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Publons / Web Of Science ResearcherID: O-7250-2019

ScopusID: 6506240734

Yoksis Researcher ID: 49609

Education Information

Doctorate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Çevre Bilimleri (Dr), Turkey 2003 - 2009

Postgraduate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Çevre Teknolojisi (YI) (Tezli), Turkey 1999 - 2002

Undergraduate, Dokuz Eylul University, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, Turkey 1994 - 1998

Dissertations

Doctorate, Ethanol Production from cheese whey powder solution by fermentation, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Çevre Bilimleri (Dr), 2009

Postgraduate, Utilization of nitrogen fixing organisms in biological treatment of nitrogen deficient wastewaters, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Çevre Teknolojisi (YI) (Tezli), 2002

Research Areas

Environmental Engineering, Waste Water Collection and Treatment, Pollution Prevention and Waste Reduction, Water Pollution and Control, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Dokuz Eylul University, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, 2020 - Continues

Assistant Professor, Dokuz Eylul University, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, 2011 - 2020

Research Assistant, Dokuz Eylul University, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, 2002 - 2011

Academic and Administrative Experience

Deputy Head of Department, Dokuz Eylul University, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, 2015 - 2018

Courses

MAK 2019 TERMODİNAMIĞE GİRİŞ, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014
NOVEL BIOPROCESSES FOR WASTE TREATMENT, Postgraduate, 2016 - 2017, 2015 - 2016, 2013 - 2014
ÇEV 1003 TEKNİK İNGİLİZCE, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014
ÇEV 1012 TEKNİK İNGİLİZCE, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014
MTS 3001 Biyoteknoloji, Undergraduate, 2015 - 2016, 2014 - 2015
Natural Treatment Systems, Postgraduate, 2014 - 2015, 2013 - 2014
BIO 2590 BİOLOGY FOR ENGINEERS, Undergraduate, 2012 - 2013

Advising Theses

ÖZMIHÇI S., Atık hammaddelerden aseton, bütanol ve etanol üretimi, Postgraduate, G.DOĞAN(Student), 2020
ÖZMIHÇI S., Tarımsal, endüstriyel kaynaklı kirletilmiş bir atıksuyun mor fototrafik bakteriler ile arıtılması, Postgraduate, R.TUĞCAN(Student), 2020
ÖZMIHÇI S., Çeltik kavuzundan biyohidrojen üretimi, Postgraduate, G.GİZEM(Student), 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Environmental impact analysis of different wastes to biohydrogen, biogas and biohythane processes**
Özen Daş İ. T., Özmihçi S., Büyükkamacı N.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.56, pp.1446-1463, 2024 (SCI-Expanded)
- II. **Statistical Optimization of Biohydrogen Fermentation from a Perspective of Butyrate Production**
Karakaya G., Özmihçi S.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.00, no.00, 2023 (SCI-Expanded)
- III. **Impacts of mycotoxin on biohydrogen production from waste dry fruits**
Özmihçi S., Hacıoğlu I., Altındag E. E.
JOURNAL OF MATERIAL CYCLES AND WASTE MANAGEMENT, vol.24, no.5, pp.1736-1746, 2022 (SCI-Expanded)
- IV. **Effects of rice husk particle size on biohydrogen production under solid state fermentation**
Tosuner Z. V., Taylan G. G., Ozmuhi S.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.44, no.34, pp.18785-18791, 2019 (SCI-Expanded)
- V. **Performance of batch solid state fermentation for hydrogen production using ground wheat residue**
ÖZMIHÇI S.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.42, no.37, pp.23494-23499, 2017 (SCI-Expanded)
- VI. **Enhanced cellulose fermentation and end-product synthesis by Clostridium thermocellum with varied nutrient compositions under carbon-excess conditions**
Islam R., ÖZMIHÇI S., Cicek N., Sparling R., Levin D. B.
BIOMASS & BIOENERGY, vol.48, pp.213-223, 2013 (SCI-Expanded)
- VII. **Effect of initial bacteria concentration on hydrogen gas production from cheese whey powder solution by thermophilic dark fermentation**
Kargi F., Eren N. S., ÖZMIHÇI S.
BIOTECHNOLOGY PROGRESS, vol.28, no.4, pp.931-936, 2012 (SCI-Expanded)
- VIII. **Bio-hydrogen production from cheese whey powder (CWP) solution: Comparison of thermophilic and mesophilic dark fermentations**
Kargi F., Eren N. S., ÖZMIHÇI S.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.37, no.10, pp.8338-8342, 2012 (SCI-Expanded)
- IX. **Hydrogen gas production from cheese whey powder (CWP) solution by thermophilic dark fermentation**
Kargi F., Eren N. S., ÖZMIHÇI S.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.37, no.3, pp.2260-2266, 2012 (SCI-Expanded)
- X. **Dark fermentative bio-hydrogen production from waste wheat starch using co-culture with periodic**

feeding: Effects of substrate loading rate

ÖZMIHÇI S., Kargi F.

INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.36, no.12, pp.7089-7093, 2011 (SCI-Expanded)

- XI. **Thermophilic dark fermentation of acid hydrolyzed waste ground wheat for hydrogen gas production**
ÖZMIHÇI S., Kargi F., Cakir A.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.36, no.3, pp.2111-2117, 2011 (SCI-Expanded)
- XII. **Comparison of bio-hydrogen production from hydrolyzed wheat starch by mesophilic and thermophilic dark fermentation**
Cakir A., ÖZMIHÇI S., Kargi F.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.35, no.24, pp.13214-13218, 2010 (SCI-Expanded)
- XIII. **Bio-hydrogen production by photo-fermentation of dark fermentation effluent with intermittent feeding and effluent removal**
ÖZMIHÇI S., Kargi F.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.35, no.13, pp.6674-6680, 2010 (SCI-Expanded)
- XIV. **Effects of dark/light bacteria ratio on bio-hydrogen production by combined fed-batch fermentation of ground wheat starch**
Kargi F., ÖZMIHÇI S.
BIOMASS & BIOENERGY, vol.34, no.6, pp.869-874, 2010 (SCI-Expanded)
- XV. **Comparison of different mixed cultures for bio-hydrogen production from ground wheat starch by combined dark and light fermentation**
ÖZMIHÇI S., Kargi F.
JOURNAL OF INDUSTRIAL MICROBIOLOGY & BIOTECHNOLOGY, vol.37, no.4, pp.341-347, 2010 (SCI-Expanded)
- XVI. **Effects of starch loading rate on performance of combined fed-batch fermentation of ground wheat for bio-hydrogen production**
ÖZMIHÇI S., Kargi F.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.35, no.3, pp.1106-1111, 2010 (SCI-Expanded)
- XVII. **Fermentation of cheese whey powder solution to ethanol in a packed-column bioreactor: effects of feed sugar concentration**
ÖZMIHÇI S., Kargi F.
JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY, vol.84, no.1, pp.106-111, 2009 (SCI-Expanded)
- XVIII. **Ethanol production from cheese whey powder solution in a packed column bioreactor at different hydraulic residence times**
ÖZMIHÇI S., Kargi F.
BIOCHEMICAL ENGINEERING JOURNAL, vol.42, no.2, pp.180-185, 2008 (SCI-Expanded)
- XIX. **Kinetics of batch ethanol fermentation of cheese-whey powder (CWP) solution as function of substrate and yeast concentrations**
ÖZMIHÇI S., Kargi F.
BIORESOURCE TECHNOLOGY, vol.98, no.16, pp.2978-2984, 2007 (SCI-Expanded)
- XX. **Effects of feed sugar concentration on continuous ethanol fermentation of cheese whey powder solution (CWP)**
ÖZMIHÇI S., Kargi F.
ENZYMES AND MICROBIAL TECHNOLOGY, vol.41, pp.876-880, 2007 (SCI-Expanded)
- XXI. **Ethanol fermentation of cheese whey powder solution by repeated fed-batch operation**
ÖZMIHÇI S., Kargi F.
ENZYMES AND MICROBIAL TECHNOLOGY, vol.41, pp.169-174, 2007 (SCI-Expanded)
- XXII. **Comparison of yeast strains for batch ethanol fermentation of cheese-whey powder (CWP) solution**
Ozmihci S., Kargi F.
LETTERS IN APPLIED MICROBIOLOGY, vol.44, no.6, pp.602-606, 2007 (SCI-Expanded)
- XXIII. **Continuous ethanol fermentation of cheese whey powder solution: effects of hydraulic residence time**

- ÖZMIHÇI S., Kargi F.
BIOPROCESS AND BIOSYSTEMS ENGINEERING, vol.30, no.2, pp.79-86, 2007 (SCI-Expanded)
- XXIV. **Utilization of powdered waste sludge (PWS) for removal of textile dyestuffs from wastewater by adsorption**
ÖZMIHÇI S., Kargi F.
JOURNAL OF ENVIRONMENTAL MANAGEMENT, vol.81, no.3, pp.307-314, 2006 (SCI-Expanded)
- XXV. **Utilization of cheese whey powder (CWP) for ethanol fermentations: Effects of operating parameters**
Kargi F., Ozmihci S.
ENZYLE AND MICROBIAL TECHNOLOGY, vol.38, no.5, pp.711-718, 2006 (SCI-Expanded)
- XXVI. **Comparison of adsorption performances of powdered activated sludge and powdered activated carbon for removal of turquoise blue dyestuff**
Kargi F., Ozmihci S.
PROCESS BIOCHEMISTRY, vol.40, no.7, pp.2539-2544, 2005 (SCI-Expanded)
- XXVII. **Batch biological treatment of nitrogen deficient synthetic wastewater using Azotobacter supplemented activated sludge**
Kargi F., Ozmihci S.
BIORESOURCETECHNOLOGY, vol.94, no.2, pp.113-117, 2004 (SCI-Expanded)
- XXVIII. **Biosorption performance of powdered activated sludge for removal of different dyestuffs**
Kargi F., Ozmihci S.
ENZYLE AND MICROBIAL TECHNOLOGY, vol.35, no.2-3, pp.267-271, 2004 (SCI-Expanded)
- XXIX. **Performance of azotobacter supplemented activated sludge in biological treatment of nitrogen deficient wastewater**
Kargi F., Ozmihci S.
PROCESS BIOCHEMISTRY, vol.38, no.1, pp.57-64, 2002 (SCI-Expanded)
- XXX. **Improved biological treatment of nitrogen-deficient wastewater by incorporation of N-2-fixing bacteria**
Kargi F., Ozmihci S.
BIOTECHNOLOGY LETTERS, vol.24, no.15, pp.1281-1284, 2002 (SCI-Expanded)

Articles Published in Other Journals

- I. **Mikrodalga ön işleminde geçirilmiş atık kuru incirin Biyohidrojen üretimi için değerlendirilmesi**
Özmihçi S., Hacıoğlu İ.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.00, no.00, 2023 (ESCI)
- II. **Investigation of the development of purslane plant (Portulaca Oleracea L.) under soil stress conditions (Cultivation of Purslane (Portulaca oleracea) under Soil Stress Conditions)**
GÜVEN E. D., ÖZMIHÇI S., AKINCI G., Tümer B., Uyar M.
TURKISH JOURNAL OF AGRICULTURE: FOOD SCIENCE AND TECHNOLOGY, pp.3014-3021, 2022 (Peer-Reviewed Journal)
- III. **Fermentatif hidrojen üretiminin alfa-selüloz ile anaerobik çamur ve sığır gübresi karışımlarını kullanarak Değerlendirilmesi**
ÖZMIHÇI S.
Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.19, no.56, pp.543-552, 2017 (Peer-Reviewed Journal)

Books & Book Chapters

I. **Biological conversion technologies: enzyme hydrolysis, ethanol fermentation**

Özmihçi S., İmamoğlu E., Askanbay Güler B., Deniz İ.

in: Bioenergy Engineering: Fundamentals, Methods, Modelling, and Applications, Krushna Shadangi, Prakash Sarangi, Kaustubha Mohanty, Irem Deniz, Anjani Gollakota, Editor, Elsevier Books, London, pp.125-135, 2023

Refereed Congress / Symposium Publications in Proceedings

I. **Estimation of Biofuel Production Potential from Biomass in Aydın**

Düzen A., Özmihçi S.

2nd INTERNATIONAL SYMPOSIUM SERIES ON GRADUATE RESEARCHES 2023- ENGINEERING SCIENCE AND TECHNOLOGY, İzmir, Turkey, 21 - 22 December 2023

II. **An Examination of Concentrations of Arsenic and Heavy Metals in Vegetables, Fruits, and Edible Wild Plants Sourced from Origins**

Tümer B., Şen G., Özmihçi S.

2nd INTERNATIONAL SYMPOSIUM SERIES ON GRADUATE RESEARCHES 2023-ENGINEERING SCIENCE, İzmir, Turkey, 21 - 22 December 2023, vol.0, no.0

III. **Environmental Impact Analysis for a Sequential Biofuel Production Process with GABI Software**

Özen Daş İ. T., Özmihçi S., Büyükkamacı N., Erdem S. B.

DOKUZ EYLÜL UNIVERSITY INTERNATIONAL SYMPOSIUM SERIES ON GRADUATE RESEARCHES 2023 Life Science Section (Online Symposium) 9-10 November 2023, İzmir, Turkey, 9 - 10 November 2023

IV. **Ağır metaller ile kirletilmiş topraklarda yetişen semizotu bitkisinin fitoremediasyon potansiyeli üzerine bir ön çalışma**

Güven E. D., Özmihçi S., Şen G., Acar E., Poyraz E. N., Şatır A.

6th International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 11 - 13 October 2023, pp.1253-1259

V. **Butyrate generation during the fermentation of biohydrogen as a green chemical**

Karakaya G., Özmihçi S.

11. Global Conference on Global Warming, İstanbul, Turkey, 14 - 16 June 2023, vol.00, no.0

VI. **The effects of calcium carbonate on hydrogen and butyrate production**

Karakaya G., Erim Ş., Özmihçi S.

11. Global Conference on Global Warming, İstanbul, Turkey, 14 - 16 June 2023, vol.00, no.0

VII. **EVALUATION OF ASBESTOS IN TERMS OF OCCUPATIONAL SAFETY IN URBAN RENEWAL**

Bağcı Ö., Özmihçi S.

DEU INTERNATIONAL SYMPOSIUM SERIES ON GRADUATE RESEARCHES-2022 Engineering Science, İzmir, Turkey, 17 November 2022

VIII. **VALORIZATION OF GREEN MARKET WASTE FOR BIOHYDROGEN PRODUCTION**

Hacıoğlu İ., ÖZMIHÇI S., KARAPINAR İ., KÜS M., KELEŞ A., KARAGÜL İ.

WHEC2022 - 23rd World Hydrogen Energy Conference, İstanbul, Turkey, 25 July - 30 June 2022, pp.331-333

IX. **METALS ACCUMULATION AND TRANSFER IN Portulaca oleracea L. SAMPLES AS EDIBLE WILD PLANTS IN AEGEAN REGION OF MEDITERRANEAN AREA**

ÖZMIHÇI S., ÖZUYSAL A., GÜVEN E. D., AKINCI G.

The Seventh International Mediterranean Symposium on Medicinal and Aromatic Plants, İzmir, Turkey, 18 November 2021, pp.43

X. **Evaluation of Biohydrogen Production in Waste Dry Fruits**

Özmihçi S., Hacıoğlu İ., Altındağ E. E.

3rd International Hydrogen Energy Conference and Exhibitions (IHEC 2021), Ankara, Turkey, 16 June 2021

XI. **Tarımsal, Endüstriyel Kaynaklı Kirletilmiş Bir Model Atıksuda Mor Fototrofik Bakteriler ile Azot Giderimi"**

Pamuk R. T., ÖZMIHÇI S.

TMMOB ÇMO, XIII. ULUSLARARASI ÇEVRE MÜHENDİSLİĞİ KONGRESİ, Gebze, Ekim 2019, serbest bildiri,

- XII. **Evaluation of different food wastes for butanol fermentation by C. Beijerinckii**
Doğan G., ÖZMIHÇI S.
TMMOB?ÇMO, XIII. ULUSAL- I. ULUSLARARASI ÇEVRE MÜHENDİSLİĞİ KONGRESİ, Gebze, Ekim 2019, serbest bildiri,
TMMOB?ÇMO, XIII. ULUSAL- I.ULUSLARARASI ÇEVRE MÜHENDİSLİĞİ KONGRESİ, Kocaeli, Turkey, 10 - 12 October 2019
- XIII. **Optimization of co-culture ratio for biohydrogen production from rice husk under solid state fermentation**
velioğlu z., taylan g. g., ÖZMIHÇI S.
3rd international conference on viable energy trends, St. Petersburg, 1 - 03 September 2018, pp.44-56
- XIV. **optimization of rice husk particle size on bio-hydrogen gas production using co-culture**
taylan g. g., ÖZMIHÇI S.
7th international conference on engineering for waste and biomass valorisation, prag, Czech Republic, 2 - 05 July 2018, pp.120
- XV. **Biohydrogen production from waste rice husk using co-culture**
ÖZMIHÇI S., taylan g. g.
3.rd international hydrogen technologies congress, Alanya, Turkey, 15 - 18 March 2018, pp.97
- XVI. **Effects of rice husk particle size on biohydrogen production under solid state fermentation**
ÖZMIHÇI S., velioğlu z.
3. rdinternational hydrogen technologies congress, Alanya, Turkey, 15 - 18 March 2018, pp.98
- XVII. **Inverstigation of biohydrogen production potential in solid state fermentation**
velioğlu z., ÖZMIHÇI S., taylan g. g.
3 rd. ASM International congress of agriculture and environment, Antalya, Turkey, 16 - 18 November 2017, pp.23-24
- XVIII. **evaluation of rice husk for bio-hydrogen production**
ÖZMIHÇI S., velioğlu z.
proceedings of 7th international congress on biofuels and bioenergy, Toronto, Canada, 2 - 04 October 2017, vol.7, pp.46
- XIX. **Biohydrogen Production with Rice husk as substrate**
taylan g. g., ÖZMIHÇI S.
2nd. international conference on civil and environmental engineering, Nevşehir, Turkey, 8 - 10 May 2017
- XX. **Bio-hydrogen Production with C.intestinale in lignocellulosic Substrates**
ÖZMIHÇI S., taylan g. g., vurmaz m. ö.
2 nd international hydrogen technologies congress, Adana, Turkey, 15 - 18 March 2017, pp.34
- XXI. **Bio hydrogen production of ground wheat residue for using solid substrate fermentation**
ÖZMIHÇI S.
ANM 2016-Hydrogen Energy Session, Aveiro, Portugal, 25 - 27 July 2016, pp.31
- XXII. **Lignosellülozik Hammaddenin Biyohidrojen Üretimi için Asit Hİdrolizi Ön İşleminin Optimizasyonu**
ÖZMIHÇI S., paçalı s.
1. Ulusal Hidrojen Kongresi,UHTEK 2015, İstanbul, Turkey, 20 - 23 December 2015, pp.374
- XXIII. **Biohydrogen Production from alpha cellulose by using a co-culture of Clostridium Termitidis C 1112 and Clostridium İntestinale URNW**
ÖZMIHÇI S., perantham t., levin d.
BioH'2 Annaual Meeting, Winnipeg, Canada, 05 August 2013
- XXIV. **Hydrogen production from ground wheat powder solution with solid state fermentation**
ÖZMIHÇI S.
19 th. World Hydrogen Energy, WHEC 2012, Toronto, Canada, 3 - 07 June 2012
- XXV. **Biohydrogen Production from Waste Ground Wheat by Continuous Dark Fermentation: Effects of Hydraulic Residence Time**
ÖZMIHÇI S., kargı f.
V. Bioengineering Congress, İzmir, Turkey, 16 - 19 June 2010, pp.27

- XXVI. **Buğday :Atığından Kesikli Beslemeli İşletme ve Birleşik (Karanlık ve Aydınlik Faz) Fermentasyonla Bıyo-Hidrojen Üretimi**
ÖZMIHÇI S., kargı f.
IV. Ulusal Hidrojen Enerjisi Kongresi ve Sergisi, Kocaeli, Turkey, 15 - 16 October 2009, pp.101-108
- XXVII. **Geri Döngülü Sürekli Sistemin Peynir Altı Tozu ile Etanol Fermentasyonu Üzerine Etkileri**
ÖZMIHÇI S., kargı f.
IV. Ulusal Biyomühendislik Kongresi, İzmir, Turkey, 15 - 18 October 2008, pp.11-12
- XXVIII. **Ardışık Kesikli Sistemde Peynir Altı Tozundan Etanol Fermentasyonu**
ÖZMIHÇI S., kargı f.
XV. Ulusal Biyoteknoloji Kongresi, Antalya, Turkey, 28 - 31 October 2007, pp.342-346
- XXIX. **Sürekli Sistemde Peynir Altı Tozu ile Etanol Fermentasyonunda Alıkonma Süresinin Etkileri**
ÖZMIHÇI S., kargı f.
7. Ulusal Çevre Mühendisliği Kongresi, İzmir, Turkey, 24 - 27 October 2007, pp.572-582
- XXX. **Çevresel Koşulların Peynir Atıksuyu Tozundan Fermentasyonla Etanol Üretimine Etkileri**
ÖZMIHÇI S., kargı f.
14. Biyoteknoloji Kongresi, Eskişehir, Turkey, 31 August - 02 September 2005, pp.417-423
- XXXI. **Arıtma Çamurunun Değişik Boyar Maddelerin Gideriminde Adsorban olarak Değerlendirilmesi**
ÖZMIHÇI S., kargı f.
III. Ulusal Katı Atık Kongresi, UKAK 2005, İzmir, Turkey, 25 - 27 May 2005, pp.227-234
- XXXII. **Toz Aktif Çamurun Değişik Boyar Maddelerin Gideriminde Biyosorpsiyon Performansının Değerlendirilmesi**
ÖZMIHÇI S., kargı f.
I. Ulusal Çevre Kongresi, Sivas, Turkey, 13 - 15 October 2004, pp.479-486
- XXXIII. **Arıtma Çamurlarının Boyar Madde Gideriminde Asorban Olarak Değerlendirilmesi**
ÖZMIHÇI S., kargı f.
İTÜ 9.Endüstriyel Kirlenme Kontrolü Sempozyumu EKK2004, İstanbul, Turkey, 2 - 04 June 2004, pp.17-24
- XXXIV. **Azot İçeriği Düşük Atıksuların Biyolojik Arıtma Veriminin Azotobacter Kullanımı ile Arıtılması**
ÖZMIHÇI S., Kargı f.
Çevre Müh. B. ODTÜ 2. Ulusal Çevre Kirliliği Kontrolü Sempozyumu, Ankara, Turkey, 22 - 24 October 2003, pp.4-11
- XXXV. **Azot içeriği düşük atıksuların havadan azot bağlayan bakteriler yardımıyla kesikli sistemde biyolojik arıtımı**
ÖZMIHÇI S., kargı f.
V. Ulusal Çevre Mühendisliği Kongresi, Ankara, Turkey, 1 - 04 October 2003, pp.423-430
- XXXVI. **Biological Treatment of Nitrogen Deficient Wastewaters by Using Nitrogen Fixing Bacteria**
Fikret K., ÖZMIHÇI S.
Proceedings on Turkish-German Symposium on Recent Advances in Wastewater Treatment, İzmir, Turkey, 14 - 15 October 2001, pp.279-286
- XXXVII. **Pakmaya Arıtma Çıkış Suyunda Kimyasal Oksidasyonla Renk Arıtımı**
ÖZMIHÇI S., Kargı F.
III. Çevre Mühendisliği Odası, Çevre Mühendisliği Kongresi, İzmir, Turkey, 25 - 26 November 1999, vol.1, pp.1-14

Supported Projects

ÖZMIHÇI S., ÖZÜNEL Z. G., KORKUT B., Project Supported by Higher Education Institutions, Yeşil kimyasal olarak Atıklardan laktik asit üretimi, 2023 - Continues

ÖZMIHÇI S., KARAPINAR İ., Karakaya G., Project Supported by Higher Education Institutions, Peyniraltı Tozundan Ticari Kimyasallardan Bütrik Asit Üretim Performansının İncelenmesi, 2023 - Continues

ÖZMIHÇI S., Ölçen K. K., Kelkitlioğlu K., KARAPINAR İ., EROL M., Project Supported by Higher Education Institutions, Atıktan Enerjiye: İklim Değişikliği Kontrolünde Kabron Nötr Biyoenerji Üretim Teknolojisinin Geliştirilmesi, 2023 - Continues

AKINCI G., GÜVEN E. D., EROL M., ÖZMIHÇI S., ÖZUYSAL A., ŞİMŞEK C., ÖZEL DEMİRALP F. D., KOÇER Z. A., CANLI K., Project Supported by Higher Education Institutions, İklim Değişikliğine Uyum Kapsamında Toprak Sağlığı Araştırmaları Canlı Laboratuvarı (LivingLab), 2022 - Continues

Özuyusal A., Erol M., Güven E. D., Şen G., Tüzün S. C., Özmişçi S., Karapınar İ., Project Supported by Higher Education Institutions, Kalıcı mikrokirleticilerin çevresel matrislerdeki dağılımı ve arıtımı: UV filtreleri ve mikroplastikler, 2024 - 2026

Şen G., Özmişçi S., Atılgan C., Şimşek C., Güven E. D., Canlı K., Çabuk M., Erol M., Keskin Ö. Y., TÜBİTAK Project, Çiftlikten Çatala - Küçük Menderes Havzasında Tarımsal Toprak ve Ürünlerde Mikroplastiklerin Dağılımı, Kaynakları ve Takibi, 2023 - 2026

Pullukcuoğlu Yapucu O., Özgün C., Özmişçi S., Baylan P., TÜBİTAK Project, 2023 - 2025

ÖZMIHÇI S., AKINCI G., Hacıoğlu İ., Project Supported by Higher Education Institutions, Atık meyveden ardışık biyoyakıt üretimi, 2021 - 2023

Akinci G., Özmişçi S., Güven E. D., Özuyusal A., EU Supported Other Project, VALORIZATION of Mediterranean small-scale FARMS by cropping wild UnExploited species-VALUEFARM, 2019 - 2023

Karapınar İ., Özmişçi S., Abibu W. A., Project Supported by Higher Education Institutions, MEYVE İŞLEME ENDÜSTRİSİ ORGANİK ATIKLARINDAN KARANLIK FERMANTASYONLA BİYOKÜTLE ÜRETİMİ, 2020 - 2021

Güler E., Aksoy C. O., Küçük K., Özuyusal A., Özmişçi S., Güven E. D., Özacar V., Şimşek C., Onargan T., Akinci G., et al., Project Supported by Other Official Institutions, Eti Maden İşletmeleri Genel Müdürlüğü-Kırka Bor İşletme Müdürlüğüne ait faaliyet sahasındaki yeraltı sularının kalitesini etkileyen sebeplerin araştırılması, 2017 - 2019

Özmişçi S., Çokay E., Eker S., TÜBİTAK Project, Lignoselülozik atıklardan katı faz fermentasyonu kullanarak biyo hidrojen gazı üretimi: Proje No: 101Y301, 2015 - 2018

ÖZMIHÇI S., Project Supported by Higher Education Institutions, Modifiye edilmiş doğal malzemelerin arsenik adsorpsiyon veriminin araştırılması; Proje No: KB.FEN.030, 2013 - 2015

ÖZMIHÇI S., TÜBİTAK Project, Yenilenebilir Enerji Kaynaklarından biyokütle Biyo hidrojen Üretimi Proje No 105 M 296 2006 2009; Yürütücü: Prof. Dr. Fikret Kargı, 2006 - 2009

Kargı F., Özmişçi S., Project Supported by Other Official Institutions, Gıda Sanayi atıksularından ticari kimyasal üretimi, 2005 - 2006

ÖZMIHÇI S., Project Supported by Higher Education Institutions, Utilization of nitrogen fixing organisms in biological treatment of nitrogen deficient wastewaters Proje No 0922 01 01 38; Koordinatör: Prof. Dr. Fikret Kargı, 2000 - 2002

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H-Index (Scopus): 21

Invited Talks

Türkiye Ekonomisinin Yeşil Büyüme Yolunda Kalkınmasını Desteklemek amacıyla sürdürülebilir biyokütle Kullanımı Projesi- Biyokütle Enerji Yolculuğu 8. Teknik Eğitimi, Seminar, Tarımsal Araştırmalar ve Politikalar Genel Müdürlüğü- UNİDO, Turkey, October 2023