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Education Information

Doctorate, Pennsylvania State University, United States Of America 2001 - 2004

Postgraduate, Gaziantep University, Faculty Of Engineering, Gıda Mühendisliği Bölümü (İngilizce), Turkey 1998 - 2001

Undergraduate, Gaziantep University, Faculty Of Engineering, Gıda Mühendisliği Bölümü (İngilizce), Turkey 1993 - 1998

Dissertations

Doctorate, Fate of Pathogenic Microorganisms in Food Waste Composting, Pennsylvania State University, 2004

Postgraduate, Investigation of storage stability of phenolic compounds in muscat type of Argentina red grapes, Gaziantep Üniversitesi, Gıda Mühendisliği Bölümü (İngilizce), 2001

Research Areas

Food Engineering, Food Technology, Food Biotechnology

Academic Titles / Tasks

Professor, Middle East Technical University, Faculty Of Engineering, Department Of Food Engineering, 2020 - Continues
Associate Professor, Middle East Technical University, Faculty Of Engineering, Department Of Food Engineering, 2014 - 2020

Assistant Professor, Middle East Technical University, Faculty Of Engineering, Department Of Food Engineering, 2005 - 2014

Lecturer PhD, Middle East Technical University, Faculty Of Engineering, Department Of Food Engineering, 2004 - 2005

Advising Theses

ÇEKMECELİOĞLU D., Bacterial cellulase production using grape pomace hydrolysate and synthetic sugar as sole carbon sources by shake-flask submerged fermentation, Postgraduate, A.Sultan(Student), 2019

ÇEKMECELİOĞLU D., Evaluation and optimization of microbial oil production using synthetic sugars, Postgraduate, N.Gürel(Student), 2019

SON Ç. D. , ÇEKMECELİOĞLU D., Pectinase production using apple pomace as carbon source by mixed culture fermentation, Postgraduate, C.KUVVET(Student), 2016

ÇEKMECELİOĞLU D., Microbial detoxification of groundnut meal naturally contaminated with aflatoxin using *Rhodococcus erythropolis*, Postgraduate, Ö.BURAK(Student), 2015

ÇEKMECELİOĞLU D., Energy balance and biodegradability assessments for food waste composting under various C:N ratios and air flow rates, Postgraduate, F.GÖKBEL(Student), 2015

ÇEKMECELİOĞLU D., Xylanase production by mixed culture submerged fermentation, Postgraduate, G.ÖREN(Student), 2014

ÇEKMECELİOĞLU D., Hemicellulose coating as a substitute of sulfuring for apricot drying, Postgraduate, A.ÜBEYİTOĞULLARI(Student), 2014

ÇEKMECELİOĞLU D., Microbial production of alkaline pectinase from hazelnut shell, Doctorate, S.UZUNER(Student), 2014

ÇEKMECELİOĞLU D., Finite element modelling and simulation of drying isotropic and anisotropic food samples, Doctorate, M.SOYDAN(Student), 2013

ÇEKMECELİOĞLU D., Hemicellulose extraction from agro-food industrial wastes and its application in foods, Postgraduate, H.YILMAZ(Student), 2012

ÇEKMECELİOĞLU D., Hemicellulose Extraction From Agro-Food Industrial Wastes and Its Application in Foods, Postgraduate, H.Yılmaz(Student), 2012

ÇEKMECELİOĞLU D., Optimization of bioethanol production from kitchen waste, Postgraduate, O.NİHAN(Student), 2009

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

- I. **Salt and nitrogen amendment and optimization for cellulase and xylanase production using dilute acid hydrolysate of distillers' dried grains with solubles (DDGS) as the feedstock**
Iram A., ÇEKMECELİOĞLU D., Demirci A.
BIOPROCESS AND BIOSYSTEMS ENGINEERING, vol.45, no.3, pp.527-540, 2022 (Journal Indexed in SCI)
- II. **Formulation of apple pomace, orange peel, and hazelnut shell mix for co-production of bacterial pectinase and cellulase enzymes by mixture design method**
Ozzybek M., ÇEKMECELİOĞLU D.
BIOMASS CONVERSION AND BIOREFINERY, 2022 (Journal Indexed in SCI)
- III. **Screening of bacterial and fungal strains for cellulase and xylanase production using distillers' dried grains with solubles (DDGS) as the main feedstock**
Iram A., ÇEKMECELİOĞLU D., Demirci A.
BIOMASS CONVERSION AND BIOREFINERY, vol.11, no.5, pp.1955-1964, 2021 (Journal Indexed in SCI)
- IV. **Biochemical characterization and stability of Bacillus subtilis polygalacturonase produced using hazelnut shells by submerged fermentation**
UZUNER S., ÇEKMECELİOĞLU D.
BIOCATALYSIS AND BIOTRANSFORMATION, vol.39, no.4, pp.269-274, 2021 (Journal Indexed in SCI)
- V. **Bacterial cellulase production using grape pomace hydrolysate by shake-flask submerged fermentation**
Kurt A. S. , ÇEKMECELİOĞLU D.
Biomass Conversion and Biorefinery, 2021 (Journal Indexed in SCI)
- VI. **Ideal Feedstock and Fermentation Process Improvements for the Production of Lignocellulolytic Enzymes**
Iram A., ÇEKMECELİOĞLU D., Demirci A.
PROCESSES, vol.9, no.1, pp.1-26, 2021 (Journal Indexed in SCI)
- VII. **Production of Cellulase and Xylanase Enzymes Using Distillers Dried Grains with Solubles (DDGS) by Trichoderma reesei at Shake-Flask Scale and the Validation in the Benchtop Scale Bioreactor**
Cekmecelioglu D., Demirci A.
WASTE AND BIOMASS VALORIZATION, vol.11, pp.6575-6584, 2020 (Journal Indexed in SCI)
- VIII. **Distillers' dried grains with solubles (DDGS) and its potential as fermentation feedstock**
Iram A., ÇEKMECELİOĞLU D., Demirci A.
APPLIED MICROBIOLOGY AND BIOTECHNOLOGY, vol.104, no.14, pp.6115-6128, 2020 (Journal Indexed in SCI)
- IX. **A Statistical Optimization Study on Dilute Sulfuric Acid Pretreatment of Distillers Dried Grains with**

Solubles (DDGS) As a Potential Feedstock for Fermentation Applications

ÇEKMECELİOĞLU D., Demirci A.

WASTE AND BIOMASS VALORIZATION, vol.10, no.11, pp.3243-3249, 2019 (Journal Indexed in SCI)

- X. **Optimization of dilute sulfuric acid, aqueous ammonia, and steam explosion as the pretreatments steps for distillers' dried grains with solubles as a potential fermentation feedstock**
Iram A., ÇEKMECELİOĞLU D., Demirci A.
BIORESOURCETECHNOLOGY, vol.282, pp.475-481, 2019 (Journal Indexed in SCI)
- XI. **Improvement of Pectinase Production by Co-culture of Bacillus spp. Using Apple Pomace as a Carbon Source**
Kuvvet C., UZUNER S., ÇEKMECELİOĞLU D.
WASTE AND BIOMASS VALORIZATION, vol.10, no.5, pp.1241-1249, 2019 (Journal Indexed in SCI)
- XII. **Heterotrophic growth and oil production from Micractinium sp. ME05 using molasses**
Engin I. K., ÇEKMECELİOĞLU D., YÜCEL A. M., ÖKTEM H. A.
JOURNAL OF APPLIED PHYCOLOGY, vol.30, no.6, pp.3483-3492, 2018 (Journal Indexed in SCI)
- XIII. **Assessment and optimization of xylanase production using co-cultures of Bacillus subtilis and Kluyveromyces marxianus**
Yardimci G. O., ÇEKMECELİOĞLU D.
3 BIOTECH, vol.8, no.7, 2018 (Journal Indexed in SCI)
- XIV. **Enhancement of Heterotrophic Biomass Production by Micractinium sp ME05**
Engin I. K., ÇEKMECELİOĞLU D., YÜCEL A. M., ÖKTEM H. A.
WASTE AND BIOMASS VALORIZATION, vol.9, no.5, pp.811-820, 2018 (Journal Indexed in SCI)
- XV. **Evaluation of heterotrophic and mixotrophic cultivation of novel Micractinium sp ME05 on vinasse and its scale up for biodiesel production**
Engin I. K., ÇEKMECELİOĞLU D., YÜCEL A. M., ÖKTEM H. A.
BIORESOURCETECHNOLOGY, vol.251, pp.128-134, 2018 (Journal Indexed in SCI)
- XVI. **Detoxification of Groundnut Cake Naturally Contaminated with Aflatoxin B-1 Using Rhodococcus erythropolis in Shake Flask Bioreactors**
Dogan O. B., ÖNAL ULUSOY B., Bozoglu F., Sagdicoglu-Celep A. G., ÇEKMECELİOĞLU D.
WASTE AND BIOMASS VALORIZATION, vol.8, no.3, pp.721-731, 2017 (Journal Indexed in SCI)
- XVII. **Bioconversion of Alkali Pretreated Hazelnut Shells to Fermentable Sugars for Generation of High Value Products**
Uzuner S., Shivappa R. R. S., ÇEKMECELİOĞLU D.
WASTE AND BIOMASS VALORIZATION, vol.8, no.2, pp.407-416, 2017 (Journal Indexed in SCI)
- XVIII. **OPTIMIZATION OF HEMICELLULOSE COATING AS APPLIED TO APRICOT DRYING AND COMPARISON WITH CHITOSAN COATING AND SULFITE TREATMENT**
Ubeyitogullari A., ÇEKMECELİOĞLU D.
JOURNAL OF FOOD PROCESS ENGINEERING, vol.39, no.6, pp.542-552, 2016 (Journal Indexed in SCI)
- XIX. **Comparison of Artificial Neural Networks (ANN) and Adaptive Neuro-Fuzzy Inference System (ANFIS) Models in Simulating Polygalacturonase Production**
UZUNER S., ÇEKMECELİOĞLU D.
BIORESOURCES, vol.11, no.4, pp.8676-8685, 2016 (Journal Indexed in SCI)
- XX. **Optimising clarification of carrot juice by bacterial crude pectinase**
Uzuner S., ÇEKMECELİOĞLU D.
INTERNATIONAL JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, vol.50, no.12, pp.2707-2712, 2015 (Journal Indexed in SCI)
- XXI. **Enhanced pectinase production by optimizing fermentation conditions of Bacillus subtilis growing on hazelnut shell hydrolyzate**
Uzuner S., ÇEKMECELİOĞLU D.
JOURNAL OF MOLECULAR CATALYSIS B-ENZYMATIC, vol.113, pp.62-67, 2015 (Journal Indexed in SCI)
- XXII. **Complete dissipation of 2,4,6-trinitrotoluene by in-vessel composting**
Gumuscu B., ÇEKMECELİOĞLU D., TEKİNAY T.

- RSC ADVANCES, vol.5, no.64, pp.51812-51819, 2015 (Journal Indexed in SCI)
- XXIII. **Hydrolysis of Hazelnut Shells as a Carbon Source for Bioprocessing Applications and Fermentation**
Uzuner S., ÇEKMECELİOĞLU D.
INTERNATIONAL JOURNAL OF FOOD ENGINEERING, vol.10, no.4, pp.799-808, 2014 (Journal Indexed in SCI)
- XXIV. **Drying Behavior of Meat Samples at Various Fiber Directions and Air Conditions**
Karabacak M. S. , Esin A., ÇEKMECELİOĞLU D.
DRYING TECHNOLOGY, vol.32, no.6, pp.695-707, 2014 (Journal Indexed in SCI)
- XXV. **Evaluation of hemicellulose as a coating material with gum arabic for food microencapsulation**
Tatar F., Tunc M. T. , DERViŞOĞLU M., ÇEKMECELİOĞLU D., KAHYAOĞLU T.
FOOD RESEARCH INTERNATIONAL, vol.57, pp.168-175, 2014 (Journal Indexed in SCI)
- XXVI. **Kinetic modeling of enzymatic hydrolysis of pretreated kitchen wastes for enhancing bioethanol production**
ÇEKMECELİOĞLU D., Uncu O. N.
WASTE MANAGEMENT, vol.33, no.3, pp.735-739, 2013 (Journal Indexed in SCI)
- XXVII. **Effect of extraction conditions on hemicellulose yields and optimisation for industrial processes**
Celebioglu H. Y. , ÇEKMECELİOĞLU D., DERViŞOĞLU M., KAHYAOĞLU T.
INTERNATIONAL JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, vol.47, no.12, pp.2597-2605, 2012 (Journal Indexed in SCI)
- XXVIII. **Cost-effective approach to ethanol production and optimization by response surface methodology**
Uncu O. N. , ÇEKMECELİOĞLU D.
WASTE MANAGEMENT, vol.31, no.4, pp.636-643, 2011 (Journal Indexed in SCI)
- XXIX. **Optimization of culture conditions for Aspergillus sojae expressing an Aspergillus fumigatus alpha-galactosidase**
Gurkok S., ÇEKMECELİOĞLU D., Ogel Z. B.
BIORESOURCETECHNOLOGY, vol.102, no.7, pp.4925-4929, 2011 (Journal Indexed in SCI)
- XXX. **Optimal conditions for enhanced beta-mannanase production by recombinant Aspergillus sojae**
Ozturk B., ÇEKMECELİOĞLU D., Ogel Z. B.
JOURNAL OF MOLECULAR CATALYSIS B-ENZYMATIC, vol.64, pp.135-139, 2010 (Journal Indexed in SCI)
- XXXI. **Optimization of windrow food waste composting to inactivate pathogenic microorganisms**
Cekmecelioglu D., Demirci A., Graves R., Davitt N.
TRANSACTIONS OF THE ASAE, vol.48, no.5, pp.2023-2032, 2005 (Journal Indexed in SCI)
- XXXII. **Applicability of optimised in-vessel food waste composting for windrow systems**
Cekmecelioglu D., Demirci A., Graves R., Davitt N.
BIOSYSTEMS ENGINEERING, vol.91, no.4, pp.479-486, 2005 (Journal Indexed in SCI)
- XXXIII. **Feedstock optimization of in-vessel food waste composting systems for inactivation of pathogenic microorganisms**
Cekmecelioglu D., Demirci A., Graves R.
JOURNAL OF FOOD PROTECTION, vol.68, no.3, pp.589-596, 2005 (Journal Indexed in SCI)
- XXXIV. **Modeling of composttemperature and inactivation of Salmonella and E-coli O157 : H7 during windrow food waste composting**
Cekmecelioglu D., Heinemann P., Demirci A., Graves R.
TRANSACTIONS OF THE ASAE, vol.48, no.2, pp.849-858, 2005 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **A novel oxidative destruction of lignin and enzymatic digestibility of hazelnut shells**
Uzuner S., Sharma-Shivappa R. R. , ÇEKMECELİOĞLU D., Kolar P.
BIOCATALYSIS AND AGRICULTURAL BIOTECHNOLOGY, vol.13, pp.110-115, 2018 (Journal Indexed in ESCI)
- II. **GIDA ATIKLARININ PEKTİNAZ ENZİMİ ÜRETİMİNDE KULLANIMI**
UZUNER S., ÇEKMECELİOĞLU D.

GIDA / THE JOURNAL OF FOOD, 2016 (Other Refereed National Journals)

- III. **Retention of physical quality of bananas by hemicellulose coating**
Yilmaz Celebioglu H., ÇEKMECELİOĞLU D.
GIDA, vol.38, pp.335-342, 2013 (Other Refereed National Journals)

Books & Book Chapters

I. **Enzymes in the Beverage Industry**

Uzuner S., Çekmecelioğlu D.

in: Enzymes in Food Biotechnology: Production, Applications, and Future Prospects, Mohammed Kuddus, Editor, AP, London, London, pp.29-40, 2019

II. **Bioreactor Scale Up**

Mahdinia E., Çekmecelioğlu D., Demirci A.

in: Essentials in Fermentation Technology, Aydin Berenjian, Editor, Springer, London/Berlin, Zug, pp.213-236, 2019

Refereed Congress / Symposium Publications in Proceedings

I. **Biochemical Characterization and Stability of B. subtilis Pectinase Produced using Hazelnut Shells by Submerged Fermentation**

Uzuner S., Çekmecelioğlu D.

II. International Enzyme & Bioprocesses Days, 1 - 03 September 2020, pp.52

II. **Bacterial and fungal strain selections for cellulase and xylanase production using distillers' dried grains with solubles (DDGS)**

Iram A., Çekmecelioğlu D., Demirci A.

2020 ASABE Annual International Meeting, Virtual, Online, 13 - 15 July 2020

III. **Bacterial cellulase production using grape pomace hydrolysate as a carbon source**

Kurt A. S., ÇEKMECELİOĞLU D.

1st International/11th National Food Engineering Congress, 7 - 09 November 2019

IV. **Fed batch production of polygalacturonase and pectin lyase enzymes using apple pomace as feedstock**

ÇEKMECELİOĞLU D., Güneruz A.

1st International/11th National Food Engineering Congress, 7 - 09 November 2019

V. **Comparative study of microbial oil production using Lipomyces starkeyi and Rhodosporidium toruloides yeasts**

Gürel N., ÇEKMECELİOĞLU D.

1st International/11th National Food Engineering Congress, 7 - 09 November 2019, pp.90

VI. **Farklı Sentetik Şeker Bileşiminde Mikrobiyal Yağ Üretimi**

Gürel N., ÇEKMECELİOĞLU D.

YABİTED IV. Bitkisel Yağ Kongresi, Turkey, 18 - 19 April 2019, pp.32

VII. **Evaluating fungal co-production of cellulase and xylanase enzymes at shake-flask scale using distillers dried grain with solubles (DDGS) and its validation in benchtop fermenters**

ÇEKMECELİOĞLU D., Demirci A.

Conference of Food Engineering, 10 - 12 September 2018, pp.173

VIII. **The evaluation of acid pretreatment of DDGS as a carbon source for microbial fermentation**

Iram A., Demirci A., ÇEKMECELİOĞLU D.

Northeast Agricultural and Biological Engineering Conference, 15 - 18 July 2018

IX. **Co-production of pectinase, xylanase and cellulase complex using Bacillus subtilis grown on food processing wastes**

ÇEKMECELİOĞLU D., DOĞAN Ö. B.

EurAsia 2018 Waste Management Symposium, 2 - 04 May 2018

- X. **Melas Kullanılarak Yerel Micractinium sp. ME05 Suşunun Büyütülmesi ve Yağ Üretimi**
Köse Engin I., ÇEKMECELİOĞLU D., YÜCEL A. M. , ÖKTEM H. A.
19. ULUSLARARASI KATILIMLI ULUSAL BİYOTEKNOLOJİ KONGRESİ, Turkey, 1 - 03 December 2017
- XI. **Yerel Micractinium sp. ME05 Suşunun Şilempe Kullanılarak Büyütülmesi ve Biyodizel Üretimi**
Köse Engin I., ÇEKMECELİOĞLU D., YÜCEL A. M. , ÖKTEM H. A.
19. ULUSLARARASI KATILIMLI ULUSAL BİYOTEKNOLOJİ KONGRESİ, Turkey, 1 - 03 December 2017
- XII. **Evaluating fungal co-production of cellulase and xylanase enzymes at shake-flask scale using distillers dried grains with solubles (DDGS) and its validation in benchtop fermenters**
Cekmecelioglu D., Demirci A.
ASABE 2018 Annual International Meeting, Michigan, United States Of America, 29 July - 01 August 2018
- XIII. **Feasibility of DDGS for Production of Cellulase and Xylanase Enzymes Cocktail**
Demirci A., ÇEKMECELİOĞLU D.
Northeast Agriculture and Biological Engineering Conference, 30 July - 02 August 2017
- XIV. **A comparison study of ozonolysis for conversion of hazelnut shells and corn stover to fermentable sugars**
UZUNER S., Sharma Shivappa R. R. , ÇEKMECELİOĞLU D.
3rd International conference on Food and Biosystems Engineering, 1 - 04 June 2017
- XV. **Optimization of growth and aflatoxin B1 detoxification conditions of Rhodococcus erythropolis in naturally contaminated groundnut meal**
DOĞAN Ö. B. , ÖNAL ULUSOY B., BOZOĞLU T. F. , SAĞDIÇOĞLU CELEP A. G. , ÇEKMECELİOĞLU D.
VII th International Bioengineering Congress, 19 - 21 November 2015
- XVI. **Evaluation of fermentation medium composition and conditions for bacterial pectinase production**
UZUNER S., ÇEKMECELİOĞLU D.
VII th International Bioengineering Congress, 19 - 21 November 2015
- XVII. **A rapid screening approach to factors affecting dilute acid hydrolysis of hazelnut shells**
UZUNER S., ÇEKMECELİOĞLU D.
4th International Conference on Food Engineering and Biotechnology, 19 - 20 May 2013, vol.50, pp.30-33

Supported Projects

ÇEKMECELİOĞLU D., Project Supported by Higher Education Institutions, Yerfıstığı Küspesindeki Aflatoxin B1 Toksininin Fermantasyon Yöntemiyle Parçalanması, 2014 - Continues

ÇEKMECELİOĞLU D., TUHANİOĞLU A., Project Supported by Higher Education Institutions, Rhodosporidium toruloides Mayası ile Ölçek Büyüterek Mikrobiyal Yağ Üretimi, 2020 - 2021

ÇEKMECELİOĞLU D., GÜREL N., Project Supported by Higher Education Institutions, MİKROBİYAL YAĞ ÜRETİMİNİN GIDA ENDÜSTRİSİ İÇİN DEĞERLENDİRİLMESİ, 2018 - 2019

ÇEKMECELİOĞLU D., GÜNERUZ A., Project Supported by Higher Education Institutions, KESİKLİ VE YARI-KESİKLİ YÖNTEMLERLE GIDA ATIKLARI KULLANARAK PEKTİNAZ ENZİMİ ÜRETİMİ, 2018 - 2019

ÇEKMECELİOĞLU D., ÖREN YARDIMCI G., Project Supported by Higher Education Institutions, GIDA ATIKLARINDAN BİYO-İŞLEMLERLE KATMA DEĞERLİ ÜRÜNLER ÜRETİMİ, 2018 - 2019

ÇEKMECELİOĞLU D., SULTAN KURT A., Project Supported by Higher Education Institutions, ÜZÜM POSASININ GIDA PROSESİNDE KULLANILMAK ÜZERE DEĞERLENDİRİLMESİ, 2018 - 2019

ÇEKMECELİOĞLU D., ÖREN YARDIMCI G., GÜREL N., GÜNERUZ A., Project Supported by Higher Education Institutions, Gıda Endüstrisi Atıklarının Katma-Değeri Yüksek Çoklu-Ürünlerin Üretiminde Kullanımı: Poligalakturonaz ve Pektin Liyaz Enzimleri ile Mikrobiyal Yağ Üretimi, 2018 - 2019

ÇEKMECELİOĞLU D., Project Supported by Higher Education Institutions, Fındık Kabuğunun Reaktör Ortamında Enzimatik Hidrolizi, 2015 - 2015

ÇEKMECELİOĞLU D., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ

PROJESİ, 2014 - 2014

ÇEKMECELİOĞLU D., Übeyitoğulları A., Project Supported by Higher Education Institutions, Kayısı Kurutmada Kükürtleme Yerine Hemiselüloz Kaplamasının Kullanılması, 2013 - 2014

ÇEKMECELİOĞLU D., ÜBEYİTOĞULLARI A., Project Supported by Higher Education Institutions, KAYISI KURUTMADA KÜKÜRTLEME YERİNE HEMİSELÜLOZ KAPLAMASININ KULLANILMASI, 2013 - 2013

ÇEKMECELİOĞLU D., Uzuner S., Project Supported by Higher Education Institutions, Gıda Endüstrisi Atıklarından Alkali Pektinaz Üretimi Ve Modellenmesi, 2011 - 2013

ÇEKMECELİOĞLU D., Project Supported by Higher Education Institutions, Bioethanol Production By Using Hazelnut Byproducts, 2012 - 2012

ÇEKMECELİOĞLU D., Project Supported by Higher Education Institutions, Gıda Atıklarından Karışık Kültür Fermentasyonu İle Ksilanaz Enzimi Üretimi, 2011 - 2011

ÇEKMECELİOĞLU D., Project Supported by Higher Education Institutions, Sonlu Elemanlar Yöntemi İle Yönle Değişmeyen Ve Yöne Bağımlı Besin Örneklerinin Kurutulmasının Modellenmesi, 2009 - 2009

ÇEKMECELİOĞLU D., Project Supported by Higher Education Institutions, Karışık Yemek Atıklarından Biyoetanol Üretimi, 2008 - 2008

Activities in Scientific Journals

Frontiers in Food Science and Technology, Evaluation Committee Member, 2021 - Continues

Scientific Refereeing

ENERGY & FUELS, Journal Indexed in SCI-E, December 2020

BIOMASS CONVERSION AND BIOREFINERY, Journal Indexed in SCI-E, October 2020

WASTE AND BIOMASS VALORIZATION, Journal Indexed in SCI-E, October 2020

WASTE MANAGEMENT, Journal Indexed in SCI-E, September 2020

RENEWABLE ENERGY, Journal Indexed in SCI-E, September 2020

INTERNATIONAL JOURNAL OF GREEN ENERGY, Journal Indexed in SCI-E, September 2020

ARABIAN JOURNAL OF CHEMISTRY, Journal Indexed in SCI-E, August 2020

JOURNAL OF FOOD SCIENCE, Journal Indexed in SCI-E, August 2020

Project Supported by Higher Education Institutions, BAP MSc, Middle East Technical University, Turkey, August 2020

BIOMASS & BIOENERGY, Journal Indexed in SCI-E, June 2020

Journal of solid waste management and technology , Other Indexed Journal, June 2020

JOURNAL OF FOOD SCIENCE, Journal Indexed in SCI-E, May 2020

TUBITAK Project, 1002 - Quick Support Program, Bolu Abant İzzet Baysal University, Turkey, April 2020

JOURNAL OF THE AIR & WASTE MANAGEMENT ASSOCIATION, Journal Indexed in SCI-E, December 2019

BIOMED RESEARCH INTERNATIONAL, Journal Indexed in SCI-E, November 2019

TUBITAK Project, 1002 - Quick Support Program, Siirt University, Turkey, November 2019

WASTE MANAGEMENT, Journal Indexed in SCI-E, October 2019

FOOD AND BIOPROCESS TECHNOLOGY, Journal Indexed in SCI-E, September 2019

Biocatalysis and Agricultural Biotechnology, Journal Indexed in ESCI, September 2019

WASTE MANAGEMENT, Journal Indexed in SCI-E, August 2019

Biocatalysis and Agricultural Biotechnology, Journal Indexed in ESCI, July 2019

Biocatalysis and Agricultural Biotechnology, Journal Indexed in ESCI, July 2019

Project Supported by Higher Education Institutions, BAP Other, Middle East Technical University, Turkey, May 2019

Project Supported by Higher Education Institutions, BAP Other, Middle East Technical University, Turkey, May 2019

TUBITAK Project, 1002 - Quick Support Program, Siirt University, Turkey, April 2019

TUBITAK Project, 1002 - Quick Support Program, Ege University, Turkey, April 2019

TUBITAK Project, 1511 - TUBITAK Priority Fields Research Technology Development and Innovation PDP, LEUDEX ARGE

GIDA SAĞLIK VE DANIŞMANLIK LİMİTED ŞİRKETİ, Turkey, April 2019
INTERNATIONAL JOURNAL OF GREEN ENERGY, Journal Indexed in SCI-E, March 2019
Biocatalysis and Agricultural Biotechnology, Journal Indexed in ESCI, March 2019
Biocatalysis and Agricultural Biotechnology, Journal Indexed in ESCI, February 2019
Project Supported by Higher Education Institutions, BAP Research Project, Yildiz Technical University, Turkey, February 2019
Project Supported by Higher Education Institutions, BAP Research Project, Middle East Technical University, Turkey, December 2018
FOOD AND BIOPROCESS TECHNOLOGY, Journal Indexed in SCI-E, November 2018
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HARRAN TARIM VE GIDA BİLİMLERİ DERGİSİ, National Scientific Refreed Journal, October 2018
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