

CURRICULUM VITAE

Maria L. Pappas

1. Personal Information

Name and surname Maria Pappa(s)
Date/place of birth 08.09.1978 / Arta, Greece
Current position Associate Professor of Entomology & Acarology
Address Democritus University of Thrace, Faculty of Agricultural Sciences and Forestry,
Department of Agricultural Development, Laboratory of Agricultural Entomology and
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2. Career

2021 - Associate Professor in Entomology and Acarology
Department of Agricultural Development, Democritus University of Thrace
2017 – 2021 Assistant Professor in Entomology and Acarology
Department of Agricultural Development, Democritus University of Thrace
2013 – 2017 Lecturer in Entomology/Acarology
Department of Agricultural Development, Democritus University of Thrace
2011 – 2013 Visiting Researcher, Institute for Biodiversity and Ecosystem Dynamics University of
(3 months/year) Amsterdam, The Netherlands
2012 Adjunct Lecturer, Department of Agriculture, Aristotle University of Thessaloniki
2011 – 2013 Post-doctoral researcher, Department of Agricultural Development, Democritus
University of Thrace
2009-2013 Adjunct Lecturer, Department of Agricultural Development, Democritus University of
Thrace
2009 (3 months) Visiting Researcher, Institute of Biology, Freie Universität Berlin, Germany
2007 - 2011 Post-doctoral researcher, Department of Agriculture, Aristotle University of
Thessaloniki (AUTH)

3. Studies

2003-2007 PhD in Entomology, Department of Agriculture, AUTH
2001-2003 MSc in Crop Protection (9.5/10.0), Department of Agriculture, AUTH
1996-2001 Bachelor in Agricultural Sciences (8.07/10.0), Department of Agriculture, AUTH

4. Research Interests

Ecology and biology of insects and mites
Herbivore/predator-plant-microbe interactions
Integrated pest management and biological control
Induced plant defences in biological control

5. Foreign languages – Computer skills

English (C1) – French (B2) – German (B1)
Computer Certified User by ACTA (MS Windows, MS Word, MS Excel, MS Internet Explorer, MS Outlook
Express, MS Access, MS Power Point), SPSS, R Statistics

6. Research/training visits abroad

2016 Training School on Plant Volatiles, German Centre for Integrative Biodiversity Research Halle-
Jena-Leipzig, *hands-on training*: plant volatile trapping and analysis (12-13/09)
2016 Montpellier SupAgro, Montpellier, France (29.02-05.03.2016, Erasmus LLP)
2014 University of Amsterdam, The Netherlands (14.05.2014- 28.05.2014, Erasmus LLP)
2014 Freie Universität Berlin, Berlin, German (06-13.10.2014, Ministry of Education, Bilateral
educational program between Greece and Germany)
2011-2013 Freie Universität Berlin, Institute of Biology, Germany (1 week/year, IKYDA)

2011-2013	University of Amsterdam, Institute of Biodiversity and Ecosystem Dynamics, The Netherlands (9 months), <i>hands-on training</i> : DNA extraction, RNA extraction, qPCR, LC-MS/MS.
2010	University of South Bohemia Department of Zoology, Faculty of Science, Ceske Budejovice, Czech Republic (10-12.04.2010)
2009	Freie Universität Berlin, Institute of Biology, Germany (3 months, DAAD), <i>hands-on training</i> : HPLC-DAD, radial diffusion and Bradford assays.

7. Academic teaching

Democritus University of Thrace (undergraduate program)

2014-	General Agricultural Entomology and Zoology
2008-	Concepts and Principles in Integrated Pest Management
2014-	Acarology - Nematology
2014	Pests of Field Crops and Vegetables

Democritus University of Thrace (postgraduate program)

2015-	Insect - Plant Interactions
2016	Integrated Pest Management

Aristotle University of Thessaloniki (undergraduate program)

2012	Entomology I
2012	Acarology
2002-2010	Entomology I and Acarology (practicals)

8. Supervision of students and trainees (shown are the names of *selected* students)

Ongoing

2021 -	Paraskevi Ntalia, PhD student – <i>main supervisor</i>
2017 -	Ioannis Koufakis, PhD student – <i>co-supervisor</i>
2021-	Aggelos Bechtsoudis, PhD student – <i>co-supervisor</i>
2020	Maria Augoustoglou, Michail Mauroidis, Elpida Tsouroula, Marina Hollborn, Julia Tzelepi, Sokratis Stamatis, Niki Mamali, Bachelor students - <i>main supervisor</i>

Finished

2019-2020	Athanasia Stamkopoulou, MSc student - <i>main supervisor</i>
2018-2020	Galini Koutsoula, MSc student - <i>main supervisor</i>
2017-2019	Maria Liapoura, MSc student - <i>main supervisor</i>
2013-2018	Konstantinos Samaras, PhD - <i>co-supervisor</i>
2016 - 2020	Aggelos Tsigkas, PhD student - <i>co-supervisor</i>
2018-2021	Galini Koutsoula, MSc student - <i>main supervisor</i>
2017-2018	Charikleia Kyriakaki, MSc- <i>main supervisor</i>
2013-2017	25 Bachelor and 3 Internship students – <i>main supervisor</i> 9 Master and 18 Bachelor students - <i>co-supervisor</i>

9. Funded projects

Ongoing

2019-2022	HFRI: Beneficial Microbes to Optimize pest control in Sustainable Tomato production (BeMOST) - <i>PI</i>
2019-2022	PRIMA: Innovative tools to combat crop pests in the Mediterranean (INTOMED) – <i>Partner (PI for DUTH)</i>
2019-2022	IKYDA (Greece-Germany): Plant-mediated effects of beneficial soil microbes against arthropod pests - <i>Coordinator</i>
2019-2021	Onassis Foundation, ‘Insect-plant-microbe interactions: beneficial microbe effects on key pests of crops’ - <i>Coordinator</i>
2018-2021	EYDE-ETAK: Evaluation and breeding of lentil landraces and cultivars for special agronomic, physiological and quality traits (LENSBREED) - <i>Partner</i>

Finished

- 2020-2021 BIOBEST Belgium NV Sampling and collection of individuals of *Micromus variegatus* - **Coordinator**
- 2018-2020 H2020-MSCA-IF. RNA sprays as a tool for crop improvement and protection (RNASTIP)– **Partner** (Secondment host)
- 2018-2021 KA203-048110-Erasmus Curricula in Applied Plant Sciences (ESCAPAdE)- **Partner**
- 2018-2020 Assessing the potential of the lacewings *Chrysoperla agilis* and *C. mutata* as biological control agents of aphids and mealybugs, Biobest Belgium NV - **Coordinator**
- 2016-2017 BIOBEST Belgium NV, Biological pest control with *Macrolophus pygmaeus* populations as influenced by plant-mediated effects’ - **Coordinator**
- 2015-2017 IKYDA (Greece-Germany): ‘Beyond predation: exploring the role of omnivorous predators in the activation of plant defenses to optimize biological pest control’ - **Coordinator**
- 2013-2015 Onassis Foundation, ‘Plant defense responses to omnivorous heteropteran bugs: effects on plant pests’ - **Coordinator**
- 2014-2017 BIOBEST Belgium NV, Identification of promising natural enemies within the European *Chrysoperla carnea* (Neuroptera: Chrysopidae) cryptic species group” - **Partner**
- 2014-2015 Evaluation of the selectivity of two insecticides to indigenous biological control agents in cotton fields in Northern Greece’ funded by DuPont de Nemours (France) - **Partner**
- 2011-2014 IKYDA (Greece-Germany): ‘Plant mediated effects of herbivory by zoophytophagous predatory insects on pest species’ funded by IKY and DAAD – **Partner**
- 2003-2017 Participation to 32 research projects funded by the agrochemical industry-**Partner**

10.Fellowships – Awards

- 2018, 2015 **Onassis Foundation**, Awards by the ‘Scientific publications expenses coverage assistance programme’ (publication fees for Pappas ML et al. 2015. *PLoS ONE* 10 (5): e0127251 and Pappas ML et al. 2018. *Scientific Reports* 8(1): 3996)
- 2016 **Erasmus** LLP fellowship for a research visit (6 days) at Montpellier SupAgro
- 2014 **Fulbright Foundation** award to conduct research entitled ‘Unravelling novel mechanisms for whitefly resistance in alfalfa’ at Prof. Walling’s lab, University of California, Riverside, USA (declined due to her appointment as a lecturer at Democritus University of Thrace)
- 2014 **Erasmus** LLP fellowship for a research research visit (7 days) at the University of Amsterdam
- 2014 Bilateral educational program between Greece and Germany, **Fellowship** for a research research visit at Freie Universität Berlin
- 2010 **Hungarian Scholarship Board**, Research fellowship (2 weeks), University of Debrecen
- 2009 **Deutscher Akademischer Austausch Dienst (DAAD)**, Postdoctoral Fellowship (3 months), Project Title: ‘Plants priming of herbivore resistance by pathogens’ (in collaboration with Prof. Dr A. Steppuhn, Freie Universität Berlin)
- 2009 **Greek State Scholarships Foundation (I.K.Y.)**, Postdoctoral Fellowship (12 months)
- 2007-2008 **Aristotle University Research Committee**, Postdoctoral Fellowship (20 months)
- 2004-2007 **Greek State Scholarships Foundation** – 2004-2007, PhD Fellowship
- 2003-2004 **Onassis Foundation**, MSc Studies Fellowship

11.Scientific society memberships

Hellenic Entomological Society (HES); European Association of Acarologists (EURAAC); British Ecological Society (BES); International Association of Neuropterologists (IAN); International Society of Chemical Ecology (ISCE); International Organization for Biological and Integrated Control (IOBC)

12.Experience in reviewing processes

Grants/Project evaluation

EU Marie Skłodowska-Curie Actions Horizon ▪ European Science Foundation (ESF) ▪ Netherlands Organization for Scientific Research (NWO), Open Programme-Earth & Life Sciences ▪ Dutch Technology Foundation STW ▪ Research Foundation Flanders (FWO) ▪ British Ecological Society Review College ▪ Science Fund of the Republic of Serbia ▪ Shota Rustaveli National Science Foundation (Georgia) ▪ Wageningen University, Graduate School for

Production Ecology & Resource Conservation ▪ States Scholarships Foundation ▪ Entomological Society of America: ESA student competition (2016, 2020), NSF, BRAD.

Scientific manuscripts evaluation

Reviewer of scientific articles for the *journals*: BMC Plant Biology, Scientific Reports, Plant Physiology, Pest Management Science, Plant Biology, Ecology & Evolution, Journal of Chemical Ecology, Arthropod-Plant Interactions, Animal Behaviour, Journal of Applied Entomology, Bulletin of Entomological Research, PLoS ONE, Experimental and Applied Acarology, Physiologia Plantarum, Insects, Ecological Entomology, Journal of Economic Entomology, European Journal of Entomology, Annals of the Entomological Society of America, Environmental Entomology, Journal of Insect Science, Applied Entomology and Zoology, Insect Science, Biocontrol Science & Technology, Toxicological & Environmental Chemistry, Phytoparasitica, Frontiers in Ecology and Evolution, International Journal of Molecular Sciences, Frontiers in Plant Science, New Phytologist, Agriculture, Ecosystems & the Environment.

Editorial Board memberships

- Ecological Solutions and Evidence (British Ecological Society) (2020 -) ▪ Landscape Ecology (2018 -) ▪ Bulletin of Entomological Research (2018 -) ▪ Journal of Economic Entomology (2019 -) ▪ Applied Entomology and Zoology (2015 -) ▪ Frontiers in Ecology & Evolution (2019 -) ▪ Archives of Phytopathology and Plant Protection (2016 -) ▪ SpringerPlus (2016-2018) ▪ Springer Science Reviews (2014-2018) ▪ International Journal of Biology (2014 -) ▪ Journal of Agricultural Science (2014-) ▪ Entomologia Hellenica (2014-2016) ▪ PCI Zoology (2019 -) ▪ PCI Ecology (2019 -) ▪ Frontiers in Plant Science (Review Editor for Plant Pathogen Interactions) (2019 -) ▪ Frontiers in Sustainable Food Systems (Review Editor for Agroecology and Ecosystem Services)
- Guest Associate Editor for Plant Microbe Interactions, *Frontiers in Microbiology* and *Frontiers in Plant Science*, Research Topic: 'Plant responses to phytophagous mites/thrips and search for resistance'.
- Guest Associate Editor for *Frontiers in Plant Science*, *Frontiers in Ecology and Evolution* and *Frontiers in Environmental Science*, Research Topic: 'Ecosystem Services and Disservices Provided by Plant-Feeding Predatory Arthropods'.
- Reviewer Editor for Frontiers in Plant Science, Frontiers in Sustainable Food Systems and Frontiers in Microbiology (Sections: Plant-Microbe Interactions, Agroecology and Ecosystem Services, Chemical Ecology) (2017-...)
- Guest Associate Editor for *Sustainability*, Research Topic: 'Sustainable Use of Biocontrol Agents'

13.(Inter)national scientific activities

- 2022 Member of the Scientific Committee of the XII European Congress of Entomology, Crete, Greece
- 2019 COST Action FA1405 'Using three-way interactions between plants, microbes and arthropods to enhance crop protection and production', Substitute Management Committee Member for Greece (2015-2019)
- 2018 Co-organiser of the symposium 'Mite-plant Interactions: From Responses to Tolerance/Resistance' with Dr. Kant (University of Amsterdam, Netherlands) and Dr. Sperotto (University of Taquari Valley, Brazil), XV International Congress of Acarology
- 2018 Member of the Scientific Committee of the XV International Congress of Acarology, 2-8/09/2018, Antalya, Turkey
- 2017- Member of the European Science Foundation (ESF) College of Expert Reviewers
- 2017 Member of the Organizing and Scientific Committees of the 6th meeting of the IOBC-WPRS Working Group "Integrated Control of Mite Pests"
- 2017 Member of the Scientific Committee of the 17th National Entomological Congress, Athens, Greece, 19-22 September 2017 (Session: Plant-Microbe Interactions)
- 2016 Member of the Organizing Committee of the meeting of the IOBC-WPRS Working Group "Pesticides and Beneficial Organisms"
- 2015 Organisation of the scientific expert meeting in collaboration with Prof. van Dam under the framework of the action COST FA1105 Biogreenhouse: Towards a sustainable and productive EU organic greenhouse horticulture, Leipzig 20-22 April 2015.

- 2015 Member of the Scientific Committee of the 16th National Entomological Congress, Heraklion, Greece, 20-23 October 2015 (Biological Control and other Control Methods)
- 2014- Member of the Advisory Board of the Hellenic Entomological Society (Vice-President: 2016-today, General Secretary: 2014-2016).
- 2013 Member of the Organizing and the Scientific Committees of the 15th Panhellenic Entomological Congress held on 22-25 October 2013 in Kavala, Greece.

2002-now **Participation to 35 International (42 contributions)**

1999-now **Participation to 10 national conferences (48 contributions)**

14. Invited talks/lectures

- Invitation by Prof. Jacques (Universitat Jaume I) and Dr Urbaneja (Unidad Asociada Entomologia UJI-IVIA) to participate with a talk to the IOBC sponsored Symposium entitled: ‘Zoophytophagous Predators in Biological Control’, ICE March 26, 2016, Florida USA. Title: Beyond predation: plant-mediated effects of the zoophytophagous predator *Macrolophus pygmaeus* on its herbivorous prey.
- Invitation to give a talk at DUTH’s postgraduate studies seminars. Title: Insect-Plant interactions: the role of the zoophytophagous predator *Macrolophus pygmaeus*, 31 October 2014.
- Invitation by Prof. Hilker and Prof. Steppuhn, Institute of Biology (Department of Applied Zoology/ Animal Ecology) at the Freie Universität of Berlin (Germany) (28th May 2009). Title: ‘Life-history traits and phenology of the predatory lacewing *Dichochrysa prasina* (Neuroptera: Chrysopidae)’.
- Invitation by Prof. Nedved to give two lectures, Department of Zoology, University of South Bohemia (Czech Republic, 12-14/04/2010). Titles: ‘Biological Control: Principles and implementation in the greenhouse’ and ‘*Dichochrysa prasina* (Neuroptera: Chrysopidae): a promising indigenous biological control agent in orchards’.

15. Publications in international peer-reviewed journals | h-index: 20 (Google Scholar) / 17 (Scopus)

1. **Pappas, M.L.**, Samaras, K., Koufakis, I., Broufas, G.D. 2021. Beneficial soil microbes negatively affect spider mites and aphids in pepper. *Agronomy* 11(9),1831.
1. Athanasiadis K., **Pappas M.L.**, Broufas G.D. (2021). Effect of duration of exposure to males on female reproductive performance of the green lacewing, *Chrysoperla agilis* (Neuroptera: Chrysopidae). *Insects* 12(6): 560.
2. Samaras, K., **Pappas, M.L.**, Pekas, A., Wäckers, F., Broufas, G.D. (2021). Benefits of a balanced diet? Mixing prey with pollen is advantageous for the phytoseiid predator *Amblydromalus limonicus*. *Biological Control*, 155, art. no. 104531.
3. Gruden K., Lidoy J.b, Petek M., Podpečan V., Flors V., Papadopoulou K.K., **Pappas M.L.**, Martinez-Medina A, Bejarano E., Biere A., Pozo M.. (2020). Menage a trois: Unravelling the mechanisms regulating plant-microbe-arthropod interactions. *Trends in Plant Science* 25(12): 1215-1226.
4. Papanikolaou, N.; Broufas, G.; Papachristos, D.; **Pappas, M.**, Kyriakaki, C.; Samaras, K.; Kypraios, T. (2020). On the mechanistic understanding of predator feeding behavior using the functional response concept. *Ecosphere* 11(5),e03147.
5. Dalakouras, A., Wassenegger, M., Dadami, E., Ganopoulos, I., **Pappas, M.L.**, & Papadopoulou, K. K. (2020). GMO-free RNAi: exogenous application of RNA molecules in plants. *Plant Physiology*, pp.00570.02019. doi:10.1104/pp.19.00570
6. Sperotto, R.A., Grbic, V., **Pappas, M.L.**, Leiss, K.A., Kant, M.R., Wilson, C.R., Santamaria, M.E., Gao, Y. (2019). Editorial: Plant responses to phytophagous mites/thrips and search for resistance. *Frontiers in Plant Science*, 10: 866.
7. Samaras, K., **Pappas, M.L.**, Fytas, E., Broufas, G.D. (2019). Pollen provisioning enhances the performance of *Amblydromalus limonicus* on an unsuitable prey. *Frontiers in Ecology and Evolution*, 7: 122.
8. **Pappas, M.L.**, Liapoura, M., Papantoniou, D., Avramidou, M., Kavroulakis, N., Weinhold, A., Broufas, G.D., Papadopoulou, K.K. (2018). The beneficial endophytic fungus *Fusarium solani* strain K alters tomato responses against spider mites to the benefit of the plant. *Frontiers in Plant Science* 9: 1603.
9. Garantonakis, N., **Pappas, M.L.**, Varikou, K., Skiada, V., Broufas, G.D., Kavroulakis, N., Papadopoulou KK (2018). Tomato inoculation with the endophytic strain *Fusarium solani* K results in reduced feeding damage by the zoophytophagous predator *Nesidiocoris tenuis*. *Frontiers in Ecology & Evolution* 6: 126

10. **Pappas, M.L.**, Tavlaki, G., Triantafyllou, A., Broufas, G.D. (2018). Omnivore-herbivore interactions: thrips and whiteflies compete via the shared host plant. *Scientific Reports* 8(1): 3996.
11. **Pappas M.L.**, Broekgaarden C., Broufas G.D., Kant M.R., Messelink G., Steppuhn A., Wäckers F. and N.M. van Dam 2017. The double-edged sword of induced plant defences in biological control. *Pest Management Science*, doi: 10.1002/ps.4587
12. Muñoz-Cárdenas K., Ersin F., Pijnakker J., van Houten Y., Hoogebrugge H., Leman A., **Pappas M.L.**, Duarte M.V.A., Messelink G., Sabelis M.W. and A. Janssen 2017. Supplying alternative prey in the litter increases control of an above-ground plant pest. *Biological Control* 105: 19-26.
13. Ataíde L.M.S., **Pappas M.L.**, Schimmel B.C.J., López-Orenes A., Alba J.M., Duarte M.V.A., Pallini A., Schuurink R.C. and M.R. Kant 2016. Suppressed plant-defenses boost herbivore reproduction but also evoke increased predation of their offspring, *Plant Science* 252:300-310.
14. **Pappas M.L.**, Steppuhn A., and G.D. Broufas 2016. The role of phytophagy by predators in shaping plant interactions with their pests. *Communicative and Integrative Biology*, 9(2): e1145320, (invited).
15. **Pappas M.L.**, Steppuhn A., Geuss D., Topalidou N., Zografou A., Sabelis M.W. and G.D. Broufas 2015. Beyond predation: the zoophytophagous predator *Macrolophus pygmaeus* induces tomato resistance against spider mites, *PLoS ONE* 10 (5): e0127251
16. Alba J.M., Schimmel B.C.J, Glas J.J., Ataíde L.M.S., **Pappas M.L.**, Villarrol C.A., Schuurink R.C., Sabelis M.W. and M.R. Kant 2015. Spider mites suppress tomato defenses downstream of jasmonate and salicylate independently from hormonal crosstalk. *New Phytologist* 205(2): 828-840.
17. Samaras K., **Pappas M.L.**, Fytas E. and G.D. Broufas 2015. Pollen suitability for the development and reproduction of *Amblydromalus limonicus* (Acari: Phytoseiidae), *BioControl* 60(6): 773-782.
18. Döker I., Pappas M.L., Samaras K., Triantafyllou A., Kazak C. and G.D. Broufas 2015. Compatibility of reduced-risk insecticides with the non-target predatory mite *Iphiseius degenerans* (Acari: Phytoseiidae), *Pest Management Science* 71(9): 1267-1273.
19. **Pappas M.L.**, Karagiorgou E., Papaioannou G., Koveos D.S. and G.D. Broufas 2013. Developmental temperature responses of *Chrysoperla agilis* (Neuroptera: Chrysopidae), a member of the European *carnea* cryptic species group. *Biological Control* 64(3): 291-298.
20. **Pappas M.L.**, Xanthis C., Samaras K., Koveos D.S. and G.D. Broufas 2013. Potential of the predatory mite *Phytoseius finitimus* (Acari: Phytoseiidae) to feed and reproduce on greenhouse pests. *Experimental and Applied Acarology* 61(4): 387-401.
21. **Pappas M.L.**, Migkou F. and G.D. Broufas 2013. Incidence of resistance to neonicotinoid insecticides in greenhouse populations of the whitefly, *Trialeurodes vaporariorum* (Hemiptera: Aleyrodidae) from Greece. *Applied Entomology and Zoology* 48(3): 373-378.
22. **Pappas M.L.**, Broufas G.D., Tsarsitalidou O. and D.S. Koveos 2011. Development and reproduction of the lacewings *Dichochrysa flavifrons* and *Dichochrysa zelleri* fed on eggs of *Ephestia kuehniella* and nymphs of *Acyrtosiphon pisum*. *Annals of the Entomological Society of America* 104(4): 726-732.
23. **Pappas M.L.**, Broufas G.D. and D.S. Koveos 2011. Chrysopid predators and their role in biological control. *Journal of Entomology* 8: 301-326 (invited).
24. **Pappas M.L.** and D.S. Koveos 2011. Life-history traits of the predatory lacewing *Dichochrysa prasina* (Neuroptera: Chrysopidae): temperature - dependent effects when larvae feed on nymphs of *Myzus persicae* (Homoptera: Aphididae). *Annals of the Entomological Society of America* 104(1): 43-49.
25. **Pappas M.L.**, Broufas G.D., Koufali N., Pieri P. and D.S. Koveos 2011. Effect of heat stress on survival and reproduction of the olive fruit fly *Bactocera (Dacus) oleae*. *Journal of Applied Entomology* 135: 359-366.
26. **Pappas M.L.**, Broufas G.D. and D.S. Koveos 2009. Effect of prey availability on development and reproduction of the predatory lacewing *Dichochrysa prasina* (Neuroptera: Chrysopidae). *Annals of the Entomological Society of America* 102(3): 437-444.
27. Broufas G.D., **Pappas M.L.** and D.S. Koveos 2009. Effect of relative humidity on reproduction, longevity and ovarian maturation of the tephritid fly *Bactocera (Dacus) oleae*. *Annals of the Entomological Society of America* 102(1): 70-75.
28. Broufas G.D., **Pappas M.L.**, Vassiliou G. and D.S. Koveos 2008. Toxicity of certain pesticides to the predatory mite *Euseius finlandicus* (Acari: Phytoseiidae). *IOBC wprs Bulletin* Vol. 35, 85-91.

29. **Pappas M.L.**, Broufas G.D. and D.S. Koveos 2008. The two spotted spider mite, *Tetranychus urticae* (Acari: Tetranychidae), alternative prey for the lacewing *Dichochrysa prasina* (Neuroptera: Chrysopidae). *European Journal of Entomology* 105: 461-466.
30. **Pappas M.L.**, Broufas G.D. and D.S. Koveos 2008. Effect of relative humidity on development, survival and reproduction of the predatory lacewing *Dichochrysa prasina* (Neuroptera: Chrysopidae). *Biological Control* 46: 234-241.
31. **Pappas M.L.**, Broufas G.D. and D.S. Koveos 2008. Effect of temperature on survival, development and reproduction of the predatory lacewing *Dichochrysa prasina* (Neuroptera: Chrysopidae) reared on *Ephestia kuehniella* eggs (Lepidoptera: Pyralidae). *Biological Control* 45: 396-403.
32. **Pappas M.L.**, Broufas G.D. and D.S. Koveos 2007. Effect of mating frequency on fecundity and longevity of the predatory mite *Kampimodromus aberrans* (Acari: Phytoseiidae) *Experimental and Applied Acarology* 43(3): 161-170.
33. Broufas G.D., **Pappas M.L.** and D.S. Koveos 2007. Development, survival and reproduction of the predatory mite *Kampimodromus aberrans* (Acari: Phytoseiidae) at different constant temperatures. *Environmental Entomology* 36(4): 657-665.
34. **Pappas M.L.**, Broufas G.D. and D.S. Koveos 2007. Effects of various prey species on development, survival and reproduction of the predatory lacewing *Dichochrysa prasina* (Neuroptera: Chrysopidae). *Biological Control* 43: 163-170.
35. Broufas G.D., **Pappas M.L.** and D.S. Koveos 2006. Effect of cold exposure and photoperiod on diapause termination of the predatory mite *Euseius finlandicus* (Acari: Phytoseiidae). *Environmental Entomology* 35 (5): 1216-1221.
36. **Pappas M.L.**, Broufas G.D. and D.S. Koveos 2005. Mating behaviour of the predatory mite *Kampimodromus aberrans* (Acari: Phytoseiidae). *Experimental and Applied Acarology* 36: 187-197.

Book chapter

Pappas ML, Baptista P, Broufas GD, Dalakouras A, Djobbi W, Flors V, et al. (2020). Biological and Molecular Control Tools in Plant Defense. In *Plant Defence: Biological Control*, ed. by Mérillon J-M and Ramawat KG. Springer International Publishing, pp. 3-43.