



Res. Asst. PhD Mehmet Ramazan Rışvanlı

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International Researcher IDs

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Biography

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

Current status: Research assistant.

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

Foreign Languages

- I. English, B2 Upper Intermediate

Certificates, Courses and Trainings

- I. Other, Tarımsal Yayım Ve Danışmanlık Sertifikası, T.C. GIDA TARIM VE HAYVANCILIK MÜDÜRLÜĞÜ, 2012
- II. Other, Bitki Koruma Ürünleri Bayi veya Toptancılık Sertifikası, T.C. GIDA TARIM VE HAYVANCILIK MÜDÜRLÜĞÜ, 2012

Dissertations

- I. Doctorate, Trichoderma harzianum uygulanmış patates ve pamuk bitkisi üzerinde, Spodoptera exigua'nın popülasyon performansı ve beslenme kapasitesinin belirlenmesi, Van Yüzüncü Yıl University, Fen Bilimleri Enstitüsü, 2022
- II. Postgraduate, Spinosin insektisidi Spinetoram 'ın Amerikan Hamam Böceği (Periplaneta americana)'nın 3-4. dönem nimf ve ergin dönemine karşı residual kontak toksisitesinin belirlenmesi, Kahramanmaraş Sutcu İmam University, Ziraat Fakültesi, Bitki Koruma /Entomoloji , 2015

Research Areas

Agricultural Sciences, Agriculture, Plant Protection, Entomology, Insect Ecology and Epidemiology, Insect Systematics, Insect Control

Academic Titles / Tasks

- I. Research Assistant, Van Yüzüncü Yıl 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.
TÜRKİYE 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., Güncan 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. **Can symbiotic fungi protect plants from insect pests? A simple mathematical model**
Atlıhan R., Britton N., Demir S., Papasidero A., Rişvanlı M. R., Seminara M., Venturino E.
Computational and Mathematical Methods, pp.1-16, 2020 (ESCI)

Books & Book Chapters

- I. **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
- II. **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. **Midyat Bağ Alanlarında Salkım Güvesi Lobesia Botrana (Denis & Schiffermüller) (Lepidoptera: Tortricidae)]'nin Ergin Popülasyon Değişimi**
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
- II. **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
- III. **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
- IV. **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
- V. **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
- VI. **Determination of Residual Contact Toxicity of Semi-Synthetic Spinosyn Insecticide, Spinetoram Against Nymph and Adult of German Cockroaches, Blatella 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 Curculionidaenin 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., Önalan 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 Yıl University Journal of Agricultural Sciences,, Editor, 2021 - Continues

Scientific Refereeing

- I. Yüzüncü Yıl Üniversitesi Ziraat Fakültesi Tarım Bilimleri Dergisi, Other Indexed Journal, July 2023
- II. 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., Effects of arbuscular mycorrhizal fungi and plant growth promoting rhizobacteria combinations in the rhizosphere on tomato resistance to Spodoptera exigua, Cost , February 2018