

## Prof. Mehmet Tunç

### Personal Information

Office Phone: [+90 432 444 5065](tel:+904324445065) Extension: 22227

Email: [m.tunc@yyu.edu.tr](mailto:m.tunc@yyu.edu.tr)

Web: <https://avesis.yyu.edu.tr/m.tunc>

Address: [m.tunc@yyu.edu.tr](mailto:m.tunc@yyu.edu.tr)

### Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü , Kimya Anabilim Dalı, Turkey 1991 - 1994

Post Graduate, Ataturk University, Fen Bilimleri Enstitüsü , Kimya Anabilim Dalı, Turkey 1987 - 1989

Under Graduate, Ataturk University, Fen Ed. Fakültesi , Kimya Bölümü, Turkey 1982 - 1985

### Dissertations

Post Graduate, Üleksitin sülfürik asit çözeltileri ile çözünürleştirilmesinin kinetiği ve mekanizması , Ataturk University, Fen Bilimleri Enstitüsü , Kimya Bölümü, 1994

### Research Areas

Chemistry, Physical Chemistry, Chemical Kinetics, Natural Sciences

### Academic Titles / Tasks

Professor, Van Yüzüncü Yil University, Fen Ed. Fakültesi , Kimya Bölümü, 2008 - Continues

Associate Professor, Van Yüzüncü Yil University, Fen Ed. Fakültesi , Kimya Bölümü, 1999 - 2008

Assistant Professor, Van Yüzüncü Yil University, Fen Ed. Fakültesi , Kimya Bölümü, 1994 - 1999

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

- I. **Pyrolysis of black cummin seed: Significance of catalyst and temperature product yields and chromatographic characterization**  
DURAK H., Genel S., Tunç M.  
JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES, vol.42, pp.331-350, 2019 (Journal Indexed in SCI)
- II. **Dissolution kinetics of ulexite in phosphoric acid**  
Tunc M.  
ASIAN JOURNAL OF CHEMISTRY, vol.20, pp.3161-3170, 2008 (Journal Indexed in SCI)
- III. **Dissolution of colemanite in (NH<sub>4</sub>)(2)SO<sub>4</sub> solutions**  
Tunc M., KOCAKERIM M. M. , KUCUK O., ALUZ M.  
KOREAN JOURNAL OF CHEMICAL ENGINEERING, vol.24, pp.55-59, 2007 (Journal Indexed in SCI)
- IV. **The dissolution kinetics of ulexite in sulphuric acid solutions**  
Tunc M., YAPICI S., KOCAKERIM M., YARTASI A.

CHEMICAL AND BIOCHEMICAL ENGINEERING QUARTERLY, vol.15, pp.175-180, 2001 (Journal Indexed in SCI)

- V. **Dissolution mechanism of ulexite in H<sub>2</sub>SO<sub>4</sub> solution**  
Tunc M., KOKAKERIM M., YAPICI S., BAYRAKCEKEN S.  
HYDROMETALLURGY, vol.51, pp.359-370, 1999 (Journal Indexed in SCI)
- VI. **Determination of optimum conditions for dissolution of ulexite in sulphuric acid solutions**  
Tunc M., CELIK C., COLAK S., KOKAKERIM M.  
TRANSACTIONS OF THE INSTITUTION OF MINING AND METALLURGY SECTION C-MINERAL PROCESSING AND EXTRACTIVE METALLURGY, vol.108, 1999 (Journal Indexed in SCI)
- VII. **Dissolution of thermally dehydrated ulexite in sulfuric acid solution**  
KUNKUL A., Tunc M., YAPICI S., ERSAHAN H., KOKAKERIM M.  
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, vol.36, pp.4847-4851, 1997 (Journal Indexed in SCI)
- VIII. **Dehydration kinetics of ulexite from thermogravimetric data**  
Tunc M., ERSAHAN H., YAPICI S., COLAK S.  
JOURNAL OF THERMAL ANALYSIS, vol.48, pp.403-411, 1997 (Journal Indexed in SCI)
- IX. **FLASH DEHYDRATION OF ULEXITE AND INVESTIGATION OF DEHYDRATION KINETICS FROM THERMOGRAVIMETRIC DATA**  
ERSAHAN H., TUNC M., EKMEKYAPAR A., YAPICI S.  
THERMOCHIMICA ACTA, vol.250, pp.125-135, 1995 (Journal Indexed in SCI)

### Articles Published in Other Journals

- I. **A semi-empirical kinetic model for dissolution of ulexite in aqueous acetic acid solutions**  
Tunç M.  
ENERGY EDUCATION SCIENCE AND TECHNOLOGY, vol.3, pp.1-10, 1999 (National Refreed University Journal)
- II. **A Semi-empirical Kinetic Model for Dissolution of Ulexite in Aqueous Acetic Acid Solutions**  
Tunç M., Kocakerim M. M. , Gür A., Yartaşı A.  
ENERGY EDUCATION SCIENCE AND TECHNOLOGY, vol.3, pp.1-10, 1999 (Refereed Journals of Other Institutions)
- III. **supercritical fluid extaction of biomass energy**  
Tunç M.  
ENERGY EDUCATION SCIENCE AND TECHNOLOGY, vol.2, pp.1-5, 1999 (National Refreed University Journal)
- IV. **dissolution of ulexite in sulphuric acid solutions for high solid-to- liquid ratios energy**  
Tunç M.  
ENERGY EDUCATION SCIENCE AND TECHNOLOGY, vol.3, pp.32-41, 1999 (National Refreed University Journal)
- V. **Dissolution of Ulexite in Sulphuric Acid Solutions for High Solid-to-Liquid Ratios**  
Tunç M., Gür A., Kocakerim M. M. , Yartaşı A.  
Energy, Education, Science and Thecnology, vol.3, pp.32-41, 1999 (Refereed Journals of Other Institutions)
- VI. **Piroliz Esnasında Aşkale linyitindeki Piritin Bozunma Kinetiğinin İncelenmesi**  
Tunç M.  
Doğa -Tr. J. of Chemistry, vol.14, pp.98-96, 1990 (National Refreed University Journal)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Lycopodium Clavatum Biyolojik Sporları Esaslı TiO<sub>2</sub> Nano Kürelerinde Desteklenmiş Rutenyum(0) Nanokümelerinin Hazırlanması, Tanımlanması ve Amonyak-Boran Hidrolizindeki Katalitik Performanslarının Belirlenmesi**  
Zahmakran M., OZENSOY E., KARAKAS K., Tunç M., Erdoğan D. A.  
V. Ulusal Anorganik Kimya Kongresi, Mersin, Turkey, 22 - 25 April 2015, pp.283
- II. **Dissolution Kinetics of Borax in Acetic Acid Solutions**  
Tunç M.

Proceedings of 3 rd International Boron Symposium, Ankara, Turkey, 2 - 04 November 2006, pp.199-202

III. **Dissolution Kinetics of Ulexite in Phosphoric Acid Solutions**

Tunç M.

Proceedings of 3 rd International Boron Symposium, Ankara, Turkey, 2 - 04 November 2006, pp.287-291

IV. **Kolemanit'ten Oksidasyonla Arseniğin Giderilmesi**

Tunç M., Gür A.

XIV. Ulusal Kimya kongresi, Diyarbakır, Turkey, 10 - 15 September 2000, pp.496

V. **Kinetic Study of Leaching of Colemanite ore by sulphuric Acid**

Tunç M.

International Congress of Chemical and Process Engineering, Praha., Czech Republic, 27 - 31 August 2000, pp.223

VI. **Yüksek Katı/Sıvı Oranlarında Uleksit'in H<sub>2</sub>SO<sub>4</sub> Çözeltilerinde Çözünürleştirme Kinetiği**

Tunç M., Gür A., Kocakerim M. M. , Çolak S.

XI.Ulusal Kimya Kongresi, Van, Turkey, 16 - 20 June 1997, pp.371

## Supported Projects

Tunç M., İREN H., Project Supported by Higher Education Institutions, YÜKSEK KATI/SIVI ORANLARINDA SORAKSİN NİRİK ASİT ÖZELTİSİ, 2002 - 2005

Tunç M., ALUZ M., Project Supported by Higher Education Institutions, Kolemanit Mineralinin Amonyum Sülfat Çözeltilerindeki Çözünürlüğü, 2000 - 2003

Tunç M., GÜR A., Project Supported by Higher Education Institutions, Uleksit cevherinin sülfirik asit çözeltilerindeki çözünme kinetiğinin incelenmesi, 1996 - 1997

## Citations

Total Citations (WOS):119

h-index (WOS):7