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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: CAF-6302-2022

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Education Information

Doctorate, Ataturk University, Mühendislik Fakültesi, Kimya Mühendisliği, Turkey 2012 - 2019

Postgraduate, Ataturk University, Mühendislik Fakültesi, Kimya Mühendisliği, Turkey 2009 - 2012

Undergraduate, Ataturk University, Mühendislik Fakültesi, Kimya Mühendisliği, Turkey 2005 - 2009

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, Investigation of styrenated oil based polar membrane preparation and characterization, Ataturk University, Mühendislik Fakültesi, Kimya Mühendisliği, 2019

Postgraduate, Determination of the optimum conditions of H₃BO₃ production from colemanite by CO₂ under pressure, Ataturk University, Mühendislik Fakültesi, Kimya Mühendisliği, 2012

Research Areas

Chemical Technologies

Academic Titles / Tasks

Lecturer PhD, Ataturk University, Aşkale Meslek Yüksekokulu, Makine ve Metal Teknolojileri, 2019 - Continues

Lecturer, Ataturk University, Aşkale Meslek Yüksekokulu, Makine ve Metal Teknolojileri, 2013 - 2019

Published journal articles indexed by SCI, SSCI, and AHCI

1. Efficient removal of congo red and cytotoxicity evaluation of biosorbents prepared from chitosan-added watermelon pulp

Bingöl M. S.

SCIENTIFIC REPORTS, vol.14, no.23170, pp.1-13, 2024 (SCI-Expanded)

- II. **Hummers' method-assisted liquid-phase exfoliation enables the fabrication of few-layer borophene from bulk boron**
Bingöl M. S., Yılmaz M., Kasapoğlu A. E.
TURKISH JOURNAL OF CHEMISTRY, vol.48, no.2, pp.289-299, 2024 (SCI-Expanded)
- III. **The heavy metals content in leaves and branch of Hippophae rhamnoides L. and Pyrus elaeagnifolia Pall. in the highway side (European route E80) in Türkiye**
Bingöl M. S., Çomaklı E., Özgül M., Altun M., Çomaklı T.
ENVIRONMENTAL EARTH SCIENCES, vol.82, pp.1-10, 2023 (SCI-Expanded)
- IV. **Removal of methylene blue dye from aqueous solution using citric acid modified apricot stone**
Kavci E., ERKMEN J., BİNGÖL M. S.
CHEMICAL ENGINEERING COMMUNICATIONS, vol.210, no.2, pp.165-180, 2023 (SCI-Expanded)
- V. **Preparation, Characterization of Chitosan-Coated/Uncoated Boron Nanoparticles and In-Vitro Evaluation of Their Antimicrobial Effects**
Ozakar R., BİNGÖL M. S., ADIGÜZEL M. C., ÖZAKAR E.
POLYMER-KOREA, vol.46, no.6, pp.709-721, 2022 (SCI-Expanded)
- VI. **Effects of Prepared Gadolinium Oxide-Doped Chitosan/PVA Hydrogels on Congo Red Removal in Water**
BİNGÖL M. S.
WATER AIR AND SOIL POLLUTION, vol.233, no.10, 2022 (SCI-Expanded)
- VII. **Development of a new route for cation exchange membrane fabrication by using GO reinforced styrenated oil**
BİNGÖL M. S., ATA O. N., Alemdar N.
REACTIVE & FUNCTIONAL POLYMERS, vol.178, 2022 (SCI-Expanded)
- VIII. **Investigation of boron nanosized particles prepared with various surfactants and chitosan in terms of physical stability and cell viability**
ÖZAKAR E., BİNGÖL M. S., SEVİNÇ ÖZAKAR R.
TURKISH JOURNAL OF CHEMISTRY, vol.46, no.5, pp.1429-1449, 2022 (SCI-Expanded)
- IX. **Evaluation of Heavy Metal Accumulations in Plant Organs and Soil White Birch (Betula verrucosa Ehrh.) Plantation**
ÇOMAKLI E., BİNGÖL M. S.
WATER AIR AND SOIL POLLUTION, vol.232, no.12, 2021 (SCI-Expanded)
- X. **Heavy metal accumulation of urban Scots pine (Pinus sylvestris L.) plantation**
ÇOMAKLI E., BİNGÖL M. S.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.193, no.4, 2021 (SCI-Expanded)
- XI. **Assessment of Microplastic Pollution in a Crater Lake at High Altitude: a Case Study in an Urban Crater Lake in Erzurum, Turkey**
ÇOMAKLI E., BİNGÖL M. S., BİLGİLİ A.
Water Air And Soil Pollution, vol.231, no.6, 2020 (SCI-Expanded)
- XII. **Determination of optimum conditions for boric acid production from colemanite by using co2 in high-pressure reactor**
BİNGÖL M. S., Çopur M.
Journal of CO2 Utilization, vol.29, pp.29-35, 2019 (SCI-Expanded)

Articles Published in Other Journals

- I. **INVESTIGATION of the EFFECTS of PREPARED PVA/NANO LA2O3 MIXTURE on ALIZARIN DYE REMOVAL: KINETIC, ISOTHERM and THERMODYNAMIC STUDIES**
BİNGÖL M. S.

Journal of scientific reports-A (Online), no.51, pp.179-191, 2022 (Peer-Reviewed Journal)

- II. **Removal of Congo Red From Water By Adsorption Onto Chitosan-BN-Fe₂O₃: Kinetic and Isotherm Studies**
BİNGÖL M. S.
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.15, no.3, pp.684-698, 2022 (Peer-Reviewed Journal)
- III. **ZnO Katkılı Kitosan Kullanılarak Sulu Çözeltilerde Flor Giderimi**
Bingöl M. S.
Avrupa Bilim ve Teknoloji Dergisi, vol.38, pp.88-93, 2022 (Peer-Reviewed Journal)
- IV. **Determining the Some Heavy Metal Content of Pinus sylvestris Needles and Soil in the Urban Forest by the Side of the Road**
ÇOMAKLI E., BİNGÖL M. S., ÇOMAKLI T.
ALINTERI JOURNAL OF AGRICULTURE SCIENCES, vol.33, no.2, pp.209-214, 2018 (ESCI)

Books & Book Chapters

- I. **İyon Değiştirici Membranlar**
Bingöl M. S.
in: Mühendislik Alanında Teori ve Araştırmalar, Özalp Coşkun, Akçakale Nurettin, Editor, Serüven Yayınevi, Erzurum, pp.27-48, 2022

Refereed Congress / Symposium Publications in Proceedings

- I. **INVESTIGATION OF CONGO RED REMOVAL WITH PREPARED Fe₂O₃ ADDED CHITOSAN/GLUTARALDEHYDE**
Bingöl M. S.
IV. INTERNATIONAL CONFERENCE ON NATURAL SCIENCES AND TECHNOLOGIES (ICONAT-2022), Antalya, Turkey, 24 - 26 August 2022, pp.40
- II. **Preparation and characterization of Lanthanum Oxide (La₂O₃) nanoparticles by sonication method summary**
Bingöl M. S.
World Congress on Applied Nanotechnology, Erzurum, Turkey, 24 - 26 November 2021, pp.113
- III. **SUDAN FLORÜRÜN ADSORPLANMASI İÇİN MgO-KITOSAN BİLEŞİMİ HAZIRLANMASI**
Bingöl M. S.
1ST INTERNATIONAL SYMPOSIUM ON RECENT ADVANCES IN FUNDAMENTAL AND APPLIED SCIENCES (ISFAS-2021), Erzurum, Turkey, 10 - 12 September 2021, pp.471-474
- IV. **DETECTION OF NUTRITIOUS ELEMENTS IN ROADSIDE PLANTS WITH HEAVY TRAFFIC**
Bingöl M. S.
II. International Agricultural, Biological & Life Science Conference, Edirne, Turkey, 1 - 03 September 2021, pp.278
- V. **SARIÇAM (Pinus sylvestris L.) PLANTASYONLARINDA TOPRAKTAKİ AĞIR METAL KONSANTRASYONLARININ DEĞERLENDİRİLMESİ**
BİNGÖL M. S., ÇOMAKLI E.
4. Uluslararası İpek Yolu Akademik Çalışmalar Sempozyumu, Online, Turkey, 17 - 18 December 2020
- VI. **Investigation of Sulfonation Time on Ion Exchange Capacity of Cationic Membrane**
BİNGÖL M. S., ATA O. N., ALEMDAR N.
INTERNATIONAL SYPOSIUM ON APPLIED SCIENCES AND ENGINEERING, 26 - 28 November 2018
- VII. **Basınç Altında Kolemanit ten Karbon Dioksit Gazı İle Borik Asit Üretimi**
BİNGÖL M. S., ÇOPUR M., KARAKAŞ İ. H., KOCAKERİM M. M.
Onuncu Ulusal Kimya Mühendisliği Kongresi (ukmk10), İstanbul, Turkey, 3 - 06 September 2012

Supported Projects

BİNGÖL M. S., YILMAZ M., KASAPÖĞLU A. E., Project Supported by Higher Education Institutions, Hummers Metodu kullanılarak Sıvı Faz Eksfoliasyon Yöntemiyle Bulk Bordan Birkaç Tabakalı Borofen Üretimi, 2023 - 2024

ATA O. N., BİNGÖL M. S., ALEMDAR N., Project Supported by Higher Education Institutions, YÜKLÜ MEMBRAN HAZIRLAMA VE KAREKTERİZASYONU, 2015 - 2018

Scientific Refereeing

WATER, AIR AND SOIL POLLUTION : AN INTERNATIONAL JOURNAL OF ENVIRONMENTAL POLLUTION, Journal Indexed in SCI-E, December 2022

WATER, AIR AND SOIL POLLUTION : AN INTERNATIONAL JOURNAL OF ENVIRONMENTAL POLLUTION, Journal Indexed in SCI-E, November 2022

Journal of scientific reports-A (Online), National Scientific Refreed Journal, November 2022

JOURNAL OF AGRICULTURAL SCIENCES, Journal Indexed in SCI-E, October 2022

WATER, AIR AND SOIL POLLUTION : AN INTERNATIONAL JOURNAL OF ENVIRONMENTAL POLLUTION, Journal Indexed in SCI-E, October 2022

JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, Journal Indexed in SCI-E, September 2022

JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, Journal Indexed in SCI-E, August 2022

WATER, AIR AND SOIL POLLUTION : AN INTERNATIONAL JOURNAL OF ENVIRONMENTAL POLLUTION, Journal Indexed in SCI-E, April 2022

WATER, AIR AND SOIL POLLUTION : AN INTERNATIONAL JOURNAL OF ENVIRONMENTAL POLLUTION, Journal Indexed in SCI-E, April 2022

Avrupa Bilim ve Teknoloji Dergisi, National Scientific Refreed Journal, January 2022

Metrics

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