Lect. PhD Arda KARLUVALI

Personal Information

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International Researcher IDs
ScholarID: oqUj7aYAAAAJ
ORCID: 0000-0002-0742-5779
Publons / Web Of Science ResearcherID: A-5571-2016
ScopusID: 57151415200
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Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Environmental Engineering, Turkey 2010 - 2016
Postgraduate, Istanbul Bilgi University, Institute Of Socıal Scıences, Business Administration, Turkey 2006 - 2008
Postgraduate, Universitaet Stuttgart, Mechanical Engineering, Air Quality Control, Solid Waste and Water Process Engineering, Germany 2003 - 2004
Undergraduate, Middle East Technical University, Faculty Of Engineering, Department Of Environmental Engineering, Turkey 1997 - 2002

Foreign Languages

German, B2 Upper Intermediate
English, C2 Mastery

Dissertations

Doctorate, Kompozit Tubular Elektrot Kullanılan Mikrobiyal Yakıt Hücresinde Biyobozunur Atıklardan Elektrik Enerjisi Üretimi, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Çevre Mühendisliği, 2016
Postgraduate, Measurement of Soot Oxidation Rate on Sintered Metal Filter and Assessment of Soot Oxidation Models, Institut für Mechanische Verfahrenstechnik, 2004

Research Areas

Waste Water Collection and Treatment, Environmental Impact Assessment, Environmental Policies, Industrial and Hazardous Waste Management, Solid Waste Engineering and Management, Pollution Prevention and Waste Reduction, Water Supply and Treatment

Academic Titles / Tasks

Lecturer PhD, Yildiz Technical University, Rectorate, -, 2020 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Electricity generation from organic fraction of municipal solid wastes in tubular microbial fuel cell**
Karluvah A., KÖROĞLU E. O., Manav N., Cetinkaya A. Y., ÖZKAYA B.
Separation and Purification Technology, vol.156, pp.502-511, 2015 (SCI-Expanded)

Articles Published in Other Journals

I. **EFFECT OF PRETREATMENT ON ELECTRICITY GENERATION FROM MUNICIPAL SOLID WASTE IN MICROBIAL FUEL CELL**
Karluvali A., Cetinkaya A. Y., KÖROĞLU E. O., ÖZKAYA B.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.33, no.4, pp.479-488, 2015 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

I. **Eco-Indicators for Municipal Waste Management of Istanbul: A Historical Perspective**
Özkaya B., Demir A., Çetinkaya A. Y., Bilgili L., Karluvalı A.
IRRC Waste-to-Energy, Vienna, Austria, 14 - 15 October 2019, pp.143-152

II. **Historical Development in Microbial Fuel Cell Design and Performance in Yildiz Technical University**
KÖROĞLU E. O., ÇETİNKAYA A. Y., KARLUVALİ A., ÖZKAYA B., DEMİR A.
International Workshop on 'Microbial Electrochemical Technologies for Sustainability: Fuels, Chemicals, Remediation', HAYDARABAD, India, 28 February 2017

III. **Production Of Electricity And Wastewater Treatment With Microbial Fuel Cell**
Köroğlu E. O., Karluvalı A., Akoğlu B., Çetinkaya A. Y., Özkaya B.
İstanbul International Solid Waste, Water and Wastewater (3W) Congress, İstanbul, Turkey, 22 - 24 May 2013, pp.290-291

Supported Projects

BOYNUEĞRİ A. R., ERDİNÇ O., KARLUVALI A., YİĞİT H., ÖZKAYA B., GÖKÇEK T., RASHEED J., Project Supported by Higher Education Institutions, Araştırma Eğitim Toplumsal Katkı ve Dijital Dönüşüm Verilerinin Analitiği İçin Makine Öğrenimi Temelli Büyük Veri Analitik Raporlama Ekosistemi, 2023 - Continues
KARLUVALI A., TAHERI MOUSAVI S. M., ÇETİNKAYA A. Y., ÖZKAYA B., Project Supported by Higher Education Institutions, GÜNEŞ ENERJİLİ DAMITMA SİSTEMİNDE FAZ DEĞİŞİM MALZEMESİNİN ETKİSİ, 2022 - 2023
Özkaya B., Doğan U., Gürtürk M., Akpınar B., Aykut N. O., Erkmen B., Amasyalı M. F., Erdinç O., Aladağ H., Karanlık G., et al., Project Supported by Higher Education Institutions, Üniversite Kampüslerinin Dijitalleşme Sürecinin Analizi, 2021 - 2021
Özkaya B., Karluvalı A., Project Supported by Higher Education Institutions, ELECTRICITY GENERATION FROM BIODEGRADABLE WASTES IN MICROBIAL FUEL CELL , 2013 - 2014

Metrics

Publication: 5
Citation (WoS): 21
Citation (Scopus): 34
H-Index (WoS): 1
H-Index (Scopus): 1

Non Academic Experience

Company, Rast Mühendislik Hiz. Ltd.
Rast Mühendislik Hizmetleri Ltd. Şti.