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International Researcher IDs

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Education Information

Doctorate, Middle East Technical University, Faculty of Engineering, Department of Chemical Engineering, Turkey 2017 - Continues

Postgraduate, Middle East Technical University, Faculty of Engineering, Department of Chemical Engineering, Turkey 2015 - 2017

Undergraduate, Middle East Technical University, Faculty of Engineering, Department of Chemical Engineering, Turkey 2010 - 2015

Research Areas

Chemical Engineering and Technology

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Chemical Engineering, 2015 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Optically responsive dry cholesteric liquid crystal marbles**
KOCAMAN C., BATIR Ö., BÜKÜŞOĞLU E.
Journal of Colloid and Interface Science, vol.671, pp.374-384, 2024 (SCI-Expanded)
- II. **Interpenetrating network based polymeric sensors with enhanced specificity, sensitivity, and reusability**
BATIR Ö., BAT E., BÜKÜŞOĞLU E.
Sensors and Actuators B: Chemical, vol.367, 2022 (SCI-Expanded)
- III. **Identification and sorting of particle chirality using liquid crystallinity**
Akdeniz B., Batır Ö., Büküşoğlu E.
JOURNAL OF COLLOID AND INTERFACE SCIENCE, vol.574, pp.11-19, 2020 (SCI-Expanded)
- IV. **Strain-enhanced sensitivity of polymeric sensors templated from cholesteric liquid crystals**
Batır Ö., Bat E., Büküşoğlu E.

SOFT MATTER, vol.16, no.29, pp.6794-6802, 2020 (SCI-Expanded)

V. Effect of kaolin addition on alkali capture capability during combustion of olive residue

Batir O., Selcuk N., Kulah G.

COMBUSTION SCIENCE AND TECHNOLOGY, vol.191, pp.43-53, 2019 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

I. Enhanced sensitivity of polymeric sensors templated from cholesteric liquid crystals

BATIR Ö., BAT E., BÜKÜŞOĞLU E.

ACS Fall 2021, 22 - 26 August 2021

Metrics

Publication: 6

Citation (WoS): 22

Citation (Scopus): 25

H-Index (WoS): 3

H-Index (Scopus): 3