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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAN-5430-2021

ScopusID: 57223851211

Yoksis Researcher ID: 241042

Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Bitki Koruma (Dr), Turkey 2016 - 2020

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Bitki Koruma (YI) (Tezli), Turkey 2013 - 2016

Undergraduate, Akdeniz University, Faculty Of Agriculture, Ziraat Mühendisliği Bölümü, Turkey 2008 - 2012

Dissertations

Doctorate, Ankara ve Konya illeri havuç ekim alanlarında virüs ve fitoplazma enfeksiyonlarının tespiti ve inokulum kaynaklarının belirlenmesi, Ankara University, Fen Bilimleri Enstitüsü, Bitki Koruma (Dr), 2021

Postgraduate, Ankara ili marul ekim alanlarında görülen virüs hastalıklarının belirlenmesi, Ankara University, Fen Bilimleri Enstitüsü, Bitki Koruma (YI) (Tezli), 2016

Research Areas

Agricultural Sciences, Agriculture, Plant Protection, Phytopathology, Virology

Academic Titles / Tasks

Research Assistant, Bilecik Seyh Edebali University, Ziraat Ve Doğa Bilimleri Fakültesi, 2015 - Continues

Courses

Bitki Virolojisi, Undergraduate, 2021 - 2022

Genel Mikrobiyoloji, Undergraduate, 2021 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

1. Insecticide resistance status and vector potential of *Bemisia tabaci* populations on vegetable crops

in Türkiye

İnak A., Demirci B., Erdem E., RANDA ZELYÜT F., KARANFİL A., İdan A. Y., TOPRAK U., İNAK E., Van Leeuwen T. Crop Protection, vol.190, 2025 (SCI-Expanded)

- II. **Genetic diversity and molecular variability of 'Candidatus Phytoplasma solani' based on multilocus sequence typing analysis in tomato plantations of western Turkey**
RANDA ZELYÜT F.
Physiological and Molecular Plant Pathology, vol.127, 2023 (SCI-Expanded)
- III. **Population structure and genetic diversity of tobacco mild green mosaic virus variants in Western Anatolia of Turkey**
KARANFİL A., RANDA ZELYÜT F., KORKMAZ S.
Physiological and Molecular Plant Pathology, vol.125, 2023 (SCI-Expanded)
- IV. **Population genetic dynamics of southern tomato virus from Turkey**
RANDA ZELYÜT F., Fox A., KARANFİL A.
Journal of Plant Pathology, vol.105, no.1, pp.211-224, 2023 (SCI-Expanded)
- V. **Phylogenetic and diversity analyses revealed that leek yellow stripe virus population consists of three types: S, L, and N**
Santosa A. I., RANDA ZELYÜT F., KARANFİL A., KORKMAZ S., Hartono S., ERTUNÇ F.
Virus Genes, vol.59, no.1, pp.121-131, 2023 (SCI-Expanded)
- VI. **Determination of potential insect vectors and subgroups of aster yellows phytoplasma in the carrot (Daucus carota L.) (Apiaceae) cultivation areas of Ankara and Konya Provinces, Türkiye Ankara ve Konya (Türkiye) illeri havuç (Daucus carota L.) (Apiaceae) ekim alanlarında aster yellows fitoplazmasının altgruplarının ve potansiyel böcek vektörlerinin belirlenmesi**
RANDA ZELYÜT F., İNAK E., Demir Özden E., ŞENAL D., ERTUNÇ F.
Türkiye Entomoloji Dergisi, vol.46, no.4, pp.385-398, 2022 (SCI-Expanded)
- VII. **Population structure and insecticide resistance status of Tuta absoluta populations from Turkey**
İNAK E., Özdemir E., Atış A. E., Randa Zelyüt F., İnak A., Demir Ü., Roditakis E., Vontas J.
Pest Management Science, vol.77, no.10, pp.4741-4748, 2021 (SCI-Expanded)

Articles Published in Other Journals

- I. **Investigation of viruses and phytoplasma infections in tomato plantations in Bilecik province, Türkiye**
RANDA ZELYÜT F., KARANFİL A., Santosa A. I.
International Journal of Agriculture, Environment and Food Sciences, vol.8, no.4, pp.786-796, 2024 (Peer-Reviewed Journal)
- II. **Determination of Benyvirus necrobetae (Beet Necrotic Yellow Vein Virus) Infection from Spinach Fields of South Marmara Region in Türkiye**
KARANFİL A., RANDA ZELYÜT F., KORKMAZ S.
International Journal of Nature and Life Sciences, vol.2, no.8, pp.132-137, 2024 (Peer-Reviewed Journal)
- III. **Evaluation of genetic diversity of tomato spotted wilt virus (TSWV) NSs gene region isolates at geographical level**
RANDA ZELYÜT F., KARANFİL A.
Eurasian Journal of Biological and Chemical Sciences, vol.7, no.2, pp.125-131, 2024 (Peer-Reviewed Journal)
- IV. **Full-genome characterization of Turkish Rose Yellow Vein Virus (RYVV) Isolates**
KARANFİL A., ZELYÜT F. R., KORKMAZ S.
Türk Tarım ve Doğa Bilimleri Dergisi, vol.11, no.4, pp.1143-1148, 2024 (Peer-Reviewed Journal)
- V. **First Report of cucumber mosaic virus in Zinnia elegans in Indonesia**
Zahra H. A., Defitra N. K., Probowati W., RANDA ZELYÜT F., Santosa A. I.
AUSTRALASIAN PLANT DISEASE NOTES, vol.19, no.27, pp.1-4, 2024 (ESCI)
- VI. **İris Bitkilerinde Potyvürüs Enfeksiyonlarının Durumu ve Moleküler Karakterizasyonu: Bilecik İli İris**

YetiŖen Alanlar, Trkiye

RANDA ZELYT F., KO M.

Trkiye Tarımsal AraŖtırmalar Dergisi, vol.11, no.1, pp.10-17, 2024 (Peer-Reviewed Journal)

- VII. **Gney Marmara Blgesi Kabakgil retim Alanlarında Cucumis melo endornavirus Enfeksiyonunun Belirlenmesi ve İzolatların Molekler Karakterizasyonu**
KARANFİL A., RANDA ZELYT F., KORKMAZ S.
TURKISH JOURNAL OF AGRICULTURAL AND NATURAL SCIENCE, vol.10, no.4, pp.1001-1008, 2023 (Peer-Reviewed Journal)
- VIII. **lkemiz Ttn retim Alanlarında Cucumber mosaic virus (CMV) Enfeksiyonunun Belirlenmesi ve Trk CMV izolatlarının Poplasyon Yapısı**
KARANFİL A., RANDA ZELYT F., KORKMAZ S.
TURKISH JOURNAL OF AGRICULTURAL AND NATURAL SCIENCE, vol.10, 2023 (Peer-Reviewed Journal)
- IX. **Status of virus and phytoplasma diseases in carrot growing areas of Ankara and Konya provinces, Turkey**
RANDA ZELYT F., ERTUN F., ŖENAL D.
ARCHIVES OF PHYTOPATHOLOGY AND PLANT PROTECTION, vol.56, pp.363-383, 2023 (ESCI)
- X. **'Candidatus Phytoplasma solani' (Subgroup 16SrXII-A) Associated with Nicotiana tabacum Leaf Abnormality in Turkey**
RANDA ZELYT F., SANTOSA A. I., KARANFİL A.
Journal of Tekirdag Agricultural Faculty, vol.19, no.3, pp.571-581, 2022 (Peer-Reviewed Journal)
- XI. **First report of natural infection of wild carrot by Watermelon mosaic virus in Turkey**
RANDA ZELYT F., KARANFİL A., SARI M., KORKMAZ S.
New Disease Reports, 2022 (Peer-Reviewed Journal)
- XII. **Balıkesir ve UŖak İlleri Ttn Ekim Alanlarında Potyvirus İzolatlarının Belirlenmesi ve Karakterizasyonu**
RANDA ZELYT F., KARANFİL A., KORKMAZ S.
ukurova Tarım ve Gıda bilimleri dergisi (Online), vol.37, no.1, pp.96-103, 2022 (Peer-Reviewed Journal)
- XIII. **The association of 16SrVI and 16SrI phytoplasma groups with carrot seeds and weeds in Ankara and Konya provinces in Turkey**
RANDA ZELYT F., ERTUN F., ŖENAL D.
Bitki Koruma Blteni, vol.62, pp.24-33, 2022 (Peer-Reviewed Journal)
- XIV. **First Insight into Genetic Variation and Population Structure of The Emerging Citrus chlorotic dwarf-associated virus (CCDaV, genus Citlodavirus)**
RANDA ZELYT F., Santosa A. I., KARANFİL A., Silva J. C. F.
Yuzuncu Yil University Journal of Agricultural Sciences, vol.32, no.3, pp.591-601, 2022 (Scopus)
- XV. **First report of Apium virus Y infecting Petroselinum crispum in Turkey**
KARANFİL A., SARI M., RANDA ZELYT F., SANTOSA . I., KORKMAZ S.
New Disease Reports, vol.45, no.1, pp.1-3, 2022 (Scopus)
- XVI. **rt Altı Sebze Hastalıkları**
RANDA ZELYT F.
TARIM TRK, 2020 (Non Peer-Reviewed Journal)
- XVII. **Virus diseases of lettuce in Ankara Province.**
ERTUN F., RANDA ZELYT F.
International Journal of Agriculture, Forestry and life sciences, vol.3, no.2, pp.202-206, 2019 (Peer-Reviewed Journal)
- XVIII. **First report of Rose yellow vein virus in Turkey**
KARANFİL A., RANDA ZELYT F., ERTUN F., KORKMAZ S.
New Disease Reports, vol.38, pp.11, 2018 (Scopus)
- XIX. **Molecular Characterization of Lettuce mosaic virus Isolates in Ankara Province**
RANDA ZELYT F., ERTUN F.
International Journal of Agriculture Innovations and Research, vol.6, no.5, pp.239-245, 2018 (Peer-Reviewed

Books & Book Chapters

I. Carrot

ERTUNÇ F., RANDA ZELYÜT F.

in: Viral Diseases of Field and Horticultural Crops, L. P. Awasthi, Editor, Elsevier, Academic Press, London, pp.495-504, 2023

Refereed Congress / Symposium Publications in Proceedings

I. Phytoplasma Presence and Inoculum Sources in Carrot Fields in Turkey

RANDA ZELYÜT F., ŞENAL D., ERTUNÇ F.

5th Meeting of the International Phytoplasma Working Group, El-seeb, UMMAN, 21 May 2023, vol.13, pp.53-54

II. Multilocus sequence typing of 'Candidatus Phytoplasma solani' infecting cucurbits from Türkiye

RANDA ZELYÜT F., KARANFİL A.

2nd International Molecular Plant Protection Congress, Bursa, Turkey, 15 May 2023, pp.105

III. POPULATION GENETIC DYNAMICS OF TURKISH TURNIP MOSAIC VIRUS (TUMV) VARIANTS BASED ON NIB AND CP GENES

RANDA ZELYÜT F.

3RD INTERNATIONAL ANATOLIAN CONGRESS ON SCIENTIFIC RESEARCH PROCEEDINGS BOOK, Kayseri, Turkey, 27 - 29 December 2022, vol.3, pp.978-984

IV. MOLECULAR TYPE OF "CANDIDATUS PHYTOPLASMA SOLANI" TUF GENE IN VEGETABLE CULTIVATION AREAS OF MARMARA REGION, TURKEY

RANDA ZELYÜT F.

3. INTERNATIONAL HASANKEYF SCIENTIFIC RESEARCH AND INNOVATION CONGRESS, Batman, Turkey, 17 December 2022, pp.127-131

V. CANDIDATUS LIBERIBACTER SOLANACEARUM (CALSO) ETMENİNİN ÜLKEMİZDEKİ DURUMU VE POTANSİYEL VEKTÖRLERİ

RANDA ZELYÜT F.

8. ULUSLARARASI ERCİYES BİLİMSEL ARAŞTIRMALAR KONGRESİ, Kayseri, Turkey, 01 October 2022

VI. THE USE OF CARROT SAMPLES FROM THE PROVINCES OF ANKARA AND KONYA IN MECHANICAL INOCULATION EXPERIMENTS TO DETERMINE VIRUSES

RANDA ZELYÜT F., ERTUNÇ F., ŞENAL D.

4. INTERNATIONAL ANKARA MULTIDISCIPLINARY STUDIES CONGRESS, 29 July 2022, pp.156-161

VII. Determination of Rhizomania disease from spinach fields of South Marmara region in Turkey

KARANFİL A., RANDA ZELYÜT F., KORKMAZ S.

4. International Sciences and Innovation Congress, Ankara, Turkey, 19 - 20 February 2022, pp.176-177

VIII. Determination of Entomopathogenic Nematode Fauna in Bilecik

ULU T. C., RANDA ZELYÜT F.

5th International Congress on Agriculture, Environment and Health, 17 - 19 February 2022

IX. Population genetic preliminary studies of Turkish Cucumber mosaic virus (CMV) isolates based on the CP gene region

RANDA ZELYÜT F., KARANFİL A.

2nd International Symposium of Scientific Research and Innovative Studies, Balıkesir, Turkey, 02 March 2022, pp.1096-1097

X. Virus Diseases of Lettuce in Ankara Province

ERTUNÇ F., RANDA ZELYÜT F.

ICAFLS, 18 - 20 April 2019

- XI. **Phylogenetic analysis of Mirafiori lettuce big vein virus isolates from Turkey Ankara**
RANDA ZELYÜT F., ERTUNÇ F.
1st International Molecular Plant Protection Congress, 10 - 13 April 2019, pp.63
- XII. **Türkiye’de gül bitkisinde Gül sarı damar virüs (Rose yellow vein virus) enfeksiyonu**
KARANFİL A., RANDA ZELYÜT F., ERTUNÇ F., KORKMAZ S.
Uluslararası Katılımlı Türkiye VII. Bitki Koruma Kongresi, Muğla, Turkey, 14 - 17 November 2018, pp.222
- XIII. **Molecular characterization and variation of Bois noir Turkish strains**
ERTUNÇ F., CANİK OREL D., RANDA ZELYÜT F.
5th European Bois Noir Workshop, 18 - 19 September 2018
- XIV. **Phylogenetic analysis of Mirafiori lettuce big vein virus isolates from Turkey, Ankara**
RANDA ZELYÜT F., ERTUNÇ F.
1st International Molecular Plant Protection Congress, Ankara, Turkey, 8 - 13 April 2018
- XV. **Detection of Lettuce Viruses in Ankara (Turkey) Province**
RANDA ZELYÜT F., ERTUNÇ F.
The 3rd International Symposium on EuroAsian BiodiversityAt: BELARUS, Minsk, Minsk, Belarus, 5 - 08 July 2017
- XVI. **Molecular Characterization and Genetic Diversity of Coat Protein Genes of Lettuce mosaic virus Isolates in Ankara**
RANDA ZELYÜT F., ERTUNÇ F.
International Conference on Agriculture, Forest, Food Sciences and Technologies (ICAFOF 2017 Cappadocia / Turkey, 15 - 17 May 2017
- XVII. **Symptoms Caused by Mirafiori Lettuce big vein virus on Lettuce Varieties in Ankara Province**
RANDA ZELYÜT F., ERTUNÇ F.
International Conference on Agriculture, Forest, Food Sciences and Technologies (ICAFOF 2017 Cappadocia / Turkey), 15 - 17 May 2017
- XVIII. **Detection of Lettuce Virus Diseases in Ankara Province.**
RANDA ZELYÜT F., ERTUNÇ F.
Kongre, 5 - 08 September 2016

Supported Projects

ESKİ A., Koç M., RANDA ZELYÜT F., Project Supported by Higher Education Institutions, Endofitik Bakterilerin Patates Böceği, *Leptinotarsa decemlineata* (Coleoptera Chrysomelidae)'nın Mücadelesinde Kullanılabilirliğinin Araştırılması, 2024 - Continues

RANDA ZELYÜT F., TUBİTAK Project, Bilecik İli Bölgesinde Yetişen İris Bitkilerinde Potyvirus Enfeksiyonlarının Araştırılması, 2022 - Continues

RANDA ZELYÜT F., Project Supported by Higher Education Institutions, Bilecik İli Domates Ekim Alanlarında Virüs ve Fitoplazma Enfeksiyonlarının Belirlenmesi, 2022 - Continues

Ulu T. C., Randa Zelyüt F., Project Supported by Higher Education Institutions, Bilecik İli Entomopatojen Nematod Faunasının Belirlenmesi, 2019 - 2022

RANDA ZELYÜT F., Project Supported by Higher Education Institutions, Ankara ve Konya illerinde havuç ekim alanlarında gözlenen viral enfeksiyonların tespiti ve inokulum kaynaklarının belirlenmesi, 2018 - 2022

TUBİTAK 2140639 Ankara ili marul ekim alanlarında görülen virüs hastalıklarının belirlenmesi, 2015 - 2016