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Education Information

Doctorate, Kobenhavns Universitet (University Of Copenhagen), Department Of Food Science, Chemometrics And Analytical Technology, Denmark 2015 - 2018

Doctorate, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Gıda Mühendisliği Bölümü, Turkey 2013 - 2017

Postgraduate, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Gıda Mühendisliği Bölümü, Turkey 2011 - 2013

Undergraduate, Hacettepe Üniversitesi, Mühendislik Fakültesi, Gıda Mühendisliği Bölümü, Turkey 2007 - 2011

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Education Management and Planning, EPR in Food Sciences, Winter School, ETH Zurich Winter School, 2015

Education Management and Planning, 8th International Advanced Course on "Reaction Kinetics in Food Science", Graduate School VLAG, 2014

Dissertations

Doctorate, GIDALARDA BULUNAN SERBEST VE BAĞLI DOĞAL ANTIÖKSİDANLAR ARASINDAKİ ETKİLEŞİMLERİN BELİRLENMESİ, Hacettepe Üniversitesi, Gıda Mühendisliği Bölümü, Gıda Mühendisliği Bölümü, 2017

Postgraduate, BESİNSEL LİFLERE BAĞLI BİYOAKTİF MADDELERİN ANTIÖKSİDAN KAPASİTESİ VE REJENERASYON DAVRANIŞININ QUENCHER METODUYLA BELİRLENMESİ, Hacettepe Üniversitesi, Mühendislik Fakültesi, Gıda Mühendisliği Bölümü, 2013

Research Areas

Chemistry, Natural Sciences

Academic Titles / Tasks

Research Assistant, Hacettepe Üniversitesi, Mühendislik Fakültesi, Gıda Mühendisliği Bölümü, 2011 - Continues

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

- I. **Formation of Bioactive Tyrosine Derivatives during Sprouting and Fermenting of Selected Whole Grains**
Canlı M., ÇELİK E. E. , KOCADAĞLI T., KANMAZ E. Ö. , GÖKMEN V.
JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, vol.69, no.42, pp.12517-12526, 2021 (Journal Indexed in SCI)
- II. **Effects of Sprouting and Fermentation on Free Asparagine and Reducing Sugars in Wheat, Einkorn, Oat, Rye, Barley, and Buckwheat and on Acrylamide and 5-Hydroxymethylfurfural Formation during Heating**
Yiltirak S., KOCADAĞLI T., ÇELİK E. E. , KANMAZ E. Ö. , GÖKMEN V.
JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, vol.69, no.32, pp.9419-9433, 2021 (Journal Indexed in SCI)
- III. **Interactions between free and bound antioxidants under different conditions in food systems**
ÇELİK E. E. , GÖKMEN V.
CRITICAL REVIEWS IN FOOD SCIENCE AND NUTRITION, 2021 (Journal Indexed in SCI)
- IV. **Formation of Maillard reaction products in bread crust-like model system made of different whole cereal flours**
ÇELİK E. E. , GÖKMEN V.
EUROPEAN FOOD RESEARCH AND TECHNOLOGY, vol.246, no.6, pp.1207-1218, 2020 (Journal Indexed in SCI)
- V. **Effects of fermentation and heat treatments on bound-ferulic acid content and total antioxidant capacity of bread crust-like systems made of different whole grain flours**
ÇELİK E. E. , GÖKMEN V.
JOURNAL OF CEREAL SCIENCE, vol.93, 2020 (Journal Indexed in SCI)
- VI. **Interactions of dietary fiber bound antioxidants with hydroxycinnamic and hydroxybenzoic acids in aqueous and liposome media**
ÇELİK E. E. , Rubio J. M. A. , Andersen M. L. , GÖKMEN V.
FOOD CHEMISTRY, vol.278, pp.294-304, 2019 (Journal Indexed in SCI)
- VII. **A study on interactions between the insoluble fractions of different coffee infusions and major cocoa free antioxidants and different coffee infusions and dark chocolate**
ÇELİK E. E. , GÖKMEN V.
FOOD CHEMISTRY, vol.255, pp.8-14, 2018 (Journal Indexed in SCI)
- VIII. **Interactions of coffee and bread crust melanoidins with hydroxycinnamic and hydroxybenzoic acids in aqueous radical environment**
ÇELİK E. E. , Amigo Rubio J. M. , Andersen M. L. , GÖKMEN V.
FOOD RESEARCH INTERNATIONAL, vol.108, pp.286-294, 2018 (Journal Indexed in SCI)
- IX. **Behaviour of Trolox with macromolecule-bound antioxidants in aqueous medium: Inhibition of auto-regeneration mechanism**
ÇELİK E. E. , Amigo Rubio J. M. , GÖKMEN V.
FOOD CHEMISTRY, vol.243, pp.428-434, 2018 (Journal Indexed in SCI)
- X. **Interactions between macromolecule-bound antioxidants and Trolox during liposome autoxidation: A multivariate approach**
ÇELİK E. E. , Rubio J. M. A. , Andersen M. L. , GÖKMEN V.
FOOD CHEMISTRY, vol.237, pp.989-996, 2017 (Journal Indexed in SCI)
- XI. **Synergism between Soluble and Dietary Fiber Bound Antioxidants**
ÇELİK E. E. , GÖKMEN V., Skibsted L. H.
JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, vol.63, no.8, pp.2338-2343, 2015 (Journal Indexed in SCI)
- XII. **Investigation of the interaction between soluble antioxidants in green tea and insoluble dietary fiber bound antioxidants**
ÇELİK E. E. , GÖKMEN V.
FOOD RESEARCH INTERNATIONAL, vol.63, pp.266-270, 2014 (Journal Indexed in SCI)
- XIII. **Soluble Antioxidant Compounds Regenerate the Antioxidants Bound to Insoluble Parts of Foods**

ÇELİK E. E. , GÖKMEN V., Fogliano V.

JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, vol.61, no.43, pp.10329-10334, 2013 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Interactions between macromolecule- bound antioxidants and free antioxidant trolox in liposome medium: a multivariate approach**
ÇELİK E. E. , RUBIO J., ANDERSEN M., GÖKMEN V.
EuroFoodChem XIX Conference, Budapest, Hungary, 3 - 07 October 2017
- II. **Interactions of coffee melanoidins with hydroxycinnamic/ hydroxybenzoic acids**
ÇELİK E. E. , Rubio J., Andersen M., GÖKMEN V.
4th International Congress on Cocoa Coffee and Tea, 25 - 28 June 2017
- III. **Effect of Alginate Incorporated Fmoc-FF Hydrogels on Chondrocyte Behaviour**
ÇELİK E. E. , BAYRAM C., Akcapinar R., Turk M., DENKBAŞ E. B.
4th TERMIS World Congress, Massachusetts, United States Of America, 8 - 11 September 2015, vol.21
- IV. **Study of the synergy between soluble and dietary fiber bound antioxidants**
ÇELİK E. E. , GÖKMEN V., LEIF S.
249th ACS National Meeting, United States Of America, 22 - 26 March 2015

Supported Projects

GÖKMEN V., ÇELİK E. E. , Project Supported by Higher Education Institutions, LIPOZOM ORTAMINDA BAĞLI ANTIOKSIDANLAR VE SERBEST ANTIOKSIDAN TROLOKS ARASINDAKİ İNTERAKSİYONLAR: ÇOKDEĞİSKENLİ BİR YAKLAŞIM, 2017 - 2017

ÇELİK E. E. , Project Supported by Higher Education Institutions, Çözünür ve çözünmez antioksidanlar arasındaki sinerji çalışması, 2015 - 2017

ÇELİK E. E. , Project Supported by Higher Education Institutions, Besinsel liflere bağlı ve çözünür antioksidanlar arasındaki sinerji çalışması, 2015 - 2015

Citations

Total Citations (WOS):80

h-index (WOS):5