



Asst. Prof. Mehmet Ramazan Rişvanlı

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International Researcher IDs

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Biography

Mehmet Ramazan Rişvanlı received Bachelor's degree (2012): Kahramanmaraş Sütcü Imam University, Faculty of Agriculture, Department of Plant Protection, Kahramanmaraş, Turkey. MSc degree (2015): Kahramanmaraş Sütcü Imam University, Institute of Science, Department of Entomology, Kahramanmaraş, Turkey.

Current status: Asst. Prof.

Research interests: Insect ecology, interactions between plants, microbes, and arthropods

Certificates, Courses and Trainings

- I. Science and Technology Policy, Scope of TÜBİTAK ULAKBİM + WILEY Free Open Access Article Publication Agreement, John Wiley & Sons, Inc., Wiley, 2024
- II. Other, Tarımsal Yayım Ve Danışmanlık Sertifikası, T.C. GIDA TARIM VE HAYVANCILIK MÜDÜRLÜĞÜ, 2012
- III. Other, Bitki Koruma Ürünleri Bayi veya Toptancılık Sertifikası, T.C. GIDA TARIM VE HAYVANCILIK MÜDÜRLÜĞÜ, 2012

Dissertations

- I. Doctorate, Determination of Population Performance and Feeding Capacity of *Spodoptera exigua* on *Trichoderma harzianum* Applied Potato and Cotton Plant, Van Yüzüncü Yil University, Fen Bilimleri Enstitüsü, 2022
- II. Postgraduate, Determination of Residual Contact Toxicity of Spinosyn Insecticide, Spinetoram Against American Cockroach (*Periplaneta Americana*) 3-4. Nymph Stages and Adults, Kahramanmaraş Sütcü Imam University, Faculty of Agriculture, Plant Protection /Entomology, 2015

Research Areas

Academic Titles / Tasks

- I. Research Assistant, Van Yüzüncü Yil University, Ziraat Fakültesi, Bitki Koruma Bölümü, 2016 - Continues

Courses

- I. Plant Microbe & Insect Interactions, Postgraduate, 2023 - 2024

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The effects of different Charleston pepper cultivars on the demographic parameters and the antioxidant levels of *Myzus persicae* (Sulzer, 1776) (Hemiptera: Aphididae)**
Özgökçe M., Kusoglu D., Konus M., Kara H., Rişvanlı M. R., Çetin D.
TURKIYE ENTOMOLOJİ DERGİSİ-TURKISH JOURNAL OF ENTOMOLOGY, vol.47, no.2, pp.133-147, 2023 (SCI-Expanded)
- II. **Innovative application of set theory, Cartesian product, and multinomial theorem in demographic research**
Chi H., Kara H., Özgökçe M. S., Atlıhan R., Günçan A., Rişvanlı M. R.
Entomologia Generalis, vol.42, no.6, pp.863-874, 2022 (SCI-Expanded)
- III. **A more refined mathematical model for the Mycorrhiza-potato plant-Colorado potato beetle interactions**
Seminara M., Atlıhan R., Britton N. F., Demir S., Rişvanlı M. R., Venturino E.
ECOLOGICAL COMPLEXITY, vol.46, 2021 (SCI-Expanded)

Articles Published in Other Journals

- I. **Distribution and DNA Barcoding of Anomalini Beetles (Coleoptera: Scarabaeidae: Rutelinae) in Wheat Fields of Van, Türkiye**
Özgökçe M. S., Göksugüzel G., Kara H., Rişvanlı M. R., Doğaç M.
Yuzuncu Yil University Journal of Agricultural Sciences, vol.34, no.2, pp.271-285, 2024 (Scopus)
- II. **Adult Population Dynamics of the European Grapevine Moth [*Lobesia botrana* Denis & Schiffermüller (Lepidoptera: Tortricidae)] in Midyat Vineyards**
Argış F., Rişvanlı M. R., Atlıhan R.
Yüzüncü Yıl Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.28, no.3, pp.1155-1163, 2023 (Peer-Reviewed Journal)
- III. **Can symbiotic fungi protect plants from insect pests? A simple mathematical model**
Atlıhan R., Britton N., Demir S., Papisidero A., Rişvanlı M. R., Seminara M., Venturino E.
Computational and Mathematical Methods, pp.1-16, 2020 (ESCI)

Books & Book Chapters

- I. **Nanotechnology: A New Frontier in Sustainable Agricultural Pest and Disease Management**
Sabbour M. M. A., Rişvanlı M. R., Boyno G.

in: Nanotechnology and Plant Disease Management, Irshad Mahmood, Rizwan Ali Ansari, Rose Rizvi, Editor, Crc Press-Taylor & Francis Group, London, pp.1-22, 2024

II. **Bio-Nanomaterials: The Next-Generation Weapon against Plant-Parasitic Nematodes in Commercial Crops**

Boyno G., Rişvanlı M. R., El-Abeid S. E., Mosa M. A., Ibrahim D. S. S.

in: Nanotechnology and Plant Disease Management, Irshad Mahmood, Rizwan Ali Ansari, Rose Rizvi, Editor, Crc Press-Taylor & Francis Group, London, pp.1-26, 2024

III. **Using Stored-Product Pest in Feeding Fish Larvae Culture: A Focus on Mealworm**

Sepil A., Rişvanlı M. R., Karataş B.

in: Advancements in Aquaculture: Sustainable Practices, Innovations, and Applications, Aysun KOP, Boran KARATAŞ, Editor, İksad Yayınevi, Ankara, pp.267-278, 2023

IV. **Bitki - Trichoderma - Böcek İlişkileri**

Rişvanlı M. R., Özgökçe M. S., Atlıhan R.

in: Bitkilerde Stres Direncini Artırma Yöntemleri, Abdurrahim YILMAZ, Hilal YILMAZ, Editor, İksad Yayınevi, Ankara, pp.153-178, 2023

Refereed Congress / Symposium Publications in Proceedings

I. **Beneficial Soil-Born Microorganisms for Weed and Insect Pest Management in Agriculture: Potential and Limitations**

Rişvanlı M. R., Fidan E.

7. INTERNATIONAL FOOD, AGRICULTURE AND VETERINARY SCIENCES CONGRESS, Adana, Turkey, 20 - 21 August 2024, pp.249-255

II. **Soil Structure, Plant and Arthropod Pest Interactions and Integrated Pest Management Strategies in Van Province**

Rişvanlı M. R., Özgökçe M. S.

International Vision Van Congress, Van, Turkey, 8 - 09 February 2024, pp.314

III. **The adult population change of european grapevine moth [*Lobesia bohrana* (Denis & Schiffermüller) (Lepidoptera: Tortricidae)] at the vineyards in Midyat**

Argış F., Rişvanlı M. R., Atlıhan R.

9. International Conference on Agriculture, Animal Sciences and Rural Development, Burdur, Turkey, 19 - 20 March 2022, pp.157

IV. **Assessment of Using Three-Way Interactions Between Plants, Microbes and Arthropods in Pest Management: A Case Study of the Three-Way Interaction Between Potato Plant, Mycorrhizal Fungi and Colorado Potato Beetle**

Atlıhan R., Demir S., Rişvanlı M. R.

Ecology and Evolutionary Biology Symposium, Ankara, Turkey, 10 - 12 July 2019, pp.35

V. **Using Three-Way Interactions Between Plants, Microbes and Arthropods to Enhance Crop Resistance To Insect Pests; A Case Study of the Colorado Potato Beetle on Potato Plants Inoculated by Arbuscular Mycorrhizal Fungi**

Atlıhan R., Demir S., Rişvanlı M. R.

I. International Agricultural Science Congress, Van, Turkey, 9 - 12 May 2018, pp.444

VI. **Determination of residual contact toxicity of semi-synthetic spinosyn insecticide, Spinetoram, against 3-4 nymph stages of American cockroaches, *Periplaneta americana* L.**

Rişvanlı M. R., Sağlam Ö., Tunaz H., Işıkber A. A., Özcan K., Er M. K.

IOBC/wprs (OILB/srop) , Ljubljana, Slovenia, 3 - 05 July 2017, pp.107

VII. ***Chrysoperla carnea* (Stephens) (Neuroptera: Chrysopidae)'nın Avlanma Oranına Sıcaklığın Etkisi**

KANTARCIOĞLU M., Özgökçe M. S., Atlıhan R., Rişvanlı M. R.

Türkiye VI. Bitki Koruma Kongresi, Konya, Turkey, 5 - 08 September 2016, pp.84

- VIII. **Determination of Residual Contact Toxicity of Semi-Synthetic Spinosyn Insecticide, Spinetoram Against Nymph and Adult of German Cockroaches, *Blattella germanica***
KÜÇÜKSARI F., TUNAZ H., IŞIKBER A. A., SAĞLAM Ö., Rişvanlı M. R.
International Conference on Biopesticide 7(ICOP7), Antalya, Turkey, 19 - 25 October 2015, pp.104

Supported Projects

- I. Özgökçe M. S., Başı F. H., Rişvanlı M. R., Kara H., Project Supported by Higher Education Institutions, Yonca hortumlu böceği *Hypera postica* Gyllenhal Coleoptera Curculionidaenın Van ili ve çevresindeki yonca alanlarında popülasyon değişimi ve doğal düşmanlarının moleküler karakterizasyon yöntemleriyle belirlenmesi, 2021 - 2023
- II. Atlıhan R., Erdinç Ç., Demirer Durak E., Önalın Ş., TUBITAK Project, Determination of plant-mediated effects of some commercial and local *Trichoderma* species on *Spodoptera exigua*, 2020 - 2022
- III. Atlıhan R., Erdinç Ç., Demirer Durak E., Rişvanlı M. R., Project Supported by Higher Education Institutions, *Trichoderma harzianum* Uygulanmış Patates ve Pamuk Bitkisi Üzerinde *Spodoptera exigua*'nın Popülasyon Performansı ve Beslenme Kapasitesinin Belirlenmesi, 2019 - 2022
- IV. Demir S., Rişvanlı M. R., ÖZDEMİR B., Arvas Ö., Kaya İ., Zorer Çelebi Ş., Ekin Z., Akköprü A., Taşkın B., Erdinç Ç., et al., Project Supported by Higher Education Institutions, International Agricultural Science Congress, 2017 - 2018

Activities in Scientific Journals

- I. Yuzuncu Yil University Journal of Agricultural Sciences,, Editor, 2021 - Continues

Scientific Refereeing

- I. BRAGANTIA, SCI Journal, July 2024
- II. Yüzüncü Yıl Üniversitesi Ziraat Fakültesi Tarım Bilimleri Dergisi, Other Indexed Journal, July 2023
- III. Journal of Agriculture, Other Indexed Journal, July 2023

Scholarships

- I. 2250-Lisansüstü Bursları, TUBITAK, 2022 - 2022
- II. TUBITAK 1001 (2190359) Araştırma Projesi, TUBITAK, 2020 - 2022
- III. COST Action: FA1405, Short Term Scientific Mission, European Commission, 2018 - 2018

Awards

- I. Rişvanlı M. R., TÜBA TEKNOFEST DOKTORA BİLİM ÖDÜLLERİ, Türkiye Bilimler Akademisi (Tüba), January 2024
- II. Rişvanlı M. R., COST Action: FA1405, Short Term Scientific Mission (COST-STSM-FA1405-39678), Cost, January 2018