

Personal Information

Email: asudec@metu.edu.tr

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

Education Information

Doctorate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Kimya (Dr), Turkey 2012 - Continues

Undergraduate, Middle East Technical University, Faculty of Arts and Sciences, Department of Chemistry, Turkey 2007 - 2012

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Arts and Sciences, Department of Chemistry, 2012 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Hierarchical microspheres of Co(2)CrO(4)nanoplates for electrocatalytic water oxidation**
Aksoy I., ÇETİN A., NALBANT ESENTÜRK E.
JOURNAL OF NANOPARTICLE RESEARCH, vol.22, no.6, 2020 (SCI-Expanded)
- II. **Nanowires assembled from iron manganite nanoparticles: Synthesis, characterization, and investigation of electrocatalytic properties for water oxidation reaction**
Çetin A., Önal A. M., Esenturk E.
Journal of Materials Research, vol.34, pp.3231-3239, 2019 (SCI-Expanded)
- III. **Chromium substituted iron oxide nanowires as affordable electrocatalysts for oxygen evolution reaction**
Kocabas S., Çetin A., Önal A. M., Esenturk E.
JOURNAL OF NANOPARTICLE RESEARCH, vol.21, 2019 (SCI-Expanded)
- IV. **Magnesium substituted cobalt spinel nanostructures for electrocatalytic water oxidation**
Ekebas E., Çetin A., Önal A. M., Nalbant Esentürk E.
JOURNAL OF APPLIED ELECTROCHEMISTRY, vol.49, pp.315-325, 2019 (SCI-Expanded)
- V. **Optical and Vibrational Properties of [Pt@Pb-12](2-), [Ni@Pb-12](2-), and [Ni@Pb-10](2-) Zintl Ion Clusters**
Çetin A., Esentürk O., Esenturk E.
EUROPEAN JOURNAL OF INORGANIC CHEMISTRY, pp.2413-2421, 2017 (SCI-Expanded)
- VI. **Oxygen potential values to produce compacted graphite cast iron**
ELMABROUK O., KALKANLI A., SELÇUK E., ÇETİN A.
CANADIAN METALLURGICAL QUARTERLY, vol.47, no.2, pp.173-186, 2008 (SCI-Expanded)
- VII. **Evaluation of latent heat of solidification of grey cast iron from cooling curves**
CETIN A., Kalkanli A.
CANADIAN METALLURGICAL QUARTERLY, vol.44, no.1, pp.1-5, 2005 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Synthesis and characterization of Fe-Mn oxide nanowires and their catalytic activities towards oxygen evolution reaction**
ÇETİN A., Onal A., NALBANT ESENTÜRK E.
257th National Meeting of the American-Chemical-Society (ACS), Florida, United States Of America, 31 March - 04 April 2019, vol.257
- II. **Spinel Metal Oxide Nanoparticles: Synthesis, Characterization and Catalytic Activities towards Water Oxidation**
ÇETİN A., ÖNAL A. M., NALBANT ESENTÜRK E.
Nano TR13, 22 - 25 October 2017

Metrics

Publication: 9

Citation (WoS): 30

Citation (Scopus): 32

H-Index (WoS): 4

H-Index (Scopus): 4