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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAK-2064-2021

ScopusID: 57188981384

Yoksis Researcher ID: 320378

Education Information

Associate Degree, Anadolu University, Açıköğretim Fakültesi, Mülkiyet Koruma Ve Güvenlik Bölümü, Turkey 2019 - 2021

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Biyomühendislik, Turkey 2014 - 2019

Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Biyomühendislik, Turkey 2012 - 2014

Undergraduate, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Bioengineering, Turkey 2008 - 2012

Dissertations

Doctorate, Mikroalgal biyoproses optimizasyonu, mikroalgal ekstrakt yüklü nanopartiküllerin üretimi ve antikanser etkilerinin araştırılması, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Biyomühendislik, 2019

Postgraduate, Aljlerin biyoetanol üretiminde değerlendirilmesi, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Biyomühendislik, 2014

Research Areas

Life Sciences, Biotechnology, Biomaterial, Bioreactor, Industrial Biotechnology, Microbial Biotechnology, Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Bioengineering, 2022 - Continues

Academic and Administrative Experience

Deputy Head of Department, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Bioengineering, 2023 - Continues

Erasmus Program Department Coordinator, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Bioengineering, 2023 - Continues

Courses

Heat Transfer in Bioengineering, Undergraduate, 2023 - 2024

Bioprocess Engineering, Undergraduate, 2023 - 2024

Bioreactor Design, Undergraduate, 2022 - 2023

Project, Undergraduate, 2023 - 2024

Process Dynamics and Control in Bioengineering, Undergraduate, 2022 - 2023

Proje, Undergraduate, 2022 - 2023

Bitirme Tezi, Undergraduate, 2022 - 2023

Jury Memberships

Doctorate, Doctorate, Yıldız Teknik Üniversitesi, June, 2023

Doctoral Examination, Doctoral Examination, Yıldız Teknik Üniversitesi, May, 2023

Doctoral Examination, Doctoral Examination, Yıldız Teknik Üniversitesi, May, 2023

Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, February, 2023

Post Graduate, Post Graduate, Yıldız Teknik Üniversitesi, February, 2023

Post Graduate, Post Graduate, Fatih Sultan Mehmet Vakıf Üniversitesi, January, 2023

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Microfluidic systems as a novel approach for microalgal bioprocess**
Karacaoğlu B., İnan B., Balkanlı Özçimen D.
Biochemical Engineering Journal, vol.197, 2023 (SCI-Expanded)
- II. **Valorization of lignocellulosic wastes for low-cost and sustainable algal biodiesel production using biochar-based solid acid catalyst**
İnan B., Koçer A. T., Özçimen D. B.
JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS, vol.173, no.1, pp.1, 2023 (SCI-Expanded)
- III. **Effect of Process Parameters on Chitosan-mediated Microalgae Flocculation**
Akış S., İnan B., Özçimen D.
CHEMICAL AND BIOCHEMICAL ENGINEERING QUARTERLY, vol.37, no.2, pp.97-105, 2023 (SCI-Expanded)
- IV. **Preparation of Bacillus pumilus loaded electrosprayed nanoparticles as a plant protective against postharvest fungal decay**
Vehapi M., İnan B., Kayacan-Cakmakoglu S., Sagdic O., Özçimen D. B.
EUROPEAN JOURNAL OF PLANT PATHOLOGY, vol.1, no.1, pp.1, 2023 (SCI-Expanded)
- V. **Bioprospecting Antarctic microalgae as anticancer agent against PC-3 and AGS cell lines**
İNAN B., Mutlu B., KARACA G. A., Koç R. Ç., ÖZÇİMEN D.
Biochemical Engineering Journal, vol.195, 2023 (SCI-Expanded)
- VI. **Optimization of Growth Conditions for the Production of Bacillus subtilis Using Central Composite Design and Its Antagonism Against Pathogenic Fungi**
Vehapi M., İnan B., Kayacan-Cakmakoglu S., Sagdic O., Özçimen D.
PROBIOTICS AND ANTIMICROBIAL PROTEINS, vol.15, no.3, pp.682-693, 2023 (SCI-Expanded)
- VII. **A study of microalgae cultivation in hydrothermal carbonization process water: Nutrient recycling,**

characterization and process design

Koçer A. T., İnan B., Özçimen D., Gökalp İ.

ENVIRONMENTAL TECHNOLOGY AND INNOVATION, vol.30, pp.1-10, 2023 (SCI-Expanded)

- VIII. **Interactive effects of cold and temperate conditions on growth and biochemical content of Antarctic microalga *Chlorella variabilis* YTU.ANTARCTIC.001**
İnan B., Akın B., Ünlü İ. D., Koçer A. T., Çelik A., Vehapi M., Kaya Y., Özçimen D.
Journal of Applied Phycology, vol.35, no.2, pp.625-637, 2023 (SCI-Expanded)
- IX. **Effect of metallic nanoparticles on microalgal growth and lipid accumulation for biodiesel production**
Oztay D., İnan B., Kocer A. T., Özçimen D.
BRAZILIAN JOURNAL OF CHEMICAL ENGINEERING, vol.40, no.1, pp.103-114, 2023 (SCI-Expanded)
- X. **Production of *Bacillus subtilis* soil isolate as biocontrol agent under bioreactor conditions**
Vehapi M., İNAN B., KAYACAN ÇAKMAKOĞLU S., SAĞDIÇ O., ÖZÇİMEN D.
Archives of Microbiology, vol.205, no.1, 2023 (SCI-Expanded)
- XI. **Hydrothermal carbonization processes applied to wet organic waste streams**
Özçimen D., İnan B., Kocer A. T., Bostyn S., Gokalp I.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.46, no.12, pp.16109-16126, 2022 (SCI-Expanded)
- XII. **Monitoring microalgal growth of *Chlorella minutissima* with a new all solid-state contact nitrate selective sensor**
Balkanlı N. E., Işıldak İ., İnan B., Özer T., Özçimen D.
BIOTECHNOLOGY PROGRESS, vol.38, no.3, 2022 (SCI-Expanded)
- XIII. **Exopolysaccharides from microalgae: production, characterization, optimization and techno-economic assessment**
Kocer A. T., İnan B., Kaptan Usul S., Özçimen D., Yılmaz M. T., Işıldak İ.
BRAZILIAN JOURNAL OF MICROBIOLOGY, vol.52, no.4, pp.1779-1790, 2021 (SCI-Expanded)
- XIV. **Preparation and characterization of microalgal oil loaded alginate/poly (vinyl alcohol) electrosprayed nanoparticles**
İnan B., Özçimen D.
FOOD AND BIOPRODUCTS PROCESSING, vol.129, pp.105-114, 2021 (SCI-Expanded)
- XV. **Microalgal Bioprocess Toward the Production of Microalgal Oil Loaded Bovine Serum Albumin Nanoparticles**
İnan B., Özçimen D.
PROTEIN JOURNAL, vol.40, no.3, pp.377-387, 2021 (SCI-Expanded)
- XVI. **Comparison of the anticancer effect of microalgal oils and microalgal oil-loaded electrosprayed nanoparticles against PC-3, SHSY-5Y and AGS cell lines**
İnan B., Çakır Koç R., Özçimen D.
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, vol.49, no.1, pp.381-389, 2021 (SCI-Expanded)
- XVII. **In vitro cytotoxic activity of microalgal extracts loaded nano-micro particles produced via electrospraying and microemulsion methods**
Karakaş C. Y., Sahin H. T., İnan B., Özçimen D., Erginer Y.
BIOTECHNOLOGY PROGRESS, vol.35, no.6, 2019 (SCI-Expanded)
- XVIII. **A Comparative Study of Bioprocess Performance for Improvement of Bioethanol Production from Macroalgae**
İnan B., Özçimen D.
CHEMICAL AND BIOCHEMICAL ENGINEERING QUARTERLY, vol.33, no.1, pp.133-140, 2019 (SCI-Expanded)
- XIX. **Effect of Chemical Pre-treatments on Bioethanol Production from *Chlorella minutissima***
Sert B. S., İnan B., Özçimen D.
ACTA CHIMICA SLOVENICA, vol.65, no.1, pp.160-165, 2018 (SCI-Expanded)
- XX. **OPTIMIZATION OF BIODIESEL PRODUCTION FROM *Chlorella protothecoides* OIL VIA ULTRASOUND ASSISTED TRANSESTERIFICATION**
Özçimen D., Gulyurt M. O., İnan B.

CHEMICAL INDUSTRY & CHEMICAL ENGINEERING QUARTERLY, vol.23, no.3, pp.367-375, 2017 (SCI-Expanded)

XXI. Potential use of olive stone biochar as a hydroponic growing medium

Karakas C., Özçimen D., İnan B.

JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS, vol.125, pp.17-23, 2017 (SCI-Expanded)

XXII. Biodiesel Production from Chlorella protothecoides Oil by Microwave-Assisted Transesterification

Gulyurt M. O., Özçimen D., İnan B.

INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, vol.17, no.4, 2016 (SCI-Expanded)

Articles Published in Other Journals

I. Cytotoxicity of Usnea longissima Ach. extracts and its secondary metabolite, usnic acid on different cells

Engin T. A., Emsen B., Yılmaz R., Çakır Koç R., İnan B., Ozcimen D.

Anatolian Journal of Botany, vol.1, no.1, pp.1, 2023 (Peer-Reviewed Journal)

II. Recent advances in health biotechnology during pandemic

Arı Yuka S., Akpek A., Özarslan A., Vural A., Koçer A. T., Aslan A., Karaaltın A. B., Gök B., Yılmaz B. B., İnan B., et al.

Sigma Journal of Engineering and Natural Sciences, vol.41, no.3, pp.625-655, 2023 (ESCI)

III. Antimicrobial Activity of Algal Extracts Against Foodborne Pathogens

VEHAPİ M., İNAN B., ERARSLAN A., ÖZÇİMEN D.

Avrupa Bilim ve Teknoloji Dergisi, vol.0, pp.36-43, 2021 (Peer-Reviewed Journal)

IV. A comparison of bioethanol and biochar production from various algal biomass samples and sweet sorghum energy crop

Koçer A. T., B. İ., ÖZÇİMEN D.

Environmental Research & Technology, 2018 (Peer-Reviewed Journal)

V. Adsorption of Remazol Brilliant Blue R by raw and carbonized macroalgal wastes

Koçer A. T., B. İ., ÖZÇİMEN D.

Environmental Research & Technology, 2018 (Peer-Reviewed Journal)

VI. A Review on Algal Biopolymers

ÖZÇİMEN D., B. İ., MORKOÇ O., EFE A.

Journal of Chemical Engineering Research Updates, 2017 (Peer-Reviewed Journal)

Books & Book Chapters

I. Bioethanol Production Bioprocess from Microalgae

Özçimen D., Koçer A. T., İnan B., Özer T.

in: Handbook of Microalgae-based Processes and Products: Fundamentals and advances in energy, food, feed, fertilizer and bioactive compounds, EDUARDO JACOB-LOPES, Editor, Elsevier Science, Oxford/Amsterdam, Amsterdam, pp.1, 2020

II. Bioeconomic Assessment of Microalgal Production

Özçimen D., İnan B., Koçer A. T., Vehapi M.

in: Microalgal Biotechnology, Eduardo Jacob-Lopes, Editor, Intechopen (Invited), London, pp.195-213, 2018

III. Sustainable Design and Synthesis of Algal Biorefinery for Biofuel Production

Özçimen D., İnan B., Koçer A. T., Reyimu Z.

in: Biofuels: Production and Future Perspectives, Singh R. S., Pandey A., Gnansounou E., Editor, Taylor And Francis (In Press) (Invited), Basel, pp.431-460, 2016

IV. Utilization Alternatives of Algal Wastes for Solid Algal Products

Özçimen D., İnan B., Akış S., Koçer A. T.

in: Algal Biorefinery Volume 2: Products and Refinery Design, Prokop, Aleš, Bajpai, Rakesh K., Zappi, Mark E., Editor, Springer (Invited), New-York, pp.393-418, 2015

V. An Overview of Bioethanol Production from Algae

Özçimen D., İnan B.

in: Biofuels - Status and Perspective, Biernat K., Editor, Intech (Invited), Dubrovnik, pp.141-162, 2015

Refereed Congress / Symposium Publications in Proceedings

- I. **Bioprinting of Microalgae Laden Scaffold for Tissue Regeneration**
Yerlikaya D., İnan B., Balkanlı D.
AlgaEurope2023, Praha, Czech Republic, 12 - 15 December 2023, pp.424
- II. **Anticancer Activity of Antarctic and Arctic Microalgal Flavonoids and Electrospayed Nanoparticles**
Karaca G. A., İnan B., Erkin Ö. C., Balkanlı D.
AlgaEurope 2023, Praha, Czech Republic, 12 - 15 December 2023, pp.422
- III. **Evaluation of Avocado Peel Based Biochars As Adsorbent in Methyl Orange Adsorption**
ÜNLÜ İ. D., Koçer A. T., İNAN B., ÖZÇİMEN D.
6th Eurasia Waste Management Symposium, Turkey, 24 - 26 October 2022
- IV. **Bacillus safensis production towards biocontrol applications**
VEHAPİ M., İNAN B., KAYACAN S., KARACAOĞLU B., SAĞDIÇ O., ÖZÇİMEN D.
III. International Enzyme and Bioprocess Days, Tokat, Turkey, 9 - 11 September 2022
- V. **Cultivation of Chlorella variabilis YTU.ANTARCTIC.001 and Evaluating Its Anticancer Activity against PC-3 and AGS Cell Lines**
İNAN B., MUTLU B., KARACA G. A., ÇAKIR KOÇ R., ÖZÇİMEN D.
III. International Enzyme and Bioprocess Days EBDays 2022, Turkey, 9 - 11 September 2022
- VI. **Optimization of high value-added pigment production from Chlorella variabilis YTU.ANTARCTIC.001**
Koçer A. T., İNAN B., KARACA G. A., KARACAOĞLU B., ÖZÇİMEN D.
III. International Enzyme and BioprocessDays EBDays 2022, Turkey, 9 - 11 September 2022
- VII. **Bacillus safensis production towards biocontrol applications**
VEHAPİ M., İNAN B., KAYACAN S., SAĞDIÇ O., ÖZÇİMEN D.
III. International Enzyme and BioprocessDays EBDays 2020, Turkey, 9 - 11 September 2022
- VIII. **Kutup Mikroalgleri: Medikal Kremler için Yeni Bir Biyo-etken Madde Kaynağı**
EYİER Ş. M., AKIN B., İNAN B., Koçer A. T., ÖZÇİMEN D.
5. Ulusal Kutup Çalıştayı, Turkey, 30 November 2021
- IX. **Determination of Antioxidant Activity and Phenolic Content of Antarctic Microalgae**
ÇELİK A., İNAN B., AKIN B., ÜNLÜ İ. D., Koçer A. T., VEHAPİ M., ÖZÇİMEN D.
Algae Biomass Summit, Germany, 27 - 28 October 2021
- X. **Growth and biochemical response of Chlorella variabilis YTU.ANTARCTIC.001 to temperature and nitrogen stress**
İNAN B., AKIN B., ÜNLÜ İ. D., Koçer A. T., ÇELİK A., VEHAPİ M., ÖZÇİMEN D.
10th Algal Biomass, Biofuels and Bioproducts Conference, United States Of America, 14 - 16 June 2021
- XI. **Production of iron oxide nanoparticles from Ulva lactuca with green synthesis for use in dye adsorption**
Koçer A. T., İNAN B., ÖZÇİMEN D.
5th Eurasia Waste Management Symposium, Turkey, 26 - 28 October 2020
- XII. **Valorization of Various Lignocellulosic Wastes for Solid Acid Catalyst Production and Its Application in Biodiesel Production from Algal Oil**
İNAN B., Koçer A. T., ÖZÇİMEN D.
5th Eurasia Waste Management Symposium, Turkey, 26 - 28 October 2020
- XIII. **Treatment of Wastewater Generated by Wood-Based Dry Industry and Municipal Wastewater for Microalgae Cultivation**
VEHAPİ M., İNAN B., ÖZÇİMEN D.
5th Eurasia Waste Management Symposium, Turkey, 26 October 2020

- XIV. **Antarktika'dan İzole Edilen Auxenochlorella pyrenoidosa Mikroalginin Farklı Koşullar Altında Yetiştirilmesi ve Adaptasyonu**
ÇELİK A., İNAN B., Koçer A. T., VEHAPI M., KAYA Y., BAŞAR E., ÖZÇİMEN D.
4. Ulusal Kutup Çalıştayı, Turkey, 22 October 2020
- XV. **Antarktika'dan İzole Edilen Auxenochlorella pyrenoidosa Mikroalginin Antimikrobiyal Etkisinin İncelenmesi**
VEHAPI M., ÇELİK A., Koçer A. T., İNAN B., KAYA Y., ÖZÇİMEN D.
4. Ulusal Kutup Çalıştayı, Turkey, 22 October 2020
- XVI. **Antarktik Mikroalg Bazlı-Antimikrobiyal Etkili-Biyoaktif Yara Örtüsü Malzemesi Üretimi**
ÇELİK A., Koçer A. T., İNAN B., VEHAPI M., ÖZÇİMEN D.
4. Ulusal Kutup Çalıştayı, Turkey, 22 October 2020
- XVII. **Prevention of foodborne infections with algal biotechnology**
VEHAPI M., İNAN B., ERARSLAN A., ÖZÇİMEN D.
II. International Enzyme and BioprocessDays EBDays 2020, Turkey, 1 - 03 September 2020
- XVIII. **Effect of fluid and mass transfer characteristics on microalgal bioprocess**
İNAN B., ÖZÇİMEN D.
II. International Enzyme and BioprocessDays EBDays 2020, Turkey, 1 - 03 September 2020
- XIX. **Investigation of antibacterial and antifungal effects of C. variabilis isolated from Horseshoe Island, SkuaLake, Antarctica**
ÖZÇİMEN D., KAYA Y., AKSOY H. M., Koçer A. T., ÇELİK A., İNAN B., VEHAPI M., ÖZSOY B.
The Scientific Committee on Antarctic Research (SCAR) 2020 Open Science Conference, Australia, 3 - 04 August 2020
- XX. **Isolation and identification of some microorganism species collected from Horseshoe Island, Skua Lake, Antarctica and microalgae cultivation**
ÖZÇİMEN D., KAYA Y., AKSOY H. M., Koçer A. T., ÇELİK A., İNAN B., VEHAPI M., ÖZSOY B.
The Scientific Committee on Antarctic Research (SCAR) 2020 Open Science Conference, Australia, 3 - 04 August 2020
- XXI. **Fabrication of M. aeruginosa Oil Loaded Nanoparticles by Electrospraying**
B. İ., ÖZÇİMEN D.
16th Euro Fed Lipid Congress, Oils, Fats and Lipids for a Healthy and Sustainable World, 16 - 19 September 2018
- XXII. **Valorization of Orange Peel to Produce Solid, Liquid and Gaseous Biofuels**
Koçer A. T., B. İ., ÖZÇİMEN D.
Eurasia 2018 Waste Management Symposium, 2 - 04 May 2018
- XXIII. **Alglerin Balık Yemi Olarak Potansiyelinin Belirlenmesi**
B. İ., ÖZÇİMEN D.
19. Ulusal Su Ürünleri Sempozyumu, Turkey, 12 - 15 September 2017
- XXIV. **Innovative Approach to Encapsulation of Microalgal Oils for Enriched Products**
B. İ., ÖZÇİMEN D.
15th Euro Fed Lipid Congress, Oils, Fats and Lipids for a Healthy and Sustainable World, 27 - 30 August 2017
- XXV. **Optimization of Cultivation Conditions and Media Composition for High Lipid Productivity of M. aeruginosa**
B. İ., ÖZÇİMEN D.
15th Euro Fed Lipid Congress, Oils, Fats and Lipids for a Healthy and Sustainable World, 27 - 30 August 2017
- XXVI. **Chlorella Minutissima Mikroalginden Ekzopolisakkarit Üretimi**
KAPTAN USUL S., ÖZÇİMEN D., YILMAZ M. T., Koçer A. T., B. İ., İŞILDAK İ.
8. Ulusal Kimya Öğrenci Kongresi, Turkey, 16 - 18 May 2017
- XXVII. **Relationship Investigation Between Lipid Accumulation and Nitrogen Consumption of C.minutissima Using Special Designed Nitrate Sensor**
BALKANLI N. E., İŞILDAK İ., ÖZÇİMEN D., ERCİ V., B. İ.
108th AOCs Annual Meeting Expo, 30 April - 03 May 2017
- XXVIII. **Statistical Analysis of the Parameters Affecting the Amount of Bioactive Substances of B. Braunii**

Microalgae

B. İ., ÖZÇİMEN D.

108th AOCs Annual Meeting Expo, 30 April - 03 May 2017

- XXIX. **Biyoaktiflerce Zengin Algal Yağların Nanoteknolojik Yöntemle Gıda ve Farmasötik Alanında Değerlendirilmesi**
B. İ., ÖZÇİMEN D.
V. Ulusal Nanoteknoloji Kongresi, Turkey, 9 - 10 March 2017
- XXX. **Çeşitli Algal Biyopolimerlerin Nanoteknolojik Ürün Olarak Kullanımının Araştırılması**
Karakas C. Y., B. İ., BALKANLI N. E., ÖZÇİMEN D.
V. Ulusal Nanoteknoloji Kongresi, Turkey, 9 - 10 March 2017
- XXXI. **Bioethanol Production from *C. Minutissima* Cultivated in Lab-Scale Photobioreactor**
Sert B. S., ÖZÇİMEN D., B. İ., BALKANLI N. E.
2nd International Conference on Energy Systems (ICES-2016), 21 - 23 December 2016
- XXXII. **Biopolymer production from algae for medical usage**
BALKANLI N. E., B. İ., Karakas C. Y., ÖZÇİMEN D.
International Conference on Engineering and Natural Science (ICENS 2016), 24 - 28 May 2016
- XXXIII. **A Preliminary Study on Development of Nanostructured Lipid Carriers Loaded with Microalgal Oil**
B. İ., ÖZÇİMEN D.
International Conference on Engineering and Natural Science (ICENS 2016), 24 - 28 May 2016
- XXXIV. **Algal Yogurt Production**
Karakas C. Y., B. İ., BALKANLI N. E., ÖZÇİMEN D.
IV. International Food R D Project Market, 24 May 2016
- XXXV. **Marine Microalgae Growth in Batch Culture Treating Municipal Wastewater**
REYİMU Z., ÖZÇİMEN D., Koçer A. T., B. İ.
Eurasia 2016 Waste Management Symposium, 2 - 04 May 2016
- XXXVI. **Usage of Microalgal Fatty Acids for Biopharmaceutical Drugs**
ÖZÇİMEN D., B. İ., Koçer A. T., BALKANLI N. E.
107th AOCs Annual Meeting Expo, 1 - 04 May 2016
- XXXVII. **Nanoparticles Usage as an Innovative Approach for Inducing Lipid Production of Microalgal Cells**
ÖZTAY D., ÖZÇİMEN D., Koçer A. T., B. İ., BALKANLI N. E.
107th AOCs Annual Meeting Expo, 1 - 04 May 2016
- XXXVIII. **Microalgal biodiesel production from *Chlorella vulgaris***
ÖZÇİMEN D., B. İ., Koçer A. T.
13th Euro Fed Lipid Congress, Oils, Fats and Lipids for a Healthy and Sustainable World, 27 - 30 September 2015
- XXXIX. **Determination of fatty acid profile of *Chlorella minutissima* oil for biodiesel production**
B. İ.
13th Euro Fed Lipid Congress, Oils, Fats and Lipids for a Healthy and Sustainable World, 27 - 30 September 2015
- XL. **Utilization of Macroalgal Biomass for Bioethanol Production by Performing Acid Pre-treatment**
B. İ., ÖZÇİMEN D.
International Conference on Microalgae and Biofuels, 30 - 31 July 2015
- XLI. **Utilization of Macroalgae via Thermochemical Process for Adsorbent Production**
Koçer A. T., ÖZÇİMEN D., B. İ., MUTLU B., REYİMU Z.
3rd International Symposium on Innovative Technologies in Engineering and Science, 3 - 05 June 2015
- XLII. **Biodiesel Production from Oils of *C. vulgaris* and *N. Oculata* Cultivated with Different Media Additives and Wastewater Sources**
ÖZÇİMEN D., B. İ., Koçer A. T., BALKANLI N. E.
106th AOCs Annual Meeting Expo, 3 - 06 May 2015
- XLIII. **Investigation of Growth Kinetics of *Nannochloropsis*, *Isochrysis* and *Tetraselmis* sp.**
ÖZÇİMEN D., VEHAPI M., Karakas C. Y., DEMİRER B. Ö., B. İ., AKIŞ S., Koçer A. T., REYİMU Z.
BIO ENG'14 Bioengineering Conference, 27 - 29 November 2014
- XLIV. **Alkaline Pre-Treatment of Macroalgae for Bioethanol Production**

- B. İ., ÖZÇİMEN D.
BIO ENG'14 Bioengineering Conference, 27 - 29 November 2014
- XLV. **Effect of Different Growth Parameters on Cell Proliferation of *Chlorella vulgaris***
DEMİRER B. Ö., ÖZÇİMEN D., VEHAPI M., Karakas C. Y., B. İ., AKIŞ S., Koçer A. T., Sert B. S.
BIO ENG'14 Bioengineering Conference, 27 - 29 November 2014
- XLVI. **Investigation of the Biochar Production Potential from Algae**
ÖZÇİMEN D., Koçer A. T., AKIŞ S., B. İ.
BIO ENG'14 Bioengineering Conference, 27 - 29 November 2014
- XLVII. **High Yield Biodiesel Production from Heterotrophically Cultivated *Chlorella protothecoides***
ÖZÇİMEN D., Gülyurt M. Ö., B. İ., BİLGİLİ M. S.
BIO ENG'14 Bioengineering Conference, 27 - 29 November 2014
- XLVIII. **Characterization of Microalgal Oils (*Chlorella vulgaris*, *Chlorella protothecoides* and *Nannochloropsis oculata*) for Biodiesel Production**
ÖZÇİMEN D., B. İ., DEMİRER B. Ö., Gülyurt M. Ö., AKIŞ S.
12nd Euro Fed Lipid Congress, 14 - 17 September 2014
- XLIX. **Etkin Güneş Işığı Aktarımına Sahip Fotobiyoreaktör Tasarımı**
IŞILDAK İ., ÖZÇİMEN D., B. İ., KILIÇ G.
İlk İşim Girişim” Endüstriyel Rekabetçilik Proje Pazarı, Turkey, 22 May 2014
- L. **Essential oil components in macroalgae for human health**
ÖZÇİMEN D., B. İ., DEMİRER B. Ö.
105th AOCs Annual Meeting Expo, 4 - 07 May 2014
- LI. **Biogas Production Potential from Post-Extraction Algal Residue**
ÖZÇİMEN D., SALAN T., B. İ.
Eurasia Waste Management Symposium-2014, 28 - 30 April 2014
- LII. **The Utilization of Sweet Sorghum Residues for Biochar Production**
ÖZÇİMEN D., B. İ.
Eurasia Waste Management Symposium-2014, 28 - 30 April 2014
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