

Arařtırmacı ASMAE BOUZIANI

Kiřisel Bilgiler

İř Telefonu: [+90 312 210 4387](tel:+903122104387)

E-posta: asmae@metu.edu.tr

Web: <https://avesis.metu.edu.tr/asmae>

Eđitim Bilgileri

Post Doktora, Orta Dođu Teknik Üniversitesi, Mühendislik Fakóltesi, Kimya Mühendisliđi Bölümü, Türkiye 2019 - Devam Ediyor

Post Doktora, Orta Dođu Teknik Üniversitesi, Mühendislik Fakóltesi, Metalurji Ve Malzeme Mühendisliđi Bölümü, Türkiye 2018 - 2019

Doktora, Université Mohammed V - Agdal, Faculty of Science, Chemistry, Fas 2012 - 2016

Arařtırma Alanları

Malzeme Bilimi ve Mühendisliđi, Analitik Kimya, Infrared Spektroskopisi, Kromatografi, Kütle Spektroskopisi, Magnetik Rezonans Spektroskopisi, Moleküler Kütle Spektrometrisi, Yüzey Analizi , Fizikokimya, İletken Polimerler, Nanokompozitler, Yüzey Kimyası, İnorganik Kimya, Kataliz, Metaller

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Effects of fluorination and thermal shock on the photocatalytic activity of Bi₂O₃ nanopowders**
BOUZIANI A., Park J., ÖZTÜRK A.
Colloids and Surfaces A: Physicochemical and Engineering Aspects, cilt.626, 2021 (SCI İndekslerine Giren Dergi)
- II. **Development of a novel PANI@WO₃ hybrid composite and its application as a promising adsorbent for Cr(VI) ions removal**
Hsini A., Naciri Y., Laabd M., BOUZIANI A., Navío J., Puga F., Boukherroub R., Lakhmiri R., Albourine A.
Journal of Environmental Chemical Engineering, cilt.9, sa.5, 2021 (SCI Expanded İndekslerine Giren Dergi)
- III. **Organic/metal-organic photosensitizers for dye-sensitized solar cells (DSSC): Recent developments, new trends, and future perceptions**
Yahya M., BOUZIANI A., OCAK C., SEFEROĐLU Z., Sillanpää M.
Dyes and Pigments, cilt.192, 2021 (SCI İndekslerine Giren Dergi)
- IV. **Synthesis of an arginine-functionalized polyaniline@FeOOH composite with high removal performance of hexavalent chromium ions from water: Adsorption behavior, regeneration and process capability studies**
Hsini A., Benafqir M., Naciri Y., Laabd M., BOUZIANI A., Ez-zahery M., Lakhmiri R., Alem N. E. , Albourine A.
Colloids and Surfaces A: Physicochemical and Engineering Aspects, cilt.617, 2021 (SCI İndekslerine Giren Dergi)
- V. **Photocatalytic oxidation of pollutants in gas-phase via Ag₃PO₄-based semiconductor photocatalysts: Recent progress, new trends, and future perspectives**
Naciri Y., Hsini A., Bouziani A., Djellabi R., Ajmal Z., Laabd M., Navio J. A. , Mills A., Bianchi C. L. , Li H., et al.
CRITICAL REVIEWS IN ENVIRONMENTAL SCIENCE AND TECHNOLOGY, 2021 (SCI İndekslerine Giren Dergi)
- VI. **Evolution of the physicochemical and photocatalytic properties of BaO embedded in bismuth phosphovanadates glasses**

Ferraa S., Naciri Y., Hsini A., Barebita H., Bouziani A., Albourine A., Nimour A., Guedira T.

CHEMICAL PHYSICS LETTERS, cilt.763, 2021 (SCI İndekslerine Giren Dergi)

- VII. **Synthesis of alpha-Fe₂O₃/TiO₂ heterogeneous composites by the sol-gel process and their photocatalytic activity**
Bouziani A., PARK J., ÖZTÜRK A.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, cilt.400, 2020 (SCI İndekslerine Giren Dergi)
- VIII. **Synthesis and enhanced photocatalytic activity of nitrogen-doped triphasic TiO₂ nanoparticles**
Erdogan N., Bouziani A., PARK J., Micusik M., Kim S. Y., Majkova E., Omastova M., ÖZTÜRK A.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, cilt.377, ss.92-100, 2019 (SCI İndekslerine Giren Dergi)
- IX. **Photocatalytic degradation of the herbicide imazapyr: do the initial degradation rates correlate with the adsorption kinetics and isotherms?**
Atitar M. F., Bouziani A., Dillert R., El Azzouzi M., Bahnemann D. W.
CATALYSIS SCIENCE & TECHNOLOGY, cilt.8, sa.4, ss.985-995, 2018 (SCI İndekslerine Giren Dergi)
- X. **Factors Influencing Imazapyr Herbicide Removal from Wastewater Using Photocatalytic Ozonation**
Bougarrani S., El Azzouzi L., Akel S., Latrach L., Bouziani A., El Azzouzi M.
ACTA CHIMICA SLOVENICA, cilt.65, sa.2, ss.470-474, 2018 (SCI İndekslerine Giren Dergi)
- XI. **Mixed alpha-Fe₂O₃/Bi₂WO₆ oxides for photoassisted hetero-Fenton degradation of Methyl Orange and Phenol**
Jaramillo-Paez C., Navio J. A., Hidalgo M. C., Bouziani A., El Azzouzi M.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, cilt.332, ss.521-533, 2017 (SCI İndekslerine Giren Dergi)

Diğer Dergilerde Yayınlanan Makaleler

- I. **The influence of humic acids extracted from Chaouia soil on the behavior of transition metal ions and pesticides**
Bougarrani S., El Azzouzi L., Bouziani A., Akel S., Latrach L., Baicha Z., El Azzouzi M.
MOROCCAN JOURNAL OF CHEMISTRY, cilt.5, sa.3, ss.446-452, 2017 (ESCI İndekslerine Giren Dergi)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Preparation of 2D g-C₃N₄/TiO₂ Heterojunction Nanocomposites for Photocatalytic Applications**
Gündoğmuş P., Bouziani A., ERDOĞAN N., PARK J., ÖZTÜRK A.
19. Uluslararası Metalurji ve Malzeme Kongresi, İstanbul, Türkiye, 25 - 27 Ekim 2018, cilt.1, sa.1, ss.547-550
- II. **Production of Photocatalytically Active TiO₂ - P2O₅ Glasses by the Sol-gel Process**
öztürk Y. C., Bouziani A., EFE M., PARK J., KALEM V., ÖZTÜRK A.
19. Uluslararası Metalurji ve Malzeme Kongresi, İstanbul, Türkiye, 25 - 27 Ekim 2018, cilt.1, ss.412-415

Atıflar

Toplam Atıf Sayısı (WOS):76

h-indeksi (WOS):4