

Res. Asst. PhD BEYHAN GÜNAYDIN DAŞAN

Personal Information

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Education Information

Doctorate, Hacettepe Üniversitesi, Mühendislik Fakültesi, Gıda Mühendisliği Bölümü, Turkey 2009 - 2016

Post Graduate, Hacettepe Üniversitesi, Mühendislik Fakültesi, Gıda Mühendisliği Bölümü, Turkey 2007 - 2009

Under Graduate, Hacettepe Üniversitesi, Mühendislik Fakültesi, Gıda Mühendisliği Bölümü, Turkey 2003 - 2007

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Küf dekontaminasyonu için akışkan yatak atmosferik basınç plazma reaktörü tasarımı, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Gıda Mühendisliği (Dr), 2015

Research Areas

Food Engineering, Food Science, Food Microbiology, Food Hygiene and Sanitation, Food Technology, Food Processing (pasteurisation, sterilisation, refrigeration, lyophilisation, etc.), Engineering and Technology

Academic Titles / Tasks

Research Assistant, Hacettepe Üniversitesi, Mühendislik Fakültesi, Gıda Mühendisliği Bölümü, 2008 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **A comparative study of single-needle and coaxial electrospun amyloid-like protein nanofibers to investigate hydrophilic drug release behavior**
Kabay G., Demirci C., Can G. K. , Meydan A. E. , GÜNAYDIN DAŞAN B., MUTLU M.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.114, pp.989-997, 2018 (Journal Indexed in SCI)
- II. **Surface decontamination of eggshells by using non-thermal atmospheric plasma**
GÜNAYDIN DAŞAN B., Yildirim T., BOYACI İ. H.
INTERNATIONAL JOURNAL OF FOOD MICROBIOLOGY, vol.266, pp.267-273, 2018 (Journal Indexed in SCI)
- III. **Effect of Cold Atmospheric Plasma on Inactivation of Escherichia coli and Physicochemical Properties of Apple, Orange, Tomato Juices, and Sour Cherry Nectar**

GÜNAYDIN DAŞAN B., BOYACI İ. H.

FOOD AND BIOPROCESS TECHNOLOGY, vol.11, pp.334-343, 2018 (Journal Indexed in SCI)

IV. A New and Simple Approach for Decontamination of Food Contact Surfaces with Gliding Arc Discharge Atmospheric Non-Thermal Plasma

GÜNAYDIN DAŞAN B., ÖNAL ULUSOY B., Pawlat J., Diatczyk J., Sen Y., MUTLU M.

FOOD AND BIOPROCESS TECHNOLOGY, vol.10, pp.650-661, 2017 (Journal Indexed in SCI)

V. Nonthermal plasma treatment of Aspergillus spp. spores on hazelnuts in an atmospheric pressure fluidized bed plasma system: Impact of process parameters and surveillance of the residual viability of spores

GÜNAYDIN DAŞAN B., BOYACI İ. H. , MUTLU M.

JOURNAL OF FOOD ENGINEERING, vol.196, pp.139-149, 2017 (Journal Indexed in SCI)

VI. Inactivation of aflatoxigenic fungi (Aspergillus spp.) on granular food model, maize, in an atmospheric pressure fluidized bed plasma system

GÜNAYDIN DAŞAN B., BOYACI İ. H. , MUTLU M.

FOOD CONTROL, vol.70, pp.1-8, 2016 (Journal Indexed in SCI)

VII. Decontamination of Aspergillus flavus and Aspergillus parasiticus spores on hazelnuts via atmospheric pressure fluidized bed plasma reactor

GÜNAYDIN DAŞAN B., MUTLU M., BOYACI İ. H.

INTERNATIONAL JOURNAL OF FOOD MICROBIOLOGY, vol.216, pp.50-59, 2016 (Journal Indexed in SCI)

Supported Projects

GÜNAYDIN DAŞAN B., Project Supported by Higher Education Institutions, Biyomateryallerin Termal Olmayan Proseslerine Yeni Bir Yaklaşım: Işıltılı Ark Boşalım Plazması, 2016 - 2016

GÜNAYDIN DAŞAN B., Project Supported by Higher Education Institutions, Gıda Dekontaminasyonuna Yeni Bir Yaklaşım: Atmosferik Plazma Prosesi, 2015 - 2015

Citations

Total Citations (WOS):195

h-index (WOS):7