT, Gene Drive)", 30 KE
- 2024-2025, co-PI of "Il ruolo del microbiota su locomozione, abilità cognitive e salute dell'ape da miele (MicroBee), funded by Progetti di Ateneo e Fondazione CARITRO, 127,5 KE
- 2023-2025, PI of "Application of gene DRIVE technology to control populations of the Spotted Wing Drosophila, *Drosophila suzukii* (DRIVE SUZUKII)", Fondazione CARITRO Bando ricerca e sviluppo 2022/2023, ID 19650, 107,96 KE
- 2023-2025, Unit leader at UniTN of the national project PRIN 2022 "SUccess of Specialist versus generalist parasitoid in Hampering the spread of an Invasive pest (SUSHI)" Funding MUR, European Union – Next Generation EU, 48,6 KE
- 2022-2024, Co-PI of a research project in the contest of Tematiche dell'innovazione e all'Azione IV.6 – Contratti su tematiche green del nuovo Asse IV del PON Ricerca e Innovazione 2014-2020, "Analisi ed elaborazione di dati biologici ed ambientali a supporto dello sviluppo di sistemi di monitoraggio e controllo di insetti di interesse agrario basati sull'interferenza con la comunicazione chimica e vibrazionale", supporting an RtdA position cofunded by CBC Europe s.r.l. – Biogard Division
- 2020-2022, Scientific Coordinator of "VINDICTA - Strategie tecnologiche preventive e tecniche di difesa biologica per il contrasto alla cimice asiatica", Programma di Sviluppo Rurale della Regione Emilia-Romagna per il periodo di programmazione 2014-2020: Operazione 16.1.1. "Gruppi Operativi nell'ambito del Partenariato Europeo dell'Innovazione (PEI)", 70 KE

- 2020-2023, Scientific coordinator of SWAT Samurai Wasps Action Team. Trento Province supplementary funds for the development of classical biological control programs, 2020-2023
- Recipient of FFABR 2017 “Fondo per il finanziamento delle attività base di ricerca”, granted by MIUR
- 2018-2022, member of “Replacement of Contentious Inputs in organic farming Systems (RELACS)”. H2020-SFS-2016-2017 Sustainable Food Security – Resilient and resource-efficient value SFS-08-2017 Organic inputs – contentious inputs in organic farming, 264,4KE.
- 2017-2020, Coordinator at FEM of the project “I.T.A. 2.0. - Innovation Tecnology Agriculture”, riferimento 2017-S174-00100, Programma di Sviluppo Rurale della Provincia Autonoma di Trento per il periodo di programmazione 2014-2020: Operazione 16.1.1. "Gruppi Operativi nell'ambito del Partenariato Europeo dell'Innovazione (PEI)", 150KE
- 2016-2020, Member of the coordinator and supervisor team at FEM of the project “From microbial interactions to new-concept biopesticides and biofertilizers (Interfuture)”, Marie Sklodowska-Curie Actions, Innovative Training Networks (ITN), H2020-MSCA-ITN-2016 (722642), 645,2KE
- 2015-2017, Scientist in charge at FEM of the project of D.ssa Maria Cristina Crava “Deciphering the sense of smell in the invasive pest *Drosophila suzukii* (DroSmell)”, FP7-PEOPLE-2013-IEF, Marie Sklodowska-Curie Actions, Intra-European Fellowships (IEF) (627755), 187,4KE
- 2014-2017, Coordinator at FEM of the project “Studi sulla biologia ed ecologia dei vettori di apple proliferation per lo sviluppo di strategie di controllo sostenibili, SCOPAZZI” cofunded by the local organization of apple producers (APOT) (total value of the project 1.126.8KE, 40 personnel units).
- 2012-2015, WP leader of the “Grande Progetto PAT 2012 - Laboratory of Excellence for Epidemiology and Modeling. Facing the introduction and spread of Invasive Alien Species (IAS) into the territory of the Autonomous Province of Trento (LEXEM). WP: biology and ecology of *Drosophila suzukii*, 163,5KE
- 2012-2014, WP leader of the European project “Damage potential of *Drosophila suzukii* and development of risk management and control measures (DROSKII)” in the framework of Euphresco Phytosanitary ERA-NET, 46,8KE
- 2007-2010, PI at IASMA Research Center of the post-doc project granted by the Autonomous Province of Trento “Host plants volatile compounds for the control of yellows diseases insect vectors, *Hyalesthes obsoletus* and *Scaphoideus titanus* (HOST)”, 150KE
- 2008-2009, member of the scientific team of the national project PRIN 2007 “Mechanisms of host-plant location and host-plant preferences in two leafhoppers (Hemiptera: Auchenorrhyncha), vectors of grapevine yellow diseases” supported by Italian Ministry of Research.
- 2007-2008, member of the scientific team of the national project PRIN 2006 “Chemo-ecology traits of grapevine varieties guiding moth's attack: a new challenge for the development of safe methods for grapevine moths control” supported by Italian Ministry of Research.
- 2003-2006, PI at IASMA Research Center of the post-doc project granted by the Autonomous Province of Trento “Individuation of compounds involved in the intraspecific (pheromones) and interspecific (kairomones) communication of *Dasineura mali* (Kieffer) (Diptera: Cecidomyiidae), the Apple Leaf Curling Midge (SEDAMA)”, 150KE
- 2000, University of Molise, research grant for junior scientists “Progetto Giovani Ricercatori Fondi dell’E.F. 1999” with the project “Biological activity of plant compounds on the Potato Tuber Moth (*Phthorimaea operculella* Zeller)”.

TEACHING

- 2024, "Behavioral ecology and manipulation for insect pest control", PhD school "AgriFood and Environmental Sciences", University of Trento, 2 ECTS credits, in English language

- 2022-present, "Eco-sustainable methods for the prevention and management of invasive alien species", 1 CFU, Master course Agrifood Innovation Management, University of Trento, in English language
- 2022-present, "Biopesticides and innovative control methods against insect pests and pathogens", 3 CFU, Master course Agrifood Innovation Management, University of Trento, in English language
- 2019-2023, "Innovative methods in insect pest control", PhD school "AgriFood and Environmental Sciences", University of Trento, 2 ECTS credits, in English language
- 2017-present, "Grapevine Entomology", 6 CFU, Bachelor course in Viticulture and Oenology, University of Trento
- 2017-present, "Organic Viticulture", 3 CFU, Bachelor course in Viticulture and Oenology, University of Trento
- Course on "Biological control of pests" for the Master Program "Integrated Pest Management of Fruit and Vegetable Crops" a.a. 2021/22, 2023/24, 2024/25 at International Centre for Advanced Mediterranean Agronomic Studies (CIHEAM) – IAM Bari, 16 hours, in English language
- Course on "IPM concepts and regulations" for the Master Program 'Innovative Approaches for IPM of Mediterranean Fruit Crops' a.a. 2019/20 at International Centre for Advanced Mediterranean Agronomic Studies (CIHEAM) – IAM Bari, 16 hours, in English language
- 11-22/06/2018, Invited teacher at the "ICE 18", Graduate Course in Insect Chemical Ecology, Alnarp, Sweden. Organized by Swedish University of Agricultural Sciences, Max Planck Institute Jena and Penn State University. Lecture "Area-wide application of semiochemicals in Trento Province", 7.5 ECTS credits.
- 16/02/2017, Invited teacher at Corso "Mastro Apicoltore" I° Corso professionalizzante della durata di 608 ore per divenire apicoltori professionisti, organized by Fondazione Edmund Mach. Lecture "Morfologia, fisiologia e funzioni del sistema sensoriale delle api" (6 h)
- 8-19/06/2015, Invited teacher at the "ICE 15", Graduate Course in Insect Chemical Ecology, Alnarp, Sweden. Organized by Swedish University of Agricultural Sciences, Max Planck Institute Jena and Penn State University. Lecture "Vine and codling moths control by mating disruption in Trento province: a model for the research and for the use of semiochemicals", 7.5 ECTS credits.

COMMITTEES, APPOINTMENTS, SCIENTIFIC SOCIETIES

- 09-2024-present President of the Bachelor course "Viticulture and Oenology, University of Trento
- 2022-present Deputy Director of the Center Agriculture, Food and Environment, University of Trento
- 2022-present delegate of the Director for "Teaching and Learning" at Center Agriculture, Food and Environment, University of Trento
- 2019-2023, President of the Bachelor course "Viticulture and Oenology, University of Trento
- 2020-present, Membro Accademia Nazionale Italiana di Entomologia
- 2020, Member of the board of professors of the PhD school "AgriFood and Environmental Sciences", University of Trento
- 2018-present, coordinator of the C3A research cluster "Entomology and Agricultural Zoology" (15 members of the group)
- 2018-present, attainment of the National Scientific Qualification as full professorship in General and Applied Entomology "Abilitazione Scientifica Nazionale per il Settore Concorsuale 07/D1 - Patologia Vegetale e Entomologia, Prima Fascia"

- 2017-2022 delegate for the quality of research and didactics at Center Agriculture, Food and Environment, University of Trento
- Invited as international expert by the Regional Working Group of South America for the eradication and control of *Lobesia botrana* (Taller de Intercambio Regional Comite Regional de Sanidad Vegetal del Cono Sur (COSAVE) - Grupo Técnico Lobesia botrana), 05-09/11/2018, Mendoza, Argentina
- Member of the Italian Society of Entomology (SEI)
- Member of the Italian Society for Evolutionary Biology (SIBE)
- Member of the International Organization for Biological Control (IOBC/WPRS)
- 2014-2020, Member of the board of professors of the PhD school "Agricultural Science and Biotechnology", University of Udine.
- 2014-2016, Member of the "FIRS>T Managing Committee", that coordinates the activities of FEM international PhD programs: http://www.fmach.it/eng/CRI/education
- 2011-2014, Member of the scientific board of the International PhD School "Insect Science and Biotechnology", University of Napoli Federico II.
- 2001-2003, qualification of "Expert of Science Subjects" of Sector AGR/11 conferred by the Faculty of Agricultural Sciences, University of Molise.
- 2001-2003, representative of PhD students in the Faculty board, University of Molise.

EDITORIAL

- 2020-present, Associate editor of "Insects"
- 2024, Co-Editor of the Special Issue "Advances in Chemical Ecology of Plant–Insect Interactions" in Insects
- 2022-23, Co-Editor of the special issue "Combining Biological Control and Sterile Insect Technique to Enhance Invasive Pest Species Management" in Insects
- 2020, Associate Editor of "CABI Agriculture and Bioscience"
- 2013-present, Member of the review editorial board of "Frontiers in Chemical Ecology"
- 2013-2015, Member of the editorial board of "Entomologia"

PATENTS

- 13/01/2017 Co-inventor of the Italian patent n. MI2014A001905 "Use of an active culture of lactic bacteria for preparing a bait aimed at monitoring and controlling *Drosophila suzukii"* (priority date 06/11/2014). On 05/05/2017 the application of the European patent (n.15804575.7 - 1454) has been submitted under the Patent Cooperation Threaty (PCT)

WEBSITE/DATASHEET/PETITIONS

- 2021, Co-signatory of the italian risk assessment "Proposta di immissione del microimenottero *Ganaspis brasiliensis* Ihering, Agente di Controllo Biologico del Moscerino dei piccoli frutti *Drosophila suzukii* (Matsumura)"
- EPPO (2020) *Drosophila suzukii*. EPPO datasheets on pests recommended for regulation. Available online. https://gd.eppo.int
- Collaborator and co-signatory of the "Petition to release *Ganaspis brasiliensis* (Ihering) (Hym.: Figitidae), an Asian larval parasitoid for the biological control of *Drosophila suzukii* Matsumura (Dip.: Drosophilidae)", USA, 20th August 2019
- CABI, 2014. *Drosophila suzukii* [original text by Ioriatti C, Rossi Stacconi M.V., **Anfora G**.]. In: Invasive Species Compendium. Wallingford, UK: CAB International. http://www.cabi.org/isc.

BOOKS/ BOOK CHAPTERS

- Vezzulli S., Gramaje D., Tello J., Gambino G., Bettinelli P., Pirrello C., Schwandner A., Barba P., Angelini E., **Anfora G.**, Mazzoni V., Pozzebon A., Palomares-Rius J.E., Martínez-Diz M.P., Toffolatti S.L., De Lorenzis G., De Paoli E., Perrone I., D'Incà E., Zenoni S., Wilmink J., Lacombe T., Crespan M., Walker M.A., Bavaresco L., De la Fuente M., Fennell A., Tornielli G.B., Forneck A., Ibáñez J., Hausmann L., Reisch B.I., 2022. Designing for Biotic Stress Resistant Grapevine. In: Kole C (ed) Genomic Designing for Biotic Stress Resistant Fruit Crops. Springer Nature, Cham, Switzerland, pp. 87-255
- Janik K., Barthel D., Oppedisano T., **Anfora G.**, 2020. Apple Proliferation: a joint review. Fondazione Edmund Mach and Laimburg Research Center (eds.), 93 pp, ISBN: 9788878430549. Italian and german version available, Scopazzi del melo: stato attuale della ricerca, 153 pp., ISBN 978-88-784-3053-2.
- Mazzoni V., Nieri R., Eriksson A., Virant-Doberlet M., Polajnar J., **Anfora G.**, Lucchi A., 2019. Mating disruption by vibrational signals: State of the field and perspectives In: P.S.M. Hill et al., (eds.), Biotremology: studying vibrational behavior, Animal Signals and Communication 6, Springer-Verlag Berlin Heidelberg, pp. 331-354.
- Conception, coordination of the editorial project and coautorship of the book: *Drosophila suzukii*, una specie aliena dannosa alle colture di piccoli frutti in Trentino: ricerche in corso e linee guida per il controllo. Fondazione Edmund Mach, Progetto LExEM (Laboratorio di eccellenza per l'epidemiologia e la modellistica), 2017: pp 51.
- Mazzoni V., Eriksson A., **Anfora G.**, Lucchi A., Virant-Doberlet M., 2014. Active Space and the Role of Amplitude in Plant-Borne Vibrational Communication. In: R.B. Cocroft et al., (eds.), Studying Vibrational Communication, Animal Signals and Communication 3, Springer-Verlag Berlin Heidelberg, pp. 125-145.
- Ioriatti C., Frontuto A., Grassi A., **Anfora G**., Simoni S., 2012. *Drosophila suzukii* (Matsumura), una nuova specie invasiva dannosa alle colture di piccoli frutti. In: Criticità e prospettive delle emergenze fitosanitarie, Accademia dei Georgofili. Quaderno VIII 2011: pp. 69-80. Firenze, Polistampa.
- Conception, coordination of the editorial project and coautorship of the book: Le Tignole della Vite. Istituto Agrario San Michele all'Adige, SafeCrop Centre, 2007. ISBN 978-88-7843-018-1. 87 pp

PEER-REVIEWED FULL-LENGTH PAPERS

1. Mainardi C.E., Peccerillo C., Musmeci S., Paolini A., Sforza R.F.H., Cemmi A., Di Sarcina I., **Anfora G.**, Porretta D., Marini F., Cristofaro M., 2025. Sterile but sexy: assessing the mating competitiveness of irradiated *Bagrada hilaris* males for the development of a sterile insect technique. Insects 16: 391
2. Baser N., Rossini L., **Anfora G.**, Temel K.M., Gualano S., Garone E., Santoro F., 2025. Thermal development, mortality, and fertility of an apulian strain of *Drosophila suzukii* at different temperatures. Insects 2025, 16, 60.
3. Zapponi L., Chiesa S.G., **Anfora G.**, Chini L., Gallimbeni L., Ioriatti C., Mazzoni V., Saddi A., Angeli G., 2024. Combined effect of timing, position and management on *Halyomorpha halys* feeding injury assessment on apple cultivars. Journal of Applied Entomology. 148: 1027–1036.
4. Fouani J.M., Bonet M., Zaffaroni-Caorsi V., Nieri R., Verrastro V., **Anfora G.**, Mazzoni V., 2024. Diel vibrational activity of *Halyomorpha halys* and its implications for enhancing bimodal traps. Entomologia Experimentalis et Applicata, 72: 1166–1175.
5. Scala M., Peccerillo C., Fouani J.M., Nieri R., Baser N., Verrastro V., Cristofaro M., **Anfora G.***, Mazzoni V., 2024. The role of substrate-borne vibrational signals in the sexual communication of the painted bug, *Bagrada hilaris*. Entomologia Experimentalis et Applicata, 172:1141–1153.
6. Fellin L., Bertagnolli G., Mazzoni V., **Anfora G.**, Agostinelli C., Rossi Stacconi M.V., Nieri R., 2024. Detection and characterization of incidental vibrations from *Drosophila suzukii* in infested fruits. Journal of Pest Science, 97: 1461-1473.

7. Mazzoni V., **Anfora G.**, Cocroft R.B., Fatouros N.E., Groot A.T., Gross J., Hill P.S.M., Hoch H., Ioriatti C., Nieri R. Pekas A., Rossi Stacconi M.V., Stelinski L.L., Takanashi T., Virant-Doberlet M., Wessel A., 2024. Bridging biotremology and chemical ecology: a new terminology. Trends in Plant Science, 29: 848-855.
8. Fellin L., Dal Zotto G., Lisi F., Chiesa S.G., Saddi A., Fusillo M., **Anfora G.**, Biondi A., Mori N., Rossi Stacconi M.V., 2024. Assessment of non-target toxicity of insecticides on *Ganaspis brasiliensis* (Ihering) in laboratory and field conditions. Pest Management Science, 80: 5421-5431.
9. Fouani J.M., Wiman N.G., Ragozzino M., Paul R., Walton V., Verrastro V., Mazzoni V., **Anfora G.**, 2024. Dose-response and sublethal effects from insecticide and adjuvant exposure on key behaviors of *Trissolcus japonicus*. Entomologia Generalis, 44: 633-641.
10. Paoli F., Cristofaro M., Roselli G., Sasso R., Musmeci S., Barbieri F., Sciandra C., Vanoni V., Menegotti L., Roversi P.F., **Anfora G.**, Mercati D., Dallai R., 2024. Ultrastructure of the spermiogenesis in *Halyomorpha halys* (Hemiptera: Pentatomidae): X-Irradiation and new insights on the centriolar region organization. Insects 2024, 15: 505
11. Giorgini M., Rossi Stacconi M.V., Pace R., Tortorici F., Cascone P., Formisano G., Spiezia G., Fellin L., Carlin S., Tavella L., **Anfora G.**, Guerrieri E., 2024. Foraging behavior of *Ganaspis brasiliensis* in response to temporal dynamics of volatile release by the fruit–*Drosophila suzukii* complex. Biological Control, 195: 105562.
12. Lisi F., Cavallaro C., Fellin L., Gugliuzzo A., Desneux N., **Anfora G.**, Rossi Stacconi M.V., Biondi A., 2024. Non-target effects of neurotoxic insecticides on *Ganaspis cf. brasiliensis*, a classical biological control agent of the spotted wing Drosophila. CABI Agriculture and Bioscience, 5: 48
13. Zippari C., Nieri R., Hamouche Z., Boucherf A., Tamburini G., **Anfora G.**, Verrastro V., Mazzoni V., Cornara D., 2024. Substrate-borne vibrations produced during the interaction with natural enemies alter aphids probing behavior. Journal of Pest Science, 97: 17-33.
14. Fouani J.M., Scala M., Zaffaroni-Caorsi V., Verrastro V., **Anfora G.**, Mazzoni V., 2024. The post-diapause vibrational behavior, motility, and survival of the brown marmorated stink bug *Halyomorpha halys* (Stål) adults at different temperatures. Scientific Reports, 14(1), 1198.
15. Geppert C., da Cruz M., Alma A., Andretta L., **Anfora G.**, Battaglia D., Burgio G., Caccavo V., Chiesa S.G., Cinquatti F., Cocco A., Costi E., D'Isita I., Duso C., Garonna A.P., Germinara G.S., Lo Bue P., Lucchi A., Maistrello L., Mannu R., Marchesini E., Masetti A., Mazzon L., Mori N., Ortis G., Peri E., Pescara G., Prazaru S.C., Ragone G., Rigamonti I.E., Rosi M.C. Rotundo G., Sacchetti P., Savoldelli S., Suma P., Tamburini G., Tropea Garzia G., Marini L., 2024. Climate and landscape composition explain agronomic practices, pesticide use and grape yield in vineyards across Italy. Agricultural Systems, 215: 103853.
16. Avosani S., Nieri R., Mazzoni V., **Anfora G.**, Hamouche Z., Zippari C., Vitale M.L., Verrastro V., Tarasco E., D'Isita I., Germinara S., Doring T.F., Belusic G., Fereres A., Thompson V., Cornara D., 2024. Intruding into a conversation: how behavioral manipulation could support management of *Xylella fastidiosa* and its insect vectors. Journal of Pest Science, 97:17-33
17. Avila G.A., Seehausen M.L., Lesieur V., Chhagan A., Caron V., Down R.E., Audsley N., Collatz J., Bukovinszki T., Sabbatini Peverieri G., Tanner R., Maggini R., Milonas P., McGee C.F., Horrocks K., Herz A., Lemanski K., **Anfora G.**, Batistič L., Bohinc T., Borowiec N., Dinu M., Fatu A-C., Ferracini C., Giakoumaki M-V., Ioriatti C., Kenis M., Laznik Z., Malumphy C., Rossi Stacconi M.V., Roversi P.F., Trdan S., Barratt B.I.P., 2023. Guidelines and framework to assess the feasibility of starting pre-emptive risk assessment of classical biological control agents. Biological Control, 187, 105387.
18. Ioriatti C., **Anfora G.**, Bagnoli B., Benelli G., Lucchi A., 2023. A review of history and geographical distribution of grapevine moths in Italian vineyards in light of climate change: Looking backward to face the future. Crop Protection, 106375.
19. Roselli G., **Anfora G.***, Sasso R., Zapponi L., Musmeci S., Cemmi A., Suckling D.M., Hoelmer K.A., Ioriatti C., Cristofaro M., 2023. Combining Irradiation and Biological Control against Brown

Marmorated Stink Bug: Are Sterile Eggs a Suitable Substrate for the Egg Parasitoid *Trissolcus japonicus*? Insects, 14(7), 654.

20. Benelli G., Lucchi A., **Anfora G.**, Bagnoli B., Botton M., Campos-Herrera R., Carlos C., Daugherty M.P., Gemeno C., Harari A.R., Hoffmann C., Ioriatti C., López Plantey R.J., Reineke A., Ricciardi R., Roditakis E., Simmons G.S., Tay W.T., Torres-Vila L.M., Vontas J., Thiéry D., 2023. European grapevine moth, *Lobesia botrana*, Part I: Biology and ecology. Entomologia Generalis, 43 (2): 261-280.
21. Benelli G., Lucchi A., **Anfora G.**, Bagnoli B., Botton M., Campos-Herrera R., Carlos C., Daugherty M.P., Gemeno C., Harari A.R., Hoffmann C., Ioriatti C., López Plantey R.J., Reineke A., Ricciardi R., Roditakis E., Simmons G.S., Tay W.T., Torres-Vila L.M., Vontas J., Thiéry D., 2023. European grapevine moth, *Lobesia botrana*, Part II: Prevention and Management. Entomologia Generalis, 43 (1): 281-304.
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Autorizzo il trattamento dei dati personali contenuti nel mio curriculum vitae in base all'art. 13 del D. Lgs. 196/2003 e all'art. 13 del Regolamento UE 2016/679 relativo alla protezione delle persone fisiche con riguardo al trattamento dei dati personali.