



FATMA ERSÖZ

RES. ASST.

Email : fatmaersoz@akdeniz.edu.tr

International Researcher IDs

Publons / Web Of Science ResearcherID: I-7785-2017

Yoksis Researcher ID: 199723



Learning Knowledge

Doctorate
2016 - Continues

Akdeniz University, Institute of Science, Gıda Mühendisliği , Turkey

Postgraduate
2014 - 2016

Akdeniz University, Institute of Science, Gıda Mühendisliği Bölümü Gıda Mühendisliği Abd, Turkey

Dissertations

Postgraduate, Rekombinant Kimozin Üretiminde Glikozilasyonun Etkisinin Araştırılması, Akdeniz University, Faculty of Engineering, Department of Food Engineering, 2016

Academic Titles / Tasks

Research Assistant
2014 - Continues

Akdeniz University, Faculty of Engineering, Department of Food Engineering

Research Assistant
2014 - 2014

Ardahan University, Faculty Of Engineering, Department Of Food Engineering

Supported Projects

- İNAN M., ÖZÇELİK A., ERSÖZ F., YATMAZ E., YATMAZ H. A., TONGUR T., PERİNÇEK F., ERTOSUN M. G., TEFON ÖZTÜRK B. E., TURHAN İ., et al., Project Supported by Higher Education Institutions, Rekombinant Anti-IL6 antikor üretimi, 2021 - Continues
- ÖZÇELİK A., TEFON ÖZTÜRK B. E., ERSÖZ F., Project Supported by Higher Education Institutions, Boğmaca hastalığına karşı hüresiz aşı bileşeni olarak kullanılabilecek olan Bordetella pertusis Fim2 proteininin Pichia pastoris'te rekombinant olarak üretilmesi, 2020 - 2022
- ÖZÇELİK A., TUBITAK Project, Endüstriyel Ölçekte Mikrobiyal Transglutaminaz Enziminin Üretimi İçin Biyoreaktör

Koşullarının Optimizasyonu, 2019 - 2020

4. İNAN M., ERGİN F., TONGUR T., ERSÖZ F., KÜÇÜKÇETİN A., Erkeymaz T., Project Supported by Higher Education Institutions, Kimozin Enziminin Rekombinant Olarak Üretilmesi ve Üretilen Rekombinant Kimozin Enziminin Beyaz Peynirin Fiziksel Kimyasal ve Mikrobiyolojik Özellikleri Üzerine Etkisinin Araştırılması, 2018 - 2020
5. ÖZÇELİK A., ERSÖZ F., Yılmaz S., İNAN M., Project Supported by Higher Education Institutions, Pichia Pastoris'te rekombinant mikrobiyal transglutaminaz enzim üretiminin optimizasyonu, 2017 - 2019
6. İNAN M., ERSÖZ F., Project Supported by Higher Education Institutions, Rekombinant Kimozin Üretimine Glikozilasyonun Etkisinin Araştırılması, 2016 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Effect of Recombinant Transglutaminase on the Quality Characteristics of Cooked Beef Meatballs**
ERSÖZ F., AYKIN DİNÇER E., ÖZÇELİK A., İNAN M.
KAFKAS UNIVERSİTESİ VETERİNER FAKULTESİ DERGİSİ, vol.27, no.2, pp.209-215, 2021 (SCI-Expanded)
2. **Comparison of the effects of adding microbial transglutaminase to milk and ice cream mixture on the properties of ice cream**
Merve A. L., ERSÖZ F., Özaktaş T., Turkanoglu-Ozcelik A., KÜÇÜKÇETİN A.
INTERNATIONAL JOURNAL OF DAIRY TECHNOLOGY, vol.73, no.3, pp.578-584, 2020 (SCI-Expanded)
3. **Comparison of the effects of adding microbial transglutaminase to milk and ice cream mixture on the properties of ice cream**
AL M., ERSÖZ F., ÖZAKTAŞ T., ÖZÇELİK A., KÜÇÜKÇETİN A.
INTERNATIONAL JOURNAL OF DAIRY TECHNOLOGY, vol.73, no.3, pp.578-584, 2020 (SCI-Expanded)
4. **Extracellular production of the recombinant bacterial transglutaminase in Pichia pastoris**
ÖZÇELİK A., ERSÖZ F., İNAN M.
PROTEIN EXPRESSION AND PURIFICATION, vol.159, pp.83-90, 2019 (SCI-Expanded)
5. **Large-scale production of yak (Bos grunniens) chymosin A in Pichia pastoris**
ERSÖZ F., İNAN M.
PROTEIN EXPRESSION AND PURIFICATION, vol.154, pp.126-133, 2019 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

1. **Tibet sığırı kimozin enziminin Pichia pastoris mayasında hücre dışında rekombinant üretimi**
ERSÖZ F., İNAN M.
20. Uluslararası Katılımlı Ulusal Biyoteknoloji Kongresi, Ankara, Turkey, 10 - 12 October 2019, vol.1, no.1, pp.50
2. **Rekombinant Kimozin Enzimi Kullanılarak Üretilen Beyaz Peynirlerin Fizikokimyasal Özellikleri**
ERSÖZ F., ERGİN F., ERKAYMAZ T., İNAN M., KÜÇÜKÇETİN A.
20. Uluslararası Katılımlı Ulusal Biyoteknoloji Kongresi, Ankara, Turkey, 10 - 12 October 2019, pp.61
3. **Effect of pH and temperature on extracellular production of recombinant microbial transglutaminase in Pichia pastoris**
ÖZÇELİK A., ERSÖZ F., İNAN M.
International Agricultural, Biological and Life Science Conference, Edirne, Turkey, 2 - 05 September 2018, pp.528
4. **Large scale production of recombinant microbial transglutaminase in Pichia pastoris**
ERSÖZ F., TÜRKAN OĞLU ÖZÇELİK A., İNAN M.
International Agricultural, Biological and Life Sciences Conference, Edirne, Turkey, 2 - 05 September 2018, pp.570
5. **Large scale production of recombinant microbial transglutaminase in Pichia pastoris**
ERSÖZ F., TÜRKAN OĞLU ÖZÇELİK A., İNAN M.
International Agricultural, Biological and Life Sciences Conference, Edirne, Turkey, 2 - 05 September 2018, pp.570
6. **Effect of pH and temperature on extracellular production of recombinant microbial transglutaminase in Pichia pastoris**

TÜRKANOĞLU ÖZÇELİK A., ERSÖZ F., İNAN M.

International Agricultural, Biological and Life Science Conference, Edirne, Turkey, 2 - 05 September 2018, pp.528

7. **Large scale production of recombinant microbial transglutaminase in Pichia pastoris**
ERSÖZ F., TÜRKANOĞLU ÖZÇELİK A., İNAN M.
International Agricultural, Biological and Life Sciences Conference, Edirne, Turkey, 2 - 05 September 2018, pp.570
8. **Effect of pH and temperature on extracellular production of recombinant microbial transglutaminase in Pichia pastoris**
ÖZÇELİK A., ERSÖZ F., İNAN M.
International Agricultural, Biological and Life Science Conference, Edirne, Turkey, 2 - 05 September 2018, pp.528
9. **Molecular cloning of Streptomyces mobaraensis pro-transglutaminase gene in yeast**
ÖZÇELİK A., CANLI F., İNAN M.
6. International Molecular Biology and Biotechnology Congress, Afyon, Turkey, 22 - 25 December 2017, pp.14
10. **Molecular cloning of Streptomyces mobaraensis pro-transglutaminase gene in yeast**
ÖZÇELİK A., ERSÖZ F., İNAN M.
6th International Molecular Biology and Biotechnology Congress, Afyonkarahisar, Turkey, 22 - 25 December 2017, pp.14
11. **Molecular cloning of Streptomyces mobaraensis pro-transglutaminase gene in yeast**
TÜRKANOĞLU ÖZÇELİK A., ERSÖZ F., İNAN M.
6th International Molecular Biology and Biotechnology Congress, Afyonkarahisar, Turkey, 22 - 25 December 2017, pp.14
12. **Molecular cloning of Streptomyces mobaraensis pro-transglutaminase gene in yeast**
ÖZÇELİK A., ERSÖZ F., İNAN M.
6th International Molecular Biology and Biotechnology Congress, Afyonkarahisar, Turkey, 22 - 25 December 2017, pp.14
13. **Rekombinant Tibet Öküzü Bos grunniens Kimozin Üretimine Glikozilasyonun Etkisi**
CANLI F., İNAN M.
5. Ulusal Moleküler Biyoloji Ve Biyoteknoloji Kongresi, Turkey, 18 - 21 July 2016, pp.24
14. **Rekombinant Tibet Öküzü (Bos grunniens) Kimozin Üretimine Glikozilasyonun Etkisi**
ERSÖZ F., İNAN M.
5. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Konya, Turkey, 18 - 21 July 2016, pp.24
15. **Recombinant Production and Characterization of yak Chymosin in Pichia Pastoris**
ADIGÜZEL Ö., CANLI F., İNAN M.
Pichia 2016 Conference, 3 - 06 April 2016, pp.77
16. **Recombinant production and characterization of yak chymosin in Pichia pastoris**
Adıgüzel Ö., ERSÖZ F., İNAN M.
Pichia 2016, Antalya, Turkey, 3 - 06 April 2016, vol.1, no.1, pp.77

Metrics

Publication: 21

Citation (WoS): 25

Citation (Scopus): 31

H-Index (WoS): 3

H-Index (Scopus): 3

Congress and Symposium Activities

20. Uluslararası Katılımlı Ulusal Biyoteknoloji Kongresi, Attendee, Antalya, Turkey, 2019

International Agricultural, Biological and Life Sciences Conference, Attendee, Edirne, Turkey, 2018

6th International Molecular Biology and Biotechnology Congress, Attendee, Afyon, Turkey, 2017

5. Ulusal Moleküler Biyoloji Ve Biyoteknoloji Kongresi, Attendee, Konya, Turkey, 2016

Pichia 2016 Conference, Attendee, Antalya, Turkey, 2016

Research Areas

Food Engineering, Food Technology, Food Biotechnology, Life Sciences, Biotechnology, Bioreactor, Industrial Biotechnology, Microbial Biotechnology, Molecular Biology and Genetics, Microbial Genetics, Natural Sciences, Engineering and Technology