

Curriculum vitae

Rumbos I. Christos

Assistant Professor

Department of Agriculture, University of Patras

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PERSONAL INFORMATION

Surname/Name	Rumbos Christos
Date of birth	23 December 1978
Place of birth	Volos, Greece
Nationality	Greek
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SUMMARY OF RESEARCH ACTIVITY

- **102 publications** in peer-reviewed journals, **4 book chapters**, **>100 announcements** in congresses and conferences
- **Cumulative Impact Factor: >400**
- **Citations: 1912** Google Scholar (G-index = 26, i10 = 55), **1269** Scopus (h-index = 21)
- **Associate/Topic/Review/Guest Editor** in *“Journal of Insects as Food and Feed”*, *“animal”*, *“Heliyon”*, *“Insects”*, *“Sustainability”*, *“Journal of Insect Science”*, *“animal”* and *“Frontiers in Physiology [Invertebrate Physiology]”*
- Researcher in **>20 research projects**
- Extensive **teaching experience** in under-graduate and post-graduate level
- Broad **international network of research collaborators** [Deutsches Institut für Lebensmitteltechnik (DIL), Germany; Inagro, Belgium; University of Wageningen, The Netherlands; USDA-ARS, USA]
- **Experience in submission and implementation of national and international research proposals and projects** (LIFE, RIS-3, PRIMA, H2020 etc).

STUDIES

- 2001** **Agriculture Engineer**, Aristotle University of Thessaloniki, Greece
- 2006** **PhD, Rheinische Friedrich – Wilhelms University of Bonn**, Germany, Institute for Plant Diseases, Department of Phytopathology and Nematology in Soil Ecosystems
- 2013** **M.Sc, University of Thessaly**, School of Engineering, Department of Planning and Regional Development, Volos, Greece

WORKING EXPERIENCE

- 2024 – today** **Assistant Professor**
University of Patras, Department of Agriculture, 30200, Messolonghi, Greece
- 2011 – 2024** **Post-Doc Researcher**
University of Thessaly, Department of Agriculture, Crop Production and Rural Development, Laboratory of Entomology and Agricultural Zoology, Phytokou str., 38446, N. Ionia-Volos, Magnesia, Greece
- 2010 – 2011** Hellenic Ministry of Rural Development and Food, Regional Centre of Plant Protection and Quality Control of Magnesia, Volos, Greece, **Agronomist**
- 2007 – 2009** Centre for Research and Technology – Thessaly, Greece, Institute of Technology and Management of Agricultural Ecosystems, **Research Collaborator**
- 2003 – 2005** **Scientific Assistant**
Institute for Plant Diseases, Rheinische Friedrich – Wilhelms University of Bonn, Germany, Scientific Assistant

LANGUAGES

- English Certificate of Proficiency in English
- German Zertifikat Deutsch als Fremdsprache
- French Certificat de Langue Francaise

SCHOLARSHIPS

- Scholarship of the Greek State Scholarship Foundation (IKY) for Post-Doc Research (2008 – 2009)
- Scholarship of the German Academic Exchange Service (Deutscher Akademischer Austauschdienst, DAAD) for postgraduate research (2002 – 2003)
- Scholarships of the Greek State Scholarship Foundation (IKY) for undergraduate studies (1996 – 1997, 1997 – 1998 and 2000 – 2001)

RESEARCH PROJECTS (selected out of >20 projects)

1. CIPROMED - Circular and Inclusive utilisation of alternative PROteins in the MEDiterranean value chains. PRIMA Section 1 Call 2022. Post-Doc Researcher
2. ADVAGROMED - Advanced agroecological approaches based on the integration of insect farming with local field practices in Mediterranean countries. PRIMA, Section 2 Multi topics Call 2021. Post-Doc Researcher
3. AWARE - Aquaponics from WAstewater Reclamation, Horizon 2021-2027. Post-Doc Researcher
4. LIFE eGYMER - Using smart traps and pheromones to control the gypsy moth: ecofriendly control in practice. LIFE+Environment. Post-Doc Researcher
5. LIFE Pisa - Innovative eco friendly traps for the control of Pine Lepidoptera in urban and recreational places". Post-Doc Researcher
6. Evaluation of the insecticidal effect of the combined application of entomopathogenic fungi and inert dusts against stored-product insects. Post-Doc Researcher (2014-2015, AgroETAK, Funded by Hellenic Agricultural Organization-DEMETER)
7. Integrated management of insect pests and microbial infestation during processing, storage and transportation of currants by using non-chemical, ecologically compatible methods: sustainability in practice. Post-Doc Researcher, PAVET.
8. Assessment of CARIFEND for insect control in stored tobacco. Post-Doc Researcher. Privately funded.

TEACHING

Aquatic Entomology (2007-today), Zoology (2008-2012), Ecology (2015-today), Orchard Plant Protection (2009-2010), Pesticide Science (2024-2025), Plant Protection (2024-2025)

REVIEWER of international scientific journals:

Since 2009 I have served as reviewer for >130 manuscripts in >40 peer-reviewed journals, most of them listed below:

Agricultural Systems, Agriculture, Agronomy, Animal Nutrition, Animals, Antioxidants, Arthropoda, Biocontrol Science and Technology, Biology, Brazilian Archives of Biology and Technology, Bulletin of Insectology, Crop Protection, Entomology, European Journal of Plant Pathology, Experimental and Applied Acarology, Food Research International, Foods, Frontiers in Sustainable Food Systems, Frontiers in Veterinary Science, Genes, Heliyon, Insects, Industrial Crops and Products, International Journal of Food properties, International Journal of Pest Management, Journal of Agricultural and Urban Entomology, Journal of Animal and Feed Sciences, Journal of Applied Entomology, Journal of Economic Entomology, Journal of Insects as Food and Feed, Journal of Insect Science, Journal of Invertebrate Pathology, Journal of Pest Science, Journal of Phytopathology, Journal of Stored Products Research, Microorganisms, Pathogens, Pest Management Science, Physiological Entomology, Plants, Scientific Reports, Sustainability, Waste Management, Pakistan Journal of Nematology

ASSOCIATE/TOPIC/SPECIAL ISSUE EDITOR/EDITORIAL BOARD MEMBER



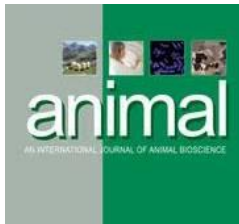
Associate Editor in “*Journal of Insects as Food and Feed*”

Since June 2022 I serve as **Associate Editor** in “ *Journal of Insects as Food and Feed*” (Wageningen Academic Publishers) for the following subjects:
mass production, rearing, waste streams



Associate Editor in “*Heliyon*”

Since September 2023 I serve as **Associate Editor** in “*Heliyon*” (CellPress) in Section “*Agriculture*” for the following subject: **plant parasitic nematodes, crop protection, stored-product insects management, post-harvest entomology, insect rearing, insects as Food and Feed**



Deputy Subject Editor in “*animal*”

Since October 2024 I serve as **Deputy Subject Editor** in “*animal*” (Elsevier) in Section “*Insects*”



Topic Editor in “*Insects*”

Since March 2020 I serve as **Topic Editor** in “*Insects*” (MDPI) for the following subjects: **edible insects, insect farming, insects as food and feed, stored-product insects, post-harvest entomology**



Topic Editor in “*Sustainability*”

Since June 2020 I serve as **Topic Editor** in “*Sustainability*” (MDPI) for the following subjects: **edible insects, insect farming, insects as food and feed, stored-product insects, post-harvest entomology**



Review Editor in “*Frontiers in Physiology: Invertebrate Physiology*”

Since March 2021 I serve as **Review Editor** in “*Frontiers in Physiology : Invertebrate Physiology*”



JOURNAL OF INSECT SCIENCE

Guest Editor in a Special Issue for the “*Journal of Insect Science*”

From September 2019 until February 2021 I served as Guest Editor for a **Special Issue** in the “*Journal of Insect Science*” (Oxford Academic, Entomological Society of America) entitled: “**Insects for Food and Feed: if you can’t beat them, eat them!**”

<https://academic.oup.com/jinsectscience/pages/call-for-papers-insects-as-food-and-feed>



sustainability

Leading Guest Editor in a Special Issue in “*Sustainability*”

From March 2021 until May 2022 I served as Guest Editor for a Special Issue in the journal of “**Sustainability**” (MDPI) entitled: “**Sustainable Insect Farming: Feed the Future**”

https://www.mdpi.com/journal/sustainability/special_issues/insect_farming_future



insects

Leading Guest Editor in a Special Issue in “*Insects*”

Since August 2023 I serve as **Leading Guest Editor in a Special Issue** for “*Insects*” (MDPI) entitled: “**Chemical and Non-chemical Control in Stored Product Protection: Modern Methods for Old Problems**”

https://www.mdpi.com/journal/insects/special_issues/Y9124BB6DO

PUBLICATIONS

I. BOOK CHAPTERS

1. Athanassiou C.G., Rumbos C.I. 2018. “Emerging Pests in Durable Stored Products”. In: *Recent Advances in Stored Product Protection*, Athanassiou C.G., Arthur F.A. (Eds.), pp. 211-227.
2. Shahina F., Salma J., Rumbos C.I., Athanassiou C.G. 2017. Control of Stored Grain Pests by Entomopathogenic Nematodes. In: *Biocontrol Agents: Entomopathogenic and Slug Parasitic Nematodes*, Abd-Elgawad M.M.M., Askary T.H., Coupland J. (Eds.), pp. 208-222.
3. Rumbos I.C., Athanassiou G.C. 2023. Feed additives for insect production. In: *Sustainable Use of Feed Additives in Livestock*, Giannenas I., Arsenos G. (Eds.), Springer. In press.

4. Psarianos M., Baliota G., Rumbos C.I., Athanassiou C.G., Ojha S., Schlüter O. 2023. Insect processing for chitin production. In: *Sustainable Use of Feed Additives in Livestock*, Garcia-Vaquero M., Alvarez C. (Eds.), Elsevier. In press.

II. PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. Rumbos C., Sikora R.A., Kiewnick S. 2003. Risk assessment of biocontrol products: A semi selective medium for improving quantitative isolation of *Paecilomyces lilacinus* (strain 251) from soil. *Communications in Agricultural and Applied Biological Sciences* 68, 145-148.
2. Kiewnick S., Rumbos C. and R. A. Sikora 2005. Risikoabschätzung von biologischen Pflanzenschutzmitteln Persistenz von *Paecilomyces lilacinus* Stamm 251 unter Freilandbedingungen (Risk assessment of biological control products). *Gesunde Pflanzen* 57, 163-166. <https://doi.org/10.1007/s10343-005-0077-8>
3. Rumbos C., Reimann S., Kiewnick S and Sikora R. A. 2006. Interactions of *Paecilomyces lilacinus* strain 251 with the mycorrhizal fungus *Glomus intraradices*: implications for *Meloidogyne incognita* control on tomato. *Biocontrol Science and Technology* 16, 981-986. <https://doi.org/10.1080/09583150600937667>
4. Rumbos C. and Kiewnick S. 2006. Effect of plant species on the persistence of *Paecilomyces lilacinus* strain 251 and root colonization by the fungus. *Plant and Soil* 283, 25-31. <https://doi.org/10.1007/s11104-005-6804-1>
5. Rumbos C., Mendoza A., Kiewnick S. and Sikora R.A. 2007. Effect of *Paecilomyces lilacinus* strain 251 on the survival and virulence of entomopathogenic nematodes under laboratory conditions. *Nematologia Mediterranea* 35, 103-107.
6. Rumbos C., Mendoza A., Sikora R. and Kiewnick S. 2008. Persistence of the nematophagous fungus *Paecilomyces lilacinus* strain 251 in soil under controlled conditions. *Biocontrol Science and Technology* 18, 1041-1050. <https://doi.org/10.1080/09583150802526979>)

7. Rumbos C., Stamopoulos D., Georgoulas G. and Nikolopoulou E. 2010. Factors affecting leaf litter decomposition by *Micropterna sequax* (Trichoptera: Limnephilidae). International Review of Hydrobiology 95, 383-394. <https://doi.org/10.1002/iroh.201011236>
8. Rumbos C., Khah E.M. and Naved S. 2011. Response of local and commercial tomato cultivars and rootstocks to *Meloidogyne javanica* infestation. Australian Journal of Crop Science 5, 1388-1395.
9. Vagelas I., Rumbos C. and Tsiantos I. 2012. Variation in disease development among persian walnut cultivars, selections and crosses when inoculated with *Xanthomonas arboricola* pv. *juglandis* in Greece. Journal of Plant Pathology 94, 57-61. <http://dx.doi.org/10.4454/jpp.v94i1sup.010>
10. Rumbos C. and Athanassiou C.G. 2012. Insecticidal effect of six entomopathogenic nematode strains against *Lasioderma serricorne* (F.) (Coleoptera: Anobiidae) and *Tribolium confusum* Jacquelin du Val (Coleoptera: Tenebrionidae). Journal of Stored Products Research 50, 21-26. <https://doi.org/10.1016/j.jspr.2012.02.003>
11. Rumbos C., Dutton A.C. and Athanassiou C.G. 2013. Comparison of two pirimiphos-methyl formulations against major stored-product insect species. Journal of Stored Products Research 55, 106-115. <https://doi.org/10.1016/j.jspr.2013.08.003>
12. Rumbos C. and Kungolos A. 2014. Evaluation of water quality of a mountainous stream (Pelion, Central Greece) using benthic macroinvertebrates. Fresenius Environmental Bulletin 23, 2904-2908.
13. Rumbos C., Dutton A.C. and Athanassiou C.G. 2014. Efficacy of two formulations of pirimiphos-methyl as surface treatment against *Sitophilus granarius* (L.), *Rhyzopertha dominica* (F.) and *Tribolium confusum* Jacquelin du Val. Journal of Pest Science 87, 507-519. <https://doi.org/10.1007/s10340-014-0599-x>
14. Rumbos C.I., Sakka M., Berillis P., Athanassiou C.G. 2016. Insecticidal potential of zeolite formulations against three stored-grain insects, particle size effect, adherence to kernels and influence on test weight of grains. Journal of Stored Products Research 68, 93-101. <https://doi.org/10.1016/j.jspr.2016.05.003>

15. Athanassiou C.G., Rumbos C.I., Sakka M., Sotiroudas V. 2016. Insecticidal efficacy of phosphine fumigation at low pressure against major stored-product insect species in a commercial dried fig processing facility. *Crop Protection* 90, 177-185. <https://doi.org/10.1016/j.cropro.2016.08.017>
16. Athanassiou C.G., Chiou A., Rumbos C.I., Karagiannis A., Nikolidaki E.K., Panagopoulou E.A., Kouvelas A., Karathanos V.T. 2016. Effects of electric infrared heating with light source penetration on microbial and entomological loads of dried currants and their organoleptic characteristics. *Journal of Pest Science* 89, 931-943. <https://doi.org/10.1007/s10340-015-0727-2>
17. Athanassiou C.G., Rumbos C.I., Sakka M.K., Vayias B.J., Stephou V.K., Nakas C.T. 2016. Insecticidal effect of the combined application of spinosad, *Beauveria bassiana* and diatomaceous earth for the control of *Tribolium confusum*. *Biocontrol Science and Technology* 26, 809-819. <https://doi.org/10.1080/09583157.2016.1159657>
18. Rumbos C.I., Dutton A.C., Athanassiou C.G. 2016. Insecticidal efficacy of two pirimiphos-methyl formulations for the control of three stored-product beetle species: Effect of commodity. *Crop Protection* 80, 94-100. <https://doi.org/10.1016/j.cropro.2015.10.002>
19. Athanassiou C.G., Kavallieratos N.G., Rumbos C.I., Kontodimas D.C. 2017. Influence of temperature and relative humidity on the insecticidal efficacy of *Metarhizium anisopliae* against larvae of *Ephestia kuehniella* (Lepidoptera: Pyralidae) on wheat. *Journal of Insect Science* 17, 22. <https://doi.org/10.1093/jisesa/iew107>
20. Rumbos C.I., Athanassiou C.G. 2017. Use of entomopathogenic fungi for the control of stored-product insects: can fungi protect durable commodities? *Journal of Pest Science* 90, 839-854. <https://doi.org/10.1007/s10340-017-0849-9>
21. Ntalli N., Monokrousos N., Rumbos C., Kontea D., Zioga D., Argyropoulou M.D., Menkissoglu-Spirodi U., Tsiropoulos N.G. 2017. Greenhouse biofumigation with *Melia azedarach* controls *Meloidogyne* spp. and enhances soil biological activity. *Journal of Pest Science* 91, 29-40. <https://doi.org/10.1007/s10340-017-0909-1>
22. Athanassiou C.G., Chiou A., Rumbos C.I., Sotiroudas V., Sakka M., Nikolidaki E.K., Panagopoulou E.A., Kouvelas A., Katechaki E., Karathanos V.T. 2017. Effect of nitrogen in combination with

elevated temperatures on insects, microbes and organoleptic characteristics of stored currants. Journal of Pest Science 90, 557-567. <https://doi.org/10.1007/s10340-016-0806-z>

23. Athanassiou C.G., Rumbos C.I., Sakka M., Potin O., Storm C., Dillon A.B. 2017. Delivering *Beauveria bassiana* with electrostatic powder for the control of stored-product beetles. Pest Management Science 73, 1725-1736. <https://doi.org/10.1002/ps.4522>
24. Rumbos C.I., Athanassiou C.G. 2017. The use of entomopathogenic nematodes in the control of stored-product insects. Journal of Pest Science 90, 39-49. <https://doi.org/10.1007/s10340-016-0795-y>
25. Michaelakis A., Papachristos D.P., Rumbos C.I., Athanassiou C.G. 2017. Effect of the combined application of microencapsulated synthetic oviposition pheromone (MSP) with different larvicidal agents on the oviposition of *Culex pipiens* biotype *molestus*. Pest Management Science 74, 392-397. <https://doi.org/10.1002/ps.4719>
26. Rumbos C.I., Dutton A.C., Athanassiou C.G. 2018. Insecticidal effect of spinetoram and thiamethoxam applied alone or in combination for the control of major stored-product beetle species. Journal of Stored Products Research 75, 56-63. <https://doi.org/10.1016/j.jspr.2017.10.004>
27. Kavallieratos N.G., Athanassiou C.G., Boukouvala M.C., and Rumbos C.I. 2018. Acaricidal effect of three zeolite formulations on different life stages of *Tyrophagus putrescentiae* (Schrank) and *Acarus siro* L. (Sarcoptiformes: Acaridae). Journal of Stored Products Research 78, 39-44. <https://doi.org/10.1016/j.jspr.2018.05.008>
28. Colacci M., Kavallieratos N.G., Athanassiou C.G., Boukouvala M.C., Rumbos C.I., Kontodimas D.C., Pardo D., Sancho J., Benavent-Fernández E., Gálvez-Settler S., Sciarretta A., Trematerra P. 2018. Management of the pine processionary moth, *Thaumetopoea pityocampa* (Lepidoptera: Thaumetopoeidae), in urban and suburban areas: Trials with trunk barrier and adhesive barrier trap devices. Journal of Economic Entomology 111, 227-238. <https://doi.org/10.1093/jee/tox270>
29. Baliota G., Rumbos C.I., Athanassiou G.C. 2018. From lethality to mortality: exploring the “grey area” of knockdown as an efficacy indicator of different insecticides against major storage

insects using a lethality index. *Journal of Pest Science* 91, 1371–1380.
<https://doi.org/10.1007/s10340-018-0983-z>

30. Athanassiou C.G., Kavallieratos N.G., Rumbos C.I., Stavropoulos D.J., Boukouvala M.C., Nika E.P. 2018. Laboratory studies on the behavioral responses of *Tribolium confusum* and *Ephestia kuehniella* to surfaces treated with diatomaceous earth and spinosad formulations. *Journal of Pest Science* 91, 299-311. <https://doi.org/10.1007/s10340-017-0908-2>
31. Rumbos C.I., Sakka M., Schaffert S., Sterz T., Austin J.W., Bozoglou C., Klitsinaris P., Athanassiou C.G. 2018. Evaluation of Carifend®, an alpha-cypermethrin-coated polyester net, for the control of *Lasioderma serricorne* and *Ephestia elutella* in stored tobacco. *Journal of Pest Science* 91, 751-759. <https://doi.org/10.1007/s10340-017-0947-8>
32. Rumbos C.I., Dutton A.C., Tsiropoulos N.G., Athanassiou C.G. 2018. Persistence and residual toxicity of two pirimiphos-methyl formulations on wheat against three stored-product pests. *Journal of Stored Products Research* 76, 14-21. <https://doi.org/10.1016/j.jspr.2017.10.011>
33. Rumbos C.I., Karapanagiotidis I.T., Mente E., Athanassiou C.G. 2019. The lesser mealworm *Alphitobius diaperinus*: a noxious pest or a promising nutrient source? *Reviews in Aquaculture* 11, 1418-1437. <https://doi.org/10.1111/raq.12300>
34. Karanika C., Rumbos C.I., Agrafioti P., Athanassiou C.G. 2019. Insecticidal efficacy of a binary combination of cyphenothrin and prallethrin, applied as surface treatment against four major stored product insects. *Journal of Stored Products Research* 80, 41-49. <https://doi.org/10.1016/j.jspr.2018.10.008>
35. Athanassiou C.G., Rumbos C.I., Stephou V.K., Sakka M., Schaffert S., Sterz T., Bozoglou C., Klitsinaris P., Austin J.W. 2019. Field evaluation of Carifend® net for the protection of stored tobacco from storage insect pests. *Journal of Stored Products Research* 81, 46-52. <https://doi.org/10.1016/j.jspr.2018.12.005>
36. Trematerra P., Colacci M., Athanassiou C.G., Kavallieratos N.G., Rumbos C.I., Boukouvala M.C., Nikolaidou A.J., Kontodimas D.C., Benavent-Fernández E., Gálvez-Settler S. 2019. Evaluation of mating disruption for the control of *Thaumetopoea pityocampa* (Lepidoptera:

- Thaumetopoeidae) in suburban recreational areas in Italy and Greece. *Journal of Economic Entomology* 112, 2229-2235. <https://doi.org/10.1093/jee/toz129>
37. Gourgouta M., Rumbos C.I., Athanassiou C.G. 2019. Residual toxicity of a commercial cypermethrin formulation on grains against four major storage beetles. *Journal of Stored Products Research* 83, 103-109. <https://doi.org/10.1016/j.jspr.2019.05.001>
38. Rumbos C.I., Pantazis I., Athanassiou C.G. 2019. Population growth of *Alphitobius diaperinus* (Coleoptera: Tenebrionidae) on various commodities. *Journal of Economic Entomology* 113, 1001-1007. <https://doi.org/10.1093/jee/toz313>
39. Michaelakis A., Papachristos D., Rumbos C.I., Giovanni B., Athanassiou C.G. 2020. Larvicidal activity of spinosad and its impact on oviposition preferences of the West Nile vector *Culex pipiens* biotype *molestus* – A comparison with a chitin synthesis inhibitor. *Parasitology International* 74, 101917. <https://doi.org/10.1016/j.parint.2019.04.014>
40. Rumbos C.I., Athanassiou C.G. 2020. Assessment of selected larvicides for the control of *Culex pipiens* biotype *pipiens* and *Culex pipiens* biotype *molestus* under laboratory and semi-field conditions. *Pest Management Science* 76, 3568-3576. <https://doi.org/10.1002/ps.5847>
41. Paloukas Y.Z., Agrafioti P., Rumbos C.I., Schaffert S., Sterz T., Bozoglou C., Klitsinaris P., Austin J.W., Athanassiou C.G. 2020. Evaluation of Carifend® for the control of stored-product beetles. *Journal of Stored Products Research* 85, 101534. <https://doi.org/10.1016/j.jspr.2019.101534>
42. Rumbos C.I., Rigopoulou M., Athanassiou C.G. 2020. Are insect meals prone to insect infestation during storage? Development of major storage insects on substrates based on *Tenebrio molitor* larvae meal. *Journal of Pest Science* 93, 1359–1367. <https://doi.org/10.1007/s10340-020-01228-4>
43. Rumbos C.I., Karapanagiotidis I.T., Mente E., Psafakis P., Athanassiou C.G. 2020. Evaluation of various commodities for the development of the yellow mealworm, *Tenebrio molitor*. *Scientific Reports* 10, 11224. <https://doi.org/10.1038/s41598-020-67363-1>
44. Rumbos C.I., Athanassiou C.G. 2021. The superworm, *Zophobas morio* (Coleoptera:Tenebrionidae): a ‘sleeping giant’ in nutrient sources. *Journal of Insect Science* 21, 13. <https://doi.org/10.1093/jisesa/ieab014>

45. Rumbos C.I., Athanassiou C.G. 2021. Insects as Food and Feed: if you can't beat them, eat them!"- To the magnificent seven and beyond. *Journal of Insect Science* 21, 9. <https://doi.org/10.1093/jisesa/ieab019>
46. Rumbos C.I., Bliamplias D., Michail V., Athanassiou C.G. 2021. Rearing *Tenebrio molitor* and *Alphitobius diaperinus* larvae on seed cleaning process byproducts. *Insects* 12, 293. <https://doi.org/10.3390/insects12040293>
47. Deruytter D., Rumbos C., Athanassiou C., 2021. Insect infestations in mealworm farming: the case of the pyralid moths. *Journal of Insects as Food and Feed* 7, 1183 – 1194. <https://doi.org/10.3920/JIFF2021.0029>
48. Rumbos C.I., Adamaki-Sotiraki C., Gourgouta M., Karapanagiotidis I.T., Asimaki A., Mente E., Athanassiou C.G. 2021. Strain matters: Strain effect on the larval growth and performance of the yellow mealworm, *Tenebrio molitor*. *Journal of Insects as Food and Feed* 7, 1195 – 1205. <https://doi.org/10.3920/JIFF2021.0035>
49. Rumbos C.I., Oonincx D.G.A.B., Karapanagiotidis I.T., Vrontaki M., Gourgouta M., Asimaki A., Mente E., Athanassiou C.G. 2021. Agricultural byproducts from Greece as feed for yellow mealworm larvae: circular economy at local level. *Journal of Insects as Food and Feed* 8, 9-22. <https://doi.org/10.3920/JIFF2021.0044>
50. Agrafioti P., Arvanitakis G., Rumbos C.I., Athanassiou C.G. 2021. Residual efficacy of an insecticide-coated net for the control of stored product beetles. *Journal of Stored Products Research* 93, 101824. <https://doi.org/10.1016/j.jspr.2021.101824>
51. Adamaki-Sotiraki C., Rumbos C.I., Athanassiou C.G. 2021. Developmental plasticity among strains of the yellow mealworm, *Tenebrio molitor* L., under dry conditions. *Journal of Insects as Food and Feed* 8, 281-288. <https://doi.org/10.3920/JIFF2021.0087>
52. Rumbos C.I., Mente E., Karapanagiotidis I.T., Vlontzos G., Athanassiou C.G. 2021. Insect-based feed ingredients for aquaculture: a case study for their acceptance in Greece. *Insects* 12, 586. <https://doi.org/10.3390/insects12070586>
53. Kotsou K., Rumbos C.I., Baliota G.V., Gourgouta M., Athanassiou C.G. 2021. Influence of temperature, relative humidity and protein content on the growth and development of larvae of

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