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International Researcher IDs

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Education Information

Doctorate, Plovdiv Gıda Teknolojileri Enstitüsü, Gıda Teknolojileri, Süt Ve Ürünleri, Bulgaria 2014 - 2018

Postgraduate, Namık Kemal Üniversitesi, Fen Bilimleri, Gıda Müh., Turkey 2005 - 2010

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, Application Of The Somatic cells Monitoring For Improving Milk Quality, Plovdiv Gıda Teknolojileri Enstitüsü, Gıda Teknolojisi, Süt Ve Ürünleri, 2018

Postgraduate, Siyah Beyaz Alaca Süt İneklerinin Beslenmesinde Kullanılan Yemlerde ve Bu Hayvanlardan Elde Edilen Sütlerde Ağır Metal ve Mineral Madde Belirlenmesi Üzerine Bir Araştırma , Namık Kemal Üniversitesi, Fen Bilimleri, Gıda Müh., 2010

Research Areas

Food Engineering, Food Technology, Processing Dairy And Related Products, Life Sciences, Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Lecturer, Canakkale Onsekiz Mart University, Biga Meslek Yüksekokulu, Gıda İşleme, 1997 - Continues

Academic and Administrative Experience

Canakkale Onsekiz Mart University, Biga Meslek Yüksekokulu, 2018 - Continues

Canakkale Onsekiz Mart University, Biga Meslek Yüksekokulu, 2015 - 2018

Canakkale Onsekiz Mart University, Biga Meslek Yüksekokulu, 2009 - 2010

Canakkale Onsekiz Mart University, Biga Meslek Yüksekokulu, 2002 - 2006

Courses

Çiğ Süt Analizleri, Associate Degree, 2018 - 2019

Peynir Üretim Teknolojisi, Associate Degree, 2018 - 2019

Süt Ürünleri Analizleri, Associate Degree, 2018 - 2019

Süt ve Ürünleri Teknolojisi, Associate Degree, 2018 - 2019

Yöresel Peynir Üretim Tek. Tek., Associate Degree, 2018 - 2019

Süt Teknolojisi 1, Associate Degree, 2018 - 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Microbiological and physicochemical properties of farm bulk tank milk and antimicrobial resistance of its dominant bacteria**
ÖZDİKMENLİ TEPELİ S., ZORBA M., Yalman M., BİLGÜCÜ E., DEMİREL ZORBA N. N.
Journal of Food Safety, vol.43, no.1, 2023 (SCI-Expanded)
- II. **Effect of somatic cells count in cow milk on the formation of biogenic amines in cheese**
Ivanova I., Ivanova M., Ivanov G., BİLGÜCÜ E.
JOURNAL OF FOOD SCIENCE AND TECHNOLOGY-MYSORE, vol.58, no.9, pp.3409-3416, 2021 (SCI-Expanded)
- III. **Volatile organic compound profiles of yoghurt produced from cow's milk with different somatic cell counts**
Ivanov G., BİLGÜCÜ E., Ivanova I., Dimitrova M.
INTERNATIONAL JOURNAL OF DAIRY TECHNOLOGY, vol.73, no.3, pp.563-569, 2020 (SCI-Expanded)
- IV. **Effect of somatic cells count of raw milk on the fermentation process and quality of ayran**
BİLGÜCÜ E.
JOURNAL OF FOOD SCIENCE, vol.65, 2018 (SCI-Expanded)
- V. **Effect of Somatic Cells Count of Raw Milk on the Fermentation Process and Quality of Ayran**
BİLGÜCÜ E., UZATICI A.
Turkish Journal Of Field Crops, 2018 (SCI-Expanded)

Articles Published in Other Journals

- I. **A Sound-Based Monitoring and Evaluation System for Small-Scale Dairy Operations**
KIZIL Ü., AKSU S., KINACI A. C., BİLGÜCÜ E., ŞENTÜRKLÜ S.
Journal of advanced research in natural and applied sciences (Online), vol.8, no.3, pp.380-390, 2022 (Peer-Reviewed Journal)
- II. **Spatial Noise Modeling in a Dairy Farm**
KIZIL Ü., AKSU S., KINACI A. C., BİLGÜCÜ E., ŞENTÜRKLÜ S.
TURKISH JOURNAL OF AGRICULTURAL AND NATURAL SCIENCE, vol.9, no.2, pp.439-445, 2022 (Peer-Reviewed Journal)
- III. **Comparative study on the quality characteristics of yoghurt produced by cow milks with different somatic cells count**
BİLGÜCÜ E., Ivanov G. Y., Balabanova T. B., Ivanova I.
BULGARIAN JOURNAL OF AGRICULTURAL SCIENCE, vol.27, no.2, pp.385-390, 2021 (ESCI)
- IV. **Effect of Animal Breed, Season and Milk Production Scale On Somatic Cell Count and Composition of Cow Milk**

BİLGÜCÜ E., IVANOVA I. V., UZATICI A., IVANOV G. Y., BALABANOVA T. B.

Bulgarian Journal Of Agricultural Science, vol.23, no.6, pp.1047-1052, 2020 (ESCI)

- V. **Effect of somatic cells count of raw milk on the carbonyl compounds and low molecular weight fatty acids formation in ayran**
Ivanov G., BİLGÜCÜ E., Ivanova I., Dimitrova M.
Journal of Hygienic Engineering and Design, vol.32, pp.28-32, 2020 (Scopus)
- VI. **Effect of somatic cells count of raw cow milk on the fermentation process and quality of ayran**
BİLGÜCÜ E., UZATICI A., Ivanov G. Y., Ivanova I. V., Balabanova T. B.
Food Science and Applied Biotechnology, 2019 (Peer-Reviewed Journal)
- VII. **Effect of Somatic Cells Count of raw milk on the fermentation process and quality of ayran**
BİLGÜCÜ E., IVANOV G. Y., IVANOVA I. V., BALABANOVA T. B., UZATICI A.
Food Science and Applied Biotechnology, vol.2603, pp.1-8, 2019 (Peer-Reviewed Journal)
- VIII. **DETERMINATION OF THE RELATIONSHIP AMONG RAW COW MILK COMPOSITION AND SOMATIC CELL COUNT OBTAIN FROM MILK COLLECTION CENTRES**
ESER A. G., Ivanov G. Y., BİLGÜCÜ E.
JOURNAL OF SCIENTIFIC PERSPECTIVES, vol.2, no.2, pp.23-31, 2018 (Peer-Reviewed Journal)
- IX. **DETERMINATION OF THE RELATIONSHIP AMONG RAW COW MILK COMPOSITION AND SOMATIC CELL COUNT OBTAIN FROM MILK COLLECTION CENTRES**
ESER A. G., Ivanov G. Y., BİLGÜCÜ E.
JOURNAL OF SCIENTIFIC PERSPECTIVES, vol.2, no.2, pp.23-31, 2018 (Peer-Reviewed Journal)
- X. **Determination of the Relationship Among Raw Cow Milk Composition and Somatic Cell Count Obtain From Milk Collection Centres**
ESER A. G., BİLGÜCÜ E.
Journal of Scientific Perspectives, vol.2, no.2, pp.23-31, 2018 (Peer-Reviewed Journal)
- XI. **EFFECT OF ANIMAL BREED, SEASON AND MILK PRODUCTION SCALE ON SOMATIC CELL COUNT AND COMPOSITION OF COW MILK**
Ivanov G. Y., BİLGÜCÜ E., Balabanova T. B., Ivanova I. V., UZATICI A.
Bulgarian Journal of Agricultural Science, vol.23, no.6, pp.1047-1052, 2017 (Scopus)
- XII. **Monitoring of the Somatic Cells Count for Improving Milk and Dairy Products Quality**
Ivanov G. Y., BİLGÜCÜ E., Ivanova I. V., UZATICI A., Balabanova T. B.
SCIENTIFIC WORKS OF UNIVERSITY OF FOOD TECHNOLOGIES, vol.63, no.1, pp.90-97, 2016 (Peer-Reviewed Journal)
- XIII. **The Effect of Environmental Factors on Heavy Metal and Mineral Compositions of Raw Milk and Water Samples**
BİLGÜCÜ E., KAPTAN B., PALABIYIK İ., ÖKSÜZ Ö.
Journal of Tekirdag Agricultural Faculty, vol.13, no.4, pp.61-70, 2016 (Peer-Reviewed Journal)
- XIV. **Süt Somatik Hücre Sayısının E-Burun ile Belirlenmesi**
İNALPULAT M., KIZIL Ü., BİLGÜCÜ E., GENÇ L.
Çanakkale Onsekiz Mart Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.2, no.1, pp.22-35, 2016 (Peer-Reviewed Journal)
- XV. **Possible heavy metal residues in poultry and their products that are bred around cement industry**
Ersoy I. E., UZATICI A., BİLGÜCÜ E.
JOURNAL OF ANIMAL BEHAVIOUR AND BIOMETEOROLOGY, vol.3, no.2, pp.63-68, 2015 (ESCI)
- XVI. **Possible heavy metal residues in poultry and their products that are bred around cement industry**
ERSOY İ. E., UZATICI A., BİLGÜCÜ E.
Journal of Animal Behaviour and Biometeorology, vol.3, no.2, pp.63-68, 2015 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Effect of Somatic Cells Count of Raw Milk on the Carbonyl Compounds and Low Molecular Weight**

Fatty Acids Formation in Ayran

Ivanov G., BİLGÜCÜ E.

agrofood, 20 - 21 June 2019

II. EFEECT SOMATIC CELLS COUNT OF RAW MİLK ON THE PROTEOLYSIS İN FARMERS ChEESE

Ivanov G., BİLGÜCÜ E.

AGROFOOD, 20 - 21 June 2019

Supported Projects

Bilgücü E., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Biga Bölgesinde Kırsal Kalkınmada Çiğ Süt Kalitesini Arttırmaya Yönelik Mesleki Eğitim ve Lab. Projesi, 2019 - 2021

ZORBA M., DEMİREL ZORBA N. N., ÖZDİKMENLİ S., YALMAN M., BİLGÜCÜ E., Project Supported by Higher Education Institutions, SUBKLİNİK MASTİTİS ETMENLERİNİN ARAŞTIRILMASI ve SÜT KALİTE PARAMETRELERİNE ETKİSİNİN BELİRLENMESİ, 2015 - 2017

Metrics

Publication: 48

Citation (WoS): 20

Citation (Scopus): 28

H-Index (WoS): 4

H-Index (Scopus): 4

Awards

BİLGÜCÜ E., Süt Üretiminde Gençlerin Rolü, Avrupa Birliği, May 2010

BİLGÜCÜ E., Kurumsal Bağlılık, ÇOMÜ kurumsal Bağlılık, September 2006

Non Academic Experience

Doğsan Süt San.

Doğsan Süt San.

Doğsan Süt San.