

## **Personal Information**

**Office Phone:** [+90 210 563 3](tel:+902105633)

**Email:** [ysoyer@metu.edu.tr](mailto:ysoyer@metu.edu.tr)

**Web:** <https://avesis.metu.edu.tr/ysoyer>



### **International Researcher IDs**

ScholarID: 17iu5FYAAAAJ

ORCID: 0000-0001-9687-9715

Publons / Web Of Science ResearcherID: A-8584-2010

ScopusID: 22941926600

Yoksis Researcher ID: 27038

## **Education Information**

Doctorate, Cornell University, United States Of America 2004 - 2009

Postgraduate, Ankara University, Mühendislik Fakültesi, Gıda Mühendisliği Bölümü,  
Turkey 1999 - 2001

Undergraduate, Ankara University, Mühendislik Fakültesi, Gıda Mühendisliği Bölümü,  
Turkey 1995 - 1999

## **Foreign Languages**

English, C1 Advanced

## **Dissertations**

Doctorate, TRANSMISSION AND EVOLUTION OF SALMONELLA, Cornell University, 2009

Postgraduate, Beyaz üzümlerde ve üzüm sularında organik asit dağılımı, Ankara Üniversitesi, 2001

## **Research Areas**

Food Engineering

## **Academic Titles / Tasks**

Associate Professor, Middle East Technical University, Faculty of Engineering, Department of Food Engineering, 2017 - Continues

Assistant Professor, Middle East Technical University, Faculty of Engineering, Department of Food Engineering, 2011 - 2017

Assistant Professor, Harran University, Faculty Of Agriculture, Department Of Food Engineering, 2010 - 2011

Research Assistant, Harran University, Faculty Of Agriculture, Department Of Food Engineering, 2009 - 2010

Expert, Cornell University, Agriculture And Life Sciences, Food Science, 2009 - 2009

## Academic and Administrative Experience

Head of Department, Middle East Technical University, Graduate School of Natural and Applied Sciences, Biotechnology, 2022 - Continues

Head of Department, Middle East Technical University, Graduate School of Natural and Applied Sciences, Biochemistry, 2018 - 2021

Middle East Technical University, Faculty of Engineering, Department of Food Engineering, 2013 - 2016

## Courses

FOOD BIOTECHNOLOGY, Undergraduate, 2017 - 2018

Food Microbiology Lab, Undergraduate, 2012 - 2013

## Advising Theses

Soyer Y., Isolation and Characterization of Salmonella Bacteriophages, Postgraduate, A.DENİZ(Student), 2022

SOYER KÜÇÜKŞENEL Y., An alternative way for reduction of Salmonella in poultry products: Bacteriophages, Doctorate, M.GÜZEL(Student), 2022

SOYER KÜÇÜKŞENEL Y., Phage therapy against contamination of pathogenic Escherichia coli strains (O104:H4, O157:H7, and O26) during garden cress (*Lepidium sativum Linn.*) vegetation, Postgraduate, İ.İSKENDER(Student), 2022

SOYER KÜÇÜKŞENEL Y., Salmonella prevalence on eggs and prevention strategy by bacteriophage, Postgraduate, E.KOÇ(Student), 2022

SOYER KÜÇÜKŞENEL Y., Investigation of plasmid mediated colistin resistance phenotypically and genotypically in Salmonella and *E. coli* isolates in Turkey, Postgraduate, S.TOK(Student), 2022

SOYER KÜÇÜKŞENEL Y., Climate change and food safety: Assessment of the temperature impact on the attachment of Escherichia coli pathogroups on cress leaf, Postgraduate, H.SAMUT(Student), 2022

Soyer Y., Genomic characterization of cephalosporin, quinolone and macrolide resistance in *Salmonella enterica*, Postgraduate, D.KONYALI(Student), 2022

SOYER Y., Characterization of plasmids from multi drug resistant *Salmonella infantis* isolates, Postgraduate, S.ÖZLEM(Student), 2018

SOYER Y., Conjugative transfer of antibiotic resistance genes from *Salmonella enterica* serovar *infantis* to *Escherichia coli*, Postgraduate, A.CESUR(Student), 2018

SOYER Y., Characterization of plasmids form multi drug resistance *salmonella infantis* isolates, Postgraduate, S.Özlem(Student), 2018

SOYER Y., Virulence and antimicrobial resistance genes transfer mechanism between salmonella strains by means of *Salmonella* genomic island 1, Postgraduate, Ş.NAMLI(Student), 2018

Ünalan H. E., Soyer Y., Detection of antimicrobial effect of silver nanowires embedded in poly lactic acid (PLA) and filter paper on pathogenic bacteria, Postgraduate, C.PERK(Student), 2016

SOYER Y., Phenotypic and genetic characterization of antimicrobial resistance in salmonella isolates from different sources in Turkey, Doctorate, S.ACAR(Student), 2015

SOYER Y., ÖZTOP H. M., Formulation, characterization and antimicrobial effect of cinnamon oil nanoemulsions, Postgraduate, S.TUTKU(Student), 2015

SOYER Y., ALPAS H., Surveillance study of *Salmonella* in fresh peppers (*Capsicum annuum L.*) and inactivation by high hydrostatic pressure treatment, Postgraduate, Ö.GÖZDE(Student), 2014

SOYER Y., ÖZCENGİZ G., Subtyping of salmonella isolated from human clinical and animal non-clinical cases, as well as different food samples using pulsed field gel electrophoresis (PFGE) /, Postgraduate, E.Bulut(Student), 2014

SOYER Y., AKKAYA M., Molecular characterization of *Salmonella* isolates from animals and various foods, Postgraduate, B.DURUL(Student), 2014

SOYER Y., Molecular evaluation and antimicrobial susceptibility testing of *escherichia coli* isolates collected from various food products in Turkey/, Postgraduate, E.OWUSU(Student), 2014

SOYER Y., ÖZCENGİZ G., Subtyping of *Salmonella* isolated from human clinical and animal non-clinical cases, as well as different food samples using pulsed field gel electrophoresis (PFGE), Postgraduate, E.BULUT(Student), 2014

ALPAS H., SOYER Y., *Salmonella* surveillance on fresh produce and inactivation by high hydrostatic pressure, Postgraduate, E.GÜNEL(Student), 2014

SOYER Y., Molecular characterization of *salmonella* isolates from animals and various foods /, Postgraduate, B.Durul(Student), 2014

## Designed Lessons

Soyer Y., Microbial Genotyping in Food Microbiology, Postgraduate, 2010 - 2011

## Taught Courses And Trainings

Soyer Y., Food Microbiology Workshop for Afghan Government Food Safety Personnel, 2013 - 2013

Soyer Y., Training on Foodborne pathogens: diagnostics, safety, bio-security, molecular typing and food protection, 2012 - 2012

Soyer Y., Second International Molecular Methods in Food Microbiology Symposium and Workshop Series, 2010 - 2010

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. Layer-by-layer assembly of chitosan/alginate thin films containing *Salmonella enterica* bacteriophages for antibacterial applications  
Tidim G., Guzel M., Soyer Küçükşenel Y., Erel Göktepe İ.  
*Carbohydrate Polymers*, vol.328, 2024 (SCI-Expanded)
- II. Black-carrot drink şalgam as a habitat for spoilage yeasts  
Safkan D., AĞIRMAN B., SAFKAN B., SOYER KÜÇÜKŞENEL Y., ERTEN H.  
*Fungal Biology*, 2024 (SCI-Expanded)
- III. Phage Therapy Against Pathogenic *Escherichia coli* (O104:H4, O157:H7, and O26) Strains in Irrigation Water During Garden Cress (*Lepidium sativum* Linn.) Vegetation  
İskender I., Soyer Küçükşenel Y.  
*Foodborne pathogens and disease*, vol.20, no.12, pp.553-562, 2023 (SCI-Expanded)
- IV. Genomic Characterization of *Salmonella enterica* Resistant to Cephalosporin, Quinolones, And Macrolides  
Konyali D., Guzel M., SOYER KÜÇÜKŞENEL Y.  
*Current Microbiology*, vol.80, no.11, 2023 (SCI-Expanded)
- V. Climate change and food safety: Temperature impact on the attachment of <i>Escherichia coli</i> pathogroups on cress leaf  
Samut H., Namli Ş., Ozdemir F. N., Çömlekçıoğlu N., Soyer Y.  
*JOURNAL OF FOOD SAFETY*, vol.43, no.5, 2023 (SCI-Expanded)
- VI. Emerging Increase in Colistin Resistance Rates in *Escherichia coli* and *Salmonella enterica* from Türkiye  
Tok S., Guzel M., SOYER KÜÇÜKŞENEL Y.  
*Current Microbiology*, vol.80, no.7, 2023 (SCI-Expanded)
- VII. Effect of Non-LAB Probiotics on Foodborne Enteric Pathogens: A Systematic Review

- Yeni F., Samut H., Soyer Y.  
Food Reviews International, vol.39, no.4, pp.1827-1858, 2023 (SCI-Expanded)
- VIII. **Microbial growth and attachment of Salmonella and enterohemorrhagic and enteroaggregative Escherichia coli strains on cress microgreens grown in peat soil system**  
Namli S., Samut H., Soyer Y.  
BRITISH FOOD JOURNAL, vol.124, no.11, pp.3765-3782, 2022 (SCI-Expanded)
- IX. **Investigation of class 1 integrons and virulence genes in the emergent Salmonella serovar Infantis in Turkey**  
Namli S., Soyer Y.  
INTERNATIONAL MICROBIOLOGY, vol.25, no.2, pp.259-265, 2022 (SCI-Expanded)
- X. **Antibacterial activity of cinnamon oil against multidrug-resistant Salmonella serotypes and anti-quorum sensing potential**  
Kiymacia M., KAŞKATEPE B., Soyer C. Y.  
JOURNAL OF THE HELLENIC VETERINARY MEDICAL SOCIETY, vol.73, no.1, pp.3707-3714, 2022 (SCI-Expanded)
- XI. **The effect of polyacid on the physical and biological properties of chitosan based layer-by-layer films**  
Saracogullari N., GÜNDÖĞDU D., ÖZDEMİR F. N., SOYER Y., EREL GÖKTEPE İ.  
COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS, vol.617, 2021 (SCI-Expanded)
- XII. **Genome analysis of antimicrobial resistance, virulence, and plasmid presence in Turkish Salmonella serovar Infantis isolates**  
Acar S., Bulut E., Stasiewicz M. J., SOYER Y.  
INTERNATIONAL JOURNAL OF FOOD MICROBIOLOGY, vol.307, 2019 (SCI-Expanded)
- XIII. **Isolation and molecular characterization of Salmonella enterica and Escherichia coli from poultry samples**  
Cesur A., Ulutas S. O., Soyer Y.  
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.43, no.3, pp.408-422, 2019 (SCI-Expanded)
- XIV. **Cinnamon oil nanoemulsions by spontaneous emulsification: Formulation, characterization and antimicrobial activity**  
YILDIRIM S. T., Oztop M. H., SOYER Y.  
LWT-FOOD SCIENCE AND TECHNOLOGY, vol.84, pp.122-128, 2017 (SCI-Expanded)
- XV. **Phenotyping and genetic characterization of Salmonella enterica isolates from Turkey revealing arise of different features specific to geography**  
Acar S., Bulut E., Durul B., Uner I., Kur M., AVŞAROĞLU ERKAN M. D., KIRMACI H. A., Tel Y. O., YILDIZ ZEYREK F., SOYER Y.  
INTERNATIONAL JOURNAL OF FOOD MICROBIOLOGY, vol.241, pp.98-107, 2017 (SCI-Expanded)
- XVI. **Microorganisms Found in MPR and Packaged Produce and Their Detection Methods**  
Acar S. Y., SOYER Y.  
MINIMALLY PROCESSED REFRIGERATED FRUITS AND VEGETABLES, 2ND EDITION, pp.653-684, 2017 (SCI-Expanded)
- XVII. **Vulnerabilities, Threats and Gaps in Food Biosecurity**  
Fletcher J., ALPAS H., Henry C. M., Haynes E., Dehne H. W., Ma L. M., SOYER Y., Yeni F., Colla P., Robb P.  
PRACTICAL TOOLS FOR PLANT AND FOOD BIOSECURITY: RESULTS FROM A EUROPEAN NETWORK OF EXCELLENCE, VOL 8, vol.8, pp.61-75, 2017 (SCI-Expanded)
- XVIII. **Recent Outbreaks of Human Pathogens on Plants (HPOPs) on Fresh Produce - Lessons Learned from the Practice**  
ALPAS H., Yeni F., SOYER Y., Fletcher J.  
PRACTICAL TOOLS FOR PLANT AND FOOD BIOSECURITY: RESULTS FROM A EUROPEAN NETWORK OF EXCELLENCE, VOL 8, vol.8, pp.77-96, 2017 (SCI-Expanded)
- XIX. **How can we improve foodborne disease surveillance systems: A comparison through EU and US systems**  
Yeni F., Acar S., Soyer Y., Alpas H.

- FOOD REVIEWS INTERNATIONAL, vol.33, pp.406-423, 2017 (SCI-Expanded)
- XX. **Most Common Foodborne Pathogens and Mycotoxins on Fresh Produce: A Review of Recent Outbreaks**
- Yeni F., Yavaş S., Alpas H., Soyer Y.
- CRITICAL REVIEWS IN FOOD SCIENCE AND NUTRITION, vol.56, pp.1532-1544, 2016 (SCI-Expanded)
- XXI. **Subtyping of Salmonella Food Isolates Suggests the Geographic Clustering of Serotype Telaviv**
- Durul B., Acar S., Bulut E., Kyere E. O., SOYER Y.
- FOODBORNE PATHOGENS AND DISEASE, vol.12, no.12, pp.958-965, 2015 (SCI-Expanded)
- XXII. **Molecular evaluation and antimicrobial susceptibility testing of Escherichia coli isolates from food products in Turkey**
- Kyere E. O., Bulut E., AVŞAROĞLU ERKAN M. D., SOYER Y.
- FOOD SCIENCE AND BIOTECHNOLOGY, vol.24, no.3, pp.1001-1009, 2015 (SCI-Expanded)
- XXIII. **Salmonella surveillance on fresh produce in retail in Turkey**
- Gunel E., Kılıç G. P., Bulut E., Durul B., Acar S., Alpas H., Soyer Y.
- INTERNATIONAL JOURNAL OF FOOD MICROBIOLOGY, vol.199, pp.72-77, 2015 (SCI-Expanded)
- XXIV. **Rapid and standardized methods for detection of foodborne pathogens and mycotoxins on fresh produce**
- YENİ F., ACAR S., POLAT Ö., SOYER Y., ALPAS H.
- FOOD CONTROL, vol.40, pp.359-367, 2014 (SCI-Expanded)
- XXV. **Antimicrobial Drug Resistance Patterns among Cattle- and Human-Associated Salmonella Strains**
- SOYER Y., Richards J., Hoelzer K., Warnick L. D., Fortes E., McDonough P., Dumas N. B., Groehn Y. T., Wiedmann M.
- JOURNAL OF FOOD PROTECTION, vol.76, no.10, pp.1676-1688, 2013 (SCI-Expanded)
- XXVI. **The Prevalence of Multidrug Resistance Is Higher among Bovine than Human Salmonella enterica Serotype Newport, Typhimurium, and 4,5,12:i:- Isolates in the United States but Differs by Serotype and Geographic Region**
- Hoelzer K., Soyer Y., Rodriguez-Rivera L. D., Cummings K. J., McDonough P. L., Schoonmaker-Bopp D. J., Root T. P., Dumas N. B., Warnick L. D., Groehn Y. T., et al.
- APPLIED AND ENVIRONMENTAL MICROBIOLOGY, vol.76, no.17, pp.5947-5959, 2010 (SCI-Expanded)
- XXVII. **Development and validation of a resistance and virulence gene microarray targeting Escherichia coli and Salmonella enterica**
- Davis M. A., Lim J. Y., Soyer Y., Harbottle H., Chang Y., New D., Orfe L. H., Besser T. E., Call D. R.
- JOURNAL OF MICROBIOLOGICAL METHODS, vol.82, no.1, pp.36-41, 2010 (SCI-Expanded)
- XXVIII. **Pulsed-Field Gel Electrophoresis Diversity of Human and Bovine Clinical Salmonella Isolates**
- Soyer Y., Alcaine S. D., Schoonmaker-Bopp D. J., Root T. P., Warnick L. D., McDonough P. L., Dumas N. B., Groehn Y. T., Wiedmann M.
- FOODBORNE PATHOGENS AND DISEASE, vol.7, no.6, pp.707-717, 2010 (SCI-Expanded)
- XXIX. **Genome wide evolutionary analyses reveal serotype specific patterns of positive selection in selected Salmonella serotypes**
- Soyer Y., Orsi R. H., Rodriguez-Rivera L. D., Sun Q., Wiedmann M.
- BMC EVOLUTIONARY BIOLOGY, vol.9, 2009 (SCI-Expanded)
- XXX. **Salmonella enterica Serotype 4,5,12:i:-, an Emerging Salmonella Serotype That Represents Multiple Distinct Clones**
- Soyer Y., Switt A. M., Davis M. A., Maurer J., McDonough P. L., Schoonmaker-Bopp D. J., Dumas N. B., Root T., Warnick L. D., Groehn Y. T., et al.
- JOURNAL OF CLINICAL MICROBIOLOGY, vol.47, no.11, pp.3546-3556, 2009 (SCI-Expanded)
- XXXI. **Fecal shedding of, antimicrobial resistance in, and serologic response to Salmonella Typhimurium in dairy calves**
- Alexander K. A., Warnick L. D., Cripps C. J., McDonough P. L., Grohn Y. T., Wiedmann M., Reed K. E., James K. L., Soyer Y., Ivanek R.
- JAVMA-JOURNAL OF THE AMERICAN VETERINARY MEDICAL ASSOCIATION, vol.235, no.6, pp.739-748, 2009 (SCI-Expanded)

- XXXII. Multilocus Variable-Number Tandem-Repeat Method for Typing *Salmonella enterica* Serovar Newport**  
 Davis M. A., Baker K. N. K., Call D. R., Warnick L. D., Soyer Y., Wiedmann M., Grohn Y., McDonough P. L., Hancock D. D., Besser T. E.  
*JOURNAL OF CLINICAL MICROBIOLOGY*, vol.47, no.6, pp.1934-1938, 2009 (SCI-Expanded)
- XXXIII. Emergence, Distribution, and Molecular and Phenotypic Characteristics of *Salmonella enterica* Serotype 4,5,12:i:-**  
 Switt A. I. M., Soyer Y., Warnick L. D., Wiedmann M.  
*FOODBORNE PATHOGENS AND DISEASE*, vol.6, no.4, pp.407-415, 2009 (SCI-Expanded)
- XXXIV. Assessing genetic heterogeneity within bacterial species isolated from gastrointestinal and environmental samples: How many isolates does it take?**  
 Dopfer D., Buist W., Soyer Y., Munoz M. A., Zadoks R. N., Geue L., Engel B.  
*APPLIED AND ENVIRONMENTAL MICROBIOLOGY*, vol.74, no.11, pp.3490-3496, 2008 (SCI-Expanded)
- XXXV. Multidrug-resistant *Salmonella typhimurium*, Pacific Northwest, United States**  
 Davis M. A., Besser T. E., Eckmann K., MacDonald J. K., Green D., Hancock D. D., Baker K. N. K., Warnick L. D., Soyer Y., Wiedmann M., et al.  
*EMERGING INFECTIOUS DISEASES*, vol.13, no.10, pp.1583-1586, 2007 (SCI-Expanded)
- XXXVI. Multilocus sequence typing supports the hypothesis that cow- and human-associated *Salmonella* isolates represent distinct and overlapping populations**  
 Alcaine S. D., Soyer Y., Warnick L. D., Su W. -, Sukhnananand S., Richards J., Fortes E. D., McDonough P., Root T. P., Dumas N. B., et al.  
*APPLIED AND ENVIRONMENTAL MICROBIOLOGY*, vol.72, no.12, pp.7575-7585, 2006 (SCI-Expanded)
- XXXVII. Antioxidant activity of selected fruits and vegetables grown in Turkey**  
 Karadeniz F., Burdurlu H. S., Koca N., Soyer Y.  
*Turkish Journal of Agriculture and Forestry*, vol.29, no.4, pp.297-303, 2005 (SCI-Expanded)
- XXXVIII. Organic acid profile of Turkish white grapes and grape juices**  
 Soyer Y., Koca N., Karadeniz F.  
*JOURNAL OF FOOD COMPOSITION AND ANALYSIS*, vol.16, no.5, pp.629-636, 2003 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Determination of colistin resistance in *Escherichia coli* isolates from foods in Turkey, 2011-2015**  
 GÜZEL M., Avşaroğlu M. D., SOYER Y.  
*Food and Health*, vol.6, no.3, pp.160-169, 2020 (Peer-Reviewed Journal)
- II. **Microbial Control of Milk and Milk Products**  
 Guzel M., SOYER Y.  
*MICROBIAL CONTROL AND FOOD PRESERVATION: THEORY AND PRACTICE*, pp.255-280, 2017 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Microbial Control of Milk and Milk Products**  
 Güzel M., Soyer Y.  
 in: *Microbial Control and Food Preservation*, V.K. Juneja, H.P. Dwivedi and J.N. Sofi, V.K. Juneja, H.P. Dwivedi and J.N. Sofos, Editor, Springer, London/Berlin , Washington, pp.255-280, 2017
- II. **Microorganisms Found in MPR and Packaged Produce and Their Detection Methods.**  
 Acar S., Soyer Y.  
 in: *Minimally Processed Refrigerated Fruits and Vegetables*, F. Yildiz and R.C. Wiley, F. Yildiz and R.C. Wiley, Editor, Springer, London/Berlin , Massachusetts, pp.653-685, 2017

- III. Vulnerabilities, Threats and Gaps in Food Biosecurity**  
FLETCHER J., ALPAS H., HENRY C. M., HAYNES E., DEHNE H. W., MA L. M., SOYER Y., Yeni F., COLLA P., ROBB P.  
in: Practical Tools for Plant and FoodBiosecurity Results from a European Network of Excellence,, Editor,  
Springer, 2017
- IV. Recent Outbreaks of Human Pathogens on Plants (HPOPs)on Fresh Produce – Lessons Learned from the Practice**  
ALPAS H., Yeni F., SOYER Y., FLETCHER J.  
in: Practical Tools for Plant and Food BiosecurityResults from a European Network of Excellence,, Editor,  
Springer, 2017
- V. Antimikrobiyal Koruyucular ve Bakteriyofajlar ile Kontrol**  
Bulut E., SOYER Y.  
in: Temel Gida Mikrobiyolojisi,, Editor, Nobel, pp.489-503, 2016

## Refereed Congress / Symposium Publications in Proceedings

- I. Tarçın Yağı ile Hazırlanmış Mikroemülsiyon Nanoemülsyonların Karakterizasyonu ve Antimikrobiyel Etkisinin İncelenmesi**  
Yıldırım S. T., SOYER Y., ÖZTOP H. M.  
5. Gıda Güvenliği Kongresi, Turkey, 7 - 08 May 2015
- II. Comparative Genomic Analysis of 5 fully Sequenced *Salmonella* Genomes**  
SOYER Y., Orsi R., Sun Q., Wiedmann M.  
Annual Meeting of the American Society of Microbiology, Toronto, Canada, 21 - 25 May 2007

## Supported Projects

- SOYER KÜÇÜKŞENEL Y., ÇELİKER T. C., Project Supported by Higher Education Institutions, Yerel Suşların Gıda Endüstrisi İçin Kullanımının Genotipik Araştırılması, 2023 - Continues
- SOYER KÜÇÜKŞENEL Y., YENİKÖYLÜ F., Project Supported by Higher Education Institutions, Kanatlı Etinde Gıda Kaynaklı Patojenlerde Yeni Gelişen Antimikrobiyal Dirençliliğin Belirlenmesi, 2023 - Continues
- SOYER KÜÇÜKŞENEL Y., YÜCEFAYDALI A., YETİŞKİN S., İSKENDER İ., ÜSKÜDAR GÜÇLÜ A., ATA VURAL I., Project Supported by Higher Education Institutions, Gıda Kaynaklı Patojenlere Karşı Bakteriyofaj Depolimerazları, 2023 - Continues
- SOYER KÜÇÜKŞENEL Y., GÜZEL M., Project Supported by Higher Education Institutions, Gıda Kaynaklı *Salmonella* entericada sefalosporin ve kinolon direncinin genomik karakterizasyonu, 2020 - 2022
- SOYER Y., TUBITAK Project, Antibiyotiklere Alternatif: Bakteriyofajlar, 2019 - 2022
- SOYER KÜÇÜKŞENEL Y., KOÇ E., Project Supported by Higher Education Institutions, Farklı Yetişirme Metodlarından Elde Edilen Yumurtalarda *Salmonella* Tehdinin Belirlenmesi, 2020 - 2021
- Soyer Y., TUBITAK Project, GIDA KAYNAKLı PATOJENLERDE YENİ GELİŞEN ANTİMİKROBİYAL DİRENCİN BELİRLENMESİ, 2018 - 2020
- SOYER KÜÇÜKŞENEL Y., Güzel M., Project Supported by Higher Education Institutions, *Salmonella* izolatlarının Vuruşlu Alan Jel Elektroforezi (PFGE) kullanılarak serotiplendirilmesi, 2018 - 2019
- SOYER KÜÇÜKŞENEL Y., Cesur A., Project Supported by Higher Education Institutions, Maitake (*Grifola frondosa*), Nameko (*Pholiota microspora*) ve Shiitake (*Lentinula edodes*) Ekstraktlarının Gıda Ürünlerinde Biyofilm Oluşturan Bakterilerin Eliminasyonuna Olan Etkileri, 2017 - 2019
- SOYER KÜÇÜKŞENEL Y., Project Supported by Higher Education Institutions, KANATLI ÇİFTLİKLERİNDE SALMONELLA'NIN AZALTILMASI İÇİN ALTERNATİF BİR YOL: ANTİMİKROBİYALLERİN YERİNE BAKTERİYOFAJLAR, 2017 - 2017
- SOYER KÜÇÜKŞENEL Y., Project Supported by Higher Education Institutions, ISIRGAN OTU EKSTRAKTIN GIDA ÜRÜNLERİNDEN BİYOFİLM OLUSTURAN BAKTERİLERİN ELİMİNASYONUNA OLAN ETKİLERİ, 2017 - 2017

SOYER KÜÇÜKŞENEL Y., Project Supported by Higher Education Institutions, TÜRKİYEDEKİ ATIK ÖRNEKLARİNDE BULUNAN SALMONELLA SPP.KARAKTERİZASYONU, 2017 - 2017

SOYER KÜÇÜKŞENEL Y., Project Supported by Higher Education Institutions, HASTALIK YAPICI GEN VE ANTİMİKROBİYAL GEN PROFİLİ TESPİTİ VE SALMONELLA SUŞLARI ARASINDA BU GENLERİN AKTARIM MEKANİZMASININ ARAŞTIRILMASI, 2017 - 2017

SOYER Y., TUBITAK Project, Sicak Yemeklerin Raf Ömrünü Uzatmak İçin Buzdolabında Ideal Saklama Koşullarının Belirlenmesi ve Buna Uygun Özel Soğutucu Bölmenin Tasarlanarak Buzdolaplarına Uygulanması, 2015 - 2017

SOYER Y., TUBITAK Project, Çoklu İlaç Dirençli Salmonella İzolatlarındaki Plazmidlerin Çeşitliliği ve İletişim Kapabilitiesi, 2014 - 2017

SOYER KÜÇÜKŞENEL Y., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016

SOYER KÜÇÜKŞENEL Y., Cengiz S., Project Supported by Higher Education Institutions, SALMONELLA'NIN BİYOFİLM ÜRETİMİNİN VE DEZENFEKTANLARLA İLE ETKİLEŞİMİNİN İNCELENMESİ, 2014 - 2016

SOYER KÜÇÜKŞENEL Y., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015

SOYER KÜÇÜKŞENEL Y., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015

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