

Personal Information

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Education Information

Post Doctorate, Middle East Technical University, Faculty Of Engineering, Department Of Chemical Engineering, Turkey
2019 - Continues

Post Doctorate, Middle East Technical University, Faculty Of Engineering, Department Of Metallurgical And Materials
Engineering, Turkey 2018 - 2019

Doctorate, Université Mohammed V - Agdal, Faculty of Science, Chemistry, Morocco 2012 - 2016

Research Areas

Material science and engineering, Analytical Chemistry, Infrared Spectroscopy, Chromatographic Analysis, Mass Spectroscopy, Magnetic Resonance Spectroscopy, Molecular Mass Spectroscopy, Surface Analysis, Physical Chemistry, Conductive Polymers, nanocomposites, Surface Chemistry, Inorganic Chemistry, Catalysis, Solid-State Chemistry

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- 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, vol.626, 2021 (Journal Indexed in SCI)
- 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, vol.9, no.5, 2021 (Journal Indexed in SCI Expanded)
- III. **Organic/metal-organic photosensitizers for dye-sensitized solar cells (DSSC): Recent developments, new trends, and future perceptions**
Yahya M., BOUZIANI A., OCAK C., SEFEROĞLU Z., Sillanpää M.
Dyes and Pigments, vol.192, 2021 (Journal Indexed in SCI)
- 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, vol.617, 2021 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- 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, vol.763, 2021 (Journal Indexed in SCI)

- 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, vol.400, 2020 (Journal Indexed in SCI)
- 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, vol.377, pp.92-100, 2019 (Journal Indexed in SCI)
- 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, vol.8, no.4, pp.985-995, 2018 (Journal Indexed in SCI)
- 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, vol.65, no.2, pp.470-474, 2018 (Journal Indexed in SCI)
- 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, vol.332, pp.521-533, 2017 (Journal Indexed in SCI)

Articles Published in Other Journals

- 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, vol.5, no.3, pp.446-452, 2017 (Journal Indexed in ESCI)

Refereed Congress / Symposium Publications in Proceedings

- 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, Turkey, 25 - 27 October 2018, vol.1, no.1, pp.547-550
- II. **Production of Photocatalytically Active TiO₂ - P205 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, Turkey, 25 - 27 October 2018, vol.1, pp.412-415

Citations

Total Citations (WOS):76

h-index (WOS):4