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International Researcher IDs

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

ScopusID: 22941926600

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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 üzümelerde 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

Research Assistant, Cornell University, Agriculture And Life Sciences, Food Science , 2004 - 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

Ünalın 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 annum* 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. **Genomic analysis of Salmonella bacteriophages revealed multiple endolysin ORFs and importance of ligand-binding site of receptor-binding protein**
Guzel M., YÜCEFAYDALI A., YETİŞKİN S., Deniz A., Yaşar Tel O., AKÇELİK M., SOYER KÜÇÜKŞENEL Y.
FEMS Microbiology Ecology, vol.100, no.7, 2024 (SCI-Expanded)
- II. **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)
- III. **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)
- IV. **Phage Therapy Against Pathogenic Escherichia coli (O104:H4, O157:H7, and O26) Strains in Irrigation Water During Garden Cress (Lepidium sativum Linn.) Vegetation**
Iskender I., Soyer Küçükşenel Y.
Foodborne pathogens and disease, vol.20, no.12, pp.553-562, 2023 (SCI-Expanded)
- V. **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)
- VI. **Climate change and food safety: Temperature impact on the attachment of *Escherichia coli* pathogroups on cress leaf**
Samut H., Namli Ş., Ozdemir F. N., Çömlekçioğlu N., Soyer Y.
JOURNAL OF FOOD SAFETY, vol.43, no.5, 2023 (SCI-Expanded)
- VII. **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)

- VIII. **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)
- IX. **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)
- X. **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)
- XI. **Antibacterial activity of cinnamon oil against multidrug-resistant Salmonella serotypes and anti-quorum sensing potential**
Kiymacia M., KAŞKATEPE B., Soyerc Y.
JOURNAL OF THE HELLENIC VETERINARY MEDICAL SOCIETY, vol.73, no.1, pp.3707-3714, 2022 (SCI-Expanded)
- XII. **The effect of polyacid on the physical and biological properties of chitosan based layer-by-layer films**
Saracogullari N., GÜNDOĞDU D., ÖZDEMİR F. N., SOYER Y., EREL GÖKTEPE İ.
COLLOIDS AND SURFACES A-PHYSICO-CHEMICAL AND ENGINEERING ASPECTS, vol.617, 2021 (SCI-Expanded)
- XIII. **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)
- XIV. **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)
- XV. **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)
- XVI. **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)
- XVII. **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)
- XVIII. **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)
- XIX. **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)

- XX. **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)
- XXI. **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)
- XXII. **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)
- XXIII. **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)
- XXIV. **Salmonella surveillance on fresh produce in retail in Turkey**
Gunel E., Kilic 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)
- XXV. **Rapid and standardized methods for detection of foodborne pathogens and mycotoxins on fresh produce**
YENI F., ACAR S., POLAT Ö., SOYER Y., ALPAS H.
FOOD CONTROL, vol.40, pp.359-367, 2014 (SCI-Expanded)
- XXVI. **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)
- XXVII. **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)
- XXVIII. **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)
- XXIX. **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)
- XXX. **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)
- XXXI. **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)
- XXXII. **Fecal shedding of, antimicrobial resistance in, and serologic response to SalmonellaTyphimurium 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)

XXXIII. 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)

XXXIV. 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)

XXXV. 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)

XXXVI. 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)

XXXVII. 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. -, Sukhnanand 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)

XXXVIII. 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)

XXXIX. 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. Sofv.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. WilF. 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 Gıda Mikrobiyolojisi, , Editor, Nobel, pp.489-503, 2016

Refereed Congress / Symposium Publications in Proceedings

- I. **Antibiyotik Dirençliliğe Çözüm, Bakteriyofajlar : Salmonella Bakteriyofajı İzolasyonu**
Yetişkin S., Yücefaydalı A., Ayan İ., Soyer Küçükşenel Y., Akkaya Ö. H., Türkoğlu A. Ö., Çalım H. D.
2. Tek Sağlık Kongresi, Ankara, Turkey, 22 - 24 November 2023
- II. **Antibiyotik Dirençliliğe Karşı Çözüm, Bakteriyofajlar : E. coli Bakteriyofajı İzolasyonu**
Yücefaydalı A., Yetişkin S., Soyer Küçükşenel Y., Ayan İ., Akkaya Ö. H., Türkoğlu A. Ö., Çalım H. D.
2. Ulusal Tek Sağlık Kongresi, Ankara, Turkey, 22 - 24 November 2023
- III. **Salmonella'ya Karşı Faj Endolizinleri**
Yetişkin S., Yücefaydalı A., Soyer Küçükşenel Y.
Viruses of Microbes 2023, Tbilisi, Georgia, 3 - 07 July 2023, pp.118
- IV. **Salmonella bakteriyofajlarının fenotipik karakterizasyonu ve tavuk etindeki uygulamaları**
Yücefaydalı A., Yetişkin S., Güzel M., Yeniköylü F., Soyer Küçükşenel Y.
Viruses of Microbes 2023, Tbilisi, Georgia, 3 - 07 July 2023, pp.217
- V. **Tarçın Yağı ile Hazırlanmış Mikroemülsiyon Nanoemülsiyonların Karakterizasyonu ve Antimikrobiyel Etkisinin İncelenmesi**
Yıldırım S. T., SOYER Y., ÖZTOP H. M.
5. Gıda Güvenliği Kongresi, Turkey, 7 - 08 May 2015
- VI. **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 Yetiştirme Metodlarından Elde Edilen Yumurtalarda Salmonella Tehdinin Belirlenmesi, 2020 - 2021

Soyer Y., TUBITAK Project, GIDA KAYNAKLI PATOJENLERDE YENİ GELİŞEN ANTİMİKROBİYAL DİRENCİN BELİRLENMESİ, 2018 - 2020

SOYER KÜÇÜKŞENEL Y., Güzel M., Project Supported by Higher Education Institutions, Salmonella izolatların 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) Ekstraktların 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 ÜRÜNLERİNDE BİYOFİLM OLUŞTURAN BAKTERİLERİN ELİMİNASYONUNA OLAN ETKİLERİ, 2017 - 2017

SOYER KÜÇÜKŞENEL Y., Project Supported by Higher Education Institutions, TÜRKİYEDEKİ ATIK ÖRNEKLERİNDE 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, Sıcak Yemeklerin Raf Ömrünü Uzatmak İçin Buzdolabında İdeal Saklama Koşullarının Belirlenmesi ve Buna Uygun Özel Soğutucu Bölmenin Tasarlanarak Buzdolaplarına Uygulanması, 2015 - 2017

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