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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, North Carolina State University, College Of Agriculture And Life Sciences, Amerika Birleşik Devletleri 2005 - 2009

Yüksek Lisans, North Carolina State University, College Of Agriculture And Life Sciences, Amerika Birleşik Devletleri 2003 - 2005

Lisans, Orta Doğu Teknik Üniversitesi, Mühendislik Fakültesi, Türkiye 1998 - 2002

Yaptığı Tezler

Doktora, Temperature-dependent freeze-thaw tolerance and genetic characterization of stress response mechanisms of *Listeria spp.*, North Carolina State University, Cals, Food Science, 2009

Yüksek Lisans, Influence of Antibiotic, Acid, and Salt Stress on Resistance of *Escherichia coli* O157:H7, North Carolina State University, Cals, Food Science, 2005

Araştırma Alanları

Tıp, Sağlık Bilimleri, Temel Tıp Bilimleri, Mikrobiyoloji ve Klinik Mikrobiyoloji, Tıbbi Mikrobiyoloji, Yaşam Bilimleri, Mikrobiyoloji, Bakteriyoloji, Moleküler Biyoloji ve Genetik, Mikrobiyal Genetik, Temel Bilimler

Akademik Unvanlar / Görevler

Yrd. Doç. Dr., Akdeniz Üniversitesi, Mühendislik Fakültesi, Gıda Mühendisliği, 2020 - Devam Ediyor

Akademik İdari Deneyim

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. Enhancing gluten detection assay development through optimization of gliadin extraction conditions
Güven E., AZİZOĞLU R. O.
Heliyon, cilt.9, sa.9, 2023 (SCI-Expanded)
- II. Cell Death in *Escherichia coli*: Incomplete Base Excision Repair under Depletion of DapB and Dxr Proteins.

Azizoglu R. O.

mBio, cilt.13, sa.4, 2022 (SCI-Expanded)

- III. **RESIDUE AVOIDANCE IN SMALL RUMINANT PRODUCTION SYSTEMS**
Anderson K., Azizoglu R. O.
STRATEGIES FOR REDUCING DRUG AND CHEMICAL RESIDUES IN FOOD ANIMALS: INTERNATIONAL APPROACHES TO RESIDUE AVOIDANCE, MANAGEMENT, AND TESTING, ss.193-219, 2014 (SCI-Expanded)
- IV. **Mutant Construction and Integration Vector-Mediated Gene Complementation in *Listeria monocytogenes***
Azizoglu R. O., Elhanafi D., Kathariou S.
LISTERIA MONOCYTOGENES: METHODS AND PROTOCOLS, cilt.1157, ss.201-211, 2014 (SCI-Expanded)
- V. **Bovine *Staphylococcus aureus*: Dose response to iodine and chlorhexidine and effect of iodine challenge on antibiotic susceptibility**
Azizoglu R. O., Lyman R., Anderson K. L.
JOURNAL OF DAIRY SCIENCE, cilt.96, sa.2, ss.993-999, 2013 (SCI-Expanded)
- VI. **Purine Biosynthesis Mutants (*purA* and *purB*) of Serotype 4b *Listeria monocytogenes* Are Severely Attenuated for Systemic Infection in Intragastrically Inoculated A/J Mice**
Faith N. G., Kim J., Azizoglu R. O., Kathariou S., Czuprynski C.
FOODBORNE PATHOGENS AND DISEASE, cilt.9, sa.5, ss.480-486, 2012 (SCI-Expanded)
- VII. **Temperature-Dependent Requirement for Catalase in Aerobic Growth of *Listeria monocytogenes* F2365**
Azizoglu R. O., Kathariou S.
APPLIED AND ENVIRONMENTAL MICROBIOLOGY, cilt.76, sa.21, ss.6998-7003, 2010 (SCI-Expanded)
- VIII. **Impact of Growth Temperature and Agar Versus Liquid Media on Freeze-Thaw Tolerance of *Yersinia enterocolitica***
Azizoglu R. O., Kathariou S.
FOODBORNE PATHOGENS AND DISEASE, cilt.7, sa.9, ss.1125-1128, 2010 (SCI-Expanded)
- IX. **Inactivation of a Cold-Induced Putative RNA Helicase Gene of *Listeria monocytogenes* Is Accompanied by Failure To Grow at Low Temperatures but Does Not Affect Freeze-Thaw Tolerance**
Azizoglu R. O., Kathariou S.
JOURNAL OF FOOD PROTECTION, cilt.73, sa.8, ss.1474-1479, 2010 (SCI-Expanded)
- X. **Role of Growth Temperature in Freeze-Thaw Tolerance of *Listeria* spp.**
Azizoglu R. O., Osborne J., WILSON S., Kathariou S.
APPLIED AND ENVIRONMENTAL MICROBIOLOGY, cilt.75, sa.16, ss.5315-5320, 2009 (SCI-Expanded)
- XI. **Impact of antibiotic stress on acid and heat tolerance and virulence factor expression of *Escherichia coli* O157 : H7**
Azizoglu R. O., DRAKE M.
JOURNAL OF FOOD PROTECTION, cilt.70, sa.1, ss.194-199, 2007 (SCI-Expanded)
- XII. **The Recent Original Perspectives on Nonculture-Based Bacteria Detection Methods: A Comprehensive Review**
Gueven E., AZİZOĞLU R. O.
FOODBORNE PATHOGENS AND DISEASE, cilt.19, sa.7, ss.425-440, 1 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Characterization of ethylenediaminetetraacetic acid and acid tolerance of foodborne pathogenic bacteria**
AZİZOĞLU R. O.
International Journal of Agriculture, Environment and Food Sciences, cilt.4, sa.3, ss.311-318, 2020 (Hakemli Dergi)

Desteklenen Projeler

AZİZOĞLU R. O., TÜBİTAK Projesi, 'Development of Rapid Detection Tests through Novel Immunoassay Applications and Biological Sample Processing', 2020 - Devam Ediyor

Patent

AZİZOĞLU R. O., Apparatus for use in a magnetic system for the rapid detection or separation of targets of interest in liquid samples, Patent, BÖLÜM C Kimya; Metalürji, 2014

AZİZOĞLU R. O., Rapid detection of analytes in liquid samples, Patent, BÖLÜM C Kimya; Metalürji, 2013

AZİZOĞLU R. O., Sample cartridge and sample stage, Patent, BÖLÜM F Makine Mühendisliği; Aydınlatma; Isıtma; Silahlar; Tahrip Malzemeleri, 2012

Bilimsel Dergilerdeki Faaliyetler

Applied and Environmental Microbiology, Editörler Kurulu Üyesi, 2012 - Devam Ediyor

Metrikler

Yayın: 14

Atıf (WoS): 97

Atıf (Scopus): 106

H-İndeks (WoS): 6

H-İndeks (Scopus): 6