

Asst. Prof. MUHSİN İDER

Personal Information

Email: muhsin.ider@usak.edu.tr

Web: <https://avesis.usak.edu.tr/muhsin.ider>

International Researcher IDs

ORCID: 0000-0001-9015-2822

Publons / Web Of Science ResearcherID: Z-5812-2019

ScopusID: 56604094500

Yoksis Researcher ID: 38056

Education Information

Doctorate, University of Florida, United States Of America 1998 - 2003

Undergraduate, Hacettepe University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey 1988 - 1993

Foreign Languages

English, C1 Advanced

Academic Titles / Tasks

Assistant Professor, Usak University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 2006 - Continues

Assistant Professor, Qafqaz University, Mühendislik, Kimya Mühendisliği, 2015 - 2015

Assistant Professor, Afyon Kocatepe University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 2004 - 2006

Research Assistant, Afyon Kocatepe University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 2003 - 2004

Academic and Administrative Experience

Usak University, 2010 - Continues

Usak University, 2010 - 2013

Courses

KİMYA MÜHENDİSLİĞİ LABORATUARI, Undergraduate, 2018 - 2019, 2016 - 2017, 2014 - 2015

TEMEL BİLGİ TEKNOLOJİLERİ KULLANIMI, Undergraduate, 2018 - 2019, 2016 - 2017, 2011 - 2012, 2010 - 2011, 2009 - 2010

KÜTLE VE ENERJİ DENKLEMLERİ, Undergraduate, 2017 - 2018, 2016 - 2017

TEMEL BİLGİSAYAR BİLİMLERİ, Undergraduate, 2017 - 2018, 2016 - 2017, 2011 - 2012, 2010 - 2011

TEKNİK TERMODİNAMİK, Undergraduate, 2015 - 2016, 2012 - 2013, 2011 - 2012, 2010 - 2011

KİMYA MÜHENDİSLİĞİNE GİRİŞ, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

ISI AKTARIMI, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013

KİMYA MÜHENDİLİĞİ TERMODİNAMİĞİ, Undergraduate, 2014 - 2015, 2013 - 2014, 2011 - 2012, 2010 - 2011
DİFERANSİYEL DENKLEMLER, Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011
FİZİKOKİMYA, Undergraduate, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Determination of the gibbs formation energy of CuGaSe₂ by EMF method**
İDER M.
International Journal of Electrochemical Science, vol.15, no.9, pp.9049-9065, 2020 (SCI-Expanded)
- II. **Thermodynamic stability and homogeneity of cuprous selenide by emf and coulometric titration**
İDER M.
Solid State Ionics, vol.329, pp.140-148, 2019 (SCI-Expanded)
- III. **Thermochemistry of the Ga-Se system**
İDER M., Pankajavalli R., Zhuang W., Shen J., Anderson T.
ECS Journal of Solid State Science and Technology, vol.4, no.5, 2015 (SCI-Expanded)
- IV. **Thermochemistry of the Cu₂Se-In₂Se₃ system**
İDER M., Pankajavalli R., Zhuang W., Shen J., Anderson T.
Journal of Alloys and Compounds, vol.604, pp.363-372, 2014 (SCI-Expanded)

Articles Published in Other Journals

- I. **Thermodynamic data analysis and optimization of the Copper-Silver (Cu-Ag) phase system**
İDER M.
Niğde Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, vol.13, no.2, pp.657-664, 2024 (Peer-Reviewed Journal)
- II. **Hydrogen Generation from Alkaline solutions of Methanol and Ethanol by Electrolysis**
Ulusoy I., Uzunoğlu A., ATA A., Ozturk O., İDER M.
ECS Transactions, vol.19, no.10, pp.77-94, 2009 (Non Peer-Reviewed Journal)

Books & Book Chapters

- I. **Uşak Üniversitesi Bilimsel Analiz Ve Teknolojik Araştırma Ve Uygulama Merkezi UBATAM Kurulum Projesi**
İDER M.
Cinius Yayınları, Uşak, 2015

Refereed Congress / Symposium Publications in Proceedings

- I. **Cuprous selenide defect equilibria and homogeneity range determined by coulometric titration**
İDER M., Pankajavalli R., Stanbery B., Zhuang W. D., Kerr L. L., Chang C. H., Anderson T. J.
Photovoltaic Specialists Conference, 2002. Conference Record of the Twenty-Ninth IEEE, New Orleans, LA, USA, United States Of America, 19 - 24 May 2002, pp.680-683
- II. **Rapid thermal processing of CIS precursors**
Kerr L. L., İDER M., Anderson T. J., Kim S., KINCAL S., Yoon S.
Photovoltaic Specialists Conference, 2002. Conference Record of the Twenty-Ninth IEEE, New Orleans, LA, USA, United States Of America, 19 - 24 May 2002, pp.676-679

Metrics

Publication: 9

Citation (Scopus): 26

H-Index (Scopus): 3

Non Academic Experience

University of Florida