

Personal Information

Email: kayaf@metu.edu.tr

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

Address: kayaf@metu.edu.tr

Research Areas

Chemical Technologies, Process and Reactor Design, Engineering and Technology

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Selective sulfate sorption from boric acid factory process liquor: Chitosan-bentonite biocomposite film synthesis as sorbent**
Kaya F., Ozer A.
MINERALS ENGINEERING, vol.187, 2022 (SCI-Expanded)
- II. **Sorption of BB41 dye molecules using chitosan based particles from aqueous solutions: A kinetic and thermodynamic evaluation**
Demirtas H., Tasar S., Kaya F., Ozer A.
JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, vol.10, no.4, 2022 (SCI-Expanded)

Articles Published in Other Journals

- I. **Production and characterization of chitosan-based polymer particles with the precipitation collection method**
Demirtaş H., Taşar Ş., Kaya F., Özer A.
Firat Univ Jour. of Exp. and Comp. Eng, vol.1, no.2, pp.68-79, 2022 (Peer-Reviewed Journal)
- II. **Surface characterization of commercial chitosan with SEM and BET techniques**
Kaya F., Taşar Ş., Özer A.
Firat University Journal of Experimental and Computational Engineering, vol.1, no.2, pp.43-48, 2022 (Peer-Reviewed Journal)
- III. **Biosorption of lead(II) ions from aqueous solution by peanut shells: Equilibrium, thermodynamic and kinetic studies**
Tasar S., Kaya F., Ozer A.
JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING, vol.2, no.2, pp.1018-1026, 2014 (ESCI)

Metrics

Publication: 6

Citation (WoS): 161

Citation (Scopus): 182

H-Index (WoS): 1

H-Index (Scopus): 1