

## Assoc. Prof. Yaşar Genel

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### Education Information

Doctorate, Van Yüzüncü Yil University, Fen Fakültesi, Fizikokimya, Turkey 1994 - 1999

### Certificates, Courses and Trainings

Foreign Language, YÜSEM AKDEMİK PERSONEL DİL GELİŞTİRME, YÜZÜNCÜ YIL YÜSEM, 2016

### Research Areas

Chemistry, Physical Chemistry, Chemical Kinetics, Natural Sciences

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

- I. **Hydrothermal conversion of biomass (*Xanthium strumarium*) to energetic materials and comparison with other thermochemical methods**  
DURAK H., Genel Y.  
Journal of Supercritical Fluids, vol.140, pp.290-301, 2018 (Journal Indexed in SCI)
- II. **Effect of process parameters on supercritical liquefaction of *Xanthium strumarium* for bio-oil production**  
Genel Y., DURAK H., Aysu T., Genel İ.  
Journal of Supercritical Fluids, vol.115, pp.42-53, 2016 (Journal Indexed in SCI)
- III. **Optimization of the Dissolution of Tincal Ore in Phosphoric Acid Solutions at High Temperatures**  
DURAK H., Genel Y., Calban T., KUŞLU S., Colak S.  
CHEMICAL ENGINEERING COMMUNICATIONS, vol.202, no.2, pp.245-251, 2015 (Journal Indexed in SCI)
- IV. **HEAVY METAL REMOVAL FROM AQUEOUS SOLUTION BY ACTIVATED KAOLIN**  
Genel Y., CEYLAN H., SALTABAS O.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.22, no.10, pp.2888-2895, 2013 (Journal Indexed in SCI)
- V. **HEAVY METAL REMOVAL FROM AQUEOUS SOLUTION BY ACTIVATED BENTONITE**  
Genel Y., CEYLAN H., Saltabas O.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.21, no.7, pp.1810-1818, 2012 (Journal Indexed in SCI)
- VI. **Supercritical Fluid Extraction of Cotton Stalks**  
SENER U., Genel Y., SAKA C., KILICEL F., Küçük M.  
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, vol.32, no.1, pp.20-25, 2010 (Journal Indexed in SCI)
- VII. **Immobilization of catalase via adsorption into natural and modified active carbon obtained from**

### **walnut in various methods**

ALKAN S., Gür A. K. , ERTAN M., Savran A., Gür T., Genel Y.

AFRICAN JOURNAL OF BIOTECHNOLOGY, vol.8, no.11, pp.2631-2635, 2009 (Journal Indexed in SCI)

### **VIII. Determination of the optimum conditions for the dissolution of colemanite in H<sub>3</sub>PO<sub>4</sub> solutions**

YESILYURT M., COLAK S., CALBAN T., Genel Y.

INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, vol.44, no.10, pp.3761-3765, 2005 (Journal Indexed in SCI)

### **IX. Supercritical fluid extraction of reed (thypa)**

Küçük M. M. , Demir H., GENEL Y.

ENERGY SOURCES, vol.27, no.5, pp.445-450, 2005 (Journal Indexed in SCI)

## **Articles Published in Other Journals**

### **I. Kimyasal Kinetik DeneYlerinde V-diyagramı Kullanımının İncelenmesi**

DURAK H., Genel Y.

YYÜ Eğitim Fakültesi Dergisi (YYU Journal of EducationFaculty), vol.15, no.1, pp.444-467, 2018 (International Refereed University Journal)

### **II. Dissolution of Ulexite in Hydrochloric Acid Solutions**

Genel Y., İnce F., Durak H.

Turkish Journal of Science, vol.1, no.1, pp.1-12, 2016 (Refereed Journals of Other Institutions)

### **III. The formation of mathematical model for CaCl<sub>2</sub> derived from the reaction of ulexite and hydrochloric acid by using full factorial desing method**

DURAK H., Genel Y., BASHIROV N., KERIMOV G.

Gazi University Journal of Science, vol.26, no.3, pp.399-405, 2013 (Refereed Journals of Other Institutions)

### **IV. Mathematical model formation of the process of deriving boric acid from ulexite mineral by full factorial design method**

DURAK H., Genel Y., BASHIROV N., KERIMOV G.

Gazi University Journal of Science, vol.26, no.2, pp.261-268, 2013 (Refereed Journals of Other Institutions)

### **V. Mathematical model formation of the process of deriving boric acid from ulexite mineral by full factorial design method**

Durak H., Genel Y., Beşirov N., Kerimli G.

Gazi Universty Journal Science, vol.26, no.2, pp.261-268, 2013 (International Refereed University Journal)

### **VI. Analysis of leaching kinetics of tincal in phosphoric acid solutions in high temperatures**

Durak H., Genel Y.

SCIENTIFIC RESEARCH AND ESSAYS, vol.7, no.40, pp.3428-3441, 2012 (Refereed Journals of Other Institutions)

### **VII. Full Factorial Design of Production of Hydrogen Gas at Sodiumborohydride with Cobalt Catalyst**

Beşirov N., Genel Y., Durak H., Kerimli G.

International Journal of Applied Science and Technology, vol.1, no.10, pp.26-34, 2012 (Refereed Journals of Other Institutions)

## **Refereed Congress / Symposium Publications in Proceedings**

### **I. Assessment of cocklebur to produce bio-oil through supercritical metanol**

Durak H., Genel Y.

International Conference on Advances in Natural and Applied Sciences, Antalya, Turkey, 21 - 23 April 2016, pp.1

### **II. MODERN KIMYA BİLİMİNİN ORTAYA ÇIKIŞINDAKİ TEMEL FAKTÖRLER**

Genel Y.

İnternational Teacher Education Conferance, Dubayy, United Arab Emirates, 4 - 06 January 2016, vol.2017, pp.68

### **III. METAFORİK ALGILAMALAR: 'BİYOLOJİ' KAVRAMININ İNCELENMESİ**

Genel Y.

International Teacher Education Conferance, Dubayy, United Arab Emirates, 4 January - 06 June 2016, vol.2017, pp.64

- IV. **HCl İLE KİMYASAL AKTİVASYON SONUCU ÜRETİLEN AKTİF KARBONA İMMOBİLİZE EDİLEN ENZİMİN KİNETİĞİNİN İNCELENMESİ**  
Kul A. R., ALKAN S., Genel Y., Meydan İ., Selçuk A., EROL N.  
7. Ulusal Afinite Teknikleri Kongresi, İzmir, Turkey, 13 - 15 September 2013, pp.94
- V. **Determination Of Optimum Condition For Dissolution Of Tincal In Phosphoric Acid Solutions**  
Durak H., Genel Y., Aysu T.  
IUPAC 2013 , 44th World Chemistry Congress, İstanbul, Turkey, 11 - 16 August 2013, pp.1
- VI. **Uleksitin Hidroklorik Asit Çözeltilerinde Çözünürlüğü**  
Genel Y., Durak H., İnce F., Genel S.  
26. Ulusal Kimya Kongresi, Muğla, Turkey, 1 - 06 October 2012, pp.271
- VII. **Tinkalin Yüksek Sıcaklıklarda Fosforik Asit Çözeltilerinde Çözünme Kinetiğinin İncelenmesi**  
Durak H., Genel Y.  
26. Ulusal Kimya Kongresi, Muğla, Turkey, 1 - 06 October 2012, pp.39
- VIII. **Doğal ve Aktive Edilmiş Bentonit Kili Üzerine Çinko (Zn) Adsorpsiyonunun İncelenmesi**  
Genel Y., Durak H., Genel S.  
24. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 June - 02 July 2010, pp.5
- IX. **Fizikokimya Laboratuarlarında V-Diyagramı Uygulaması**  
Durak H., Genel Y.  
24. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 June - 02 July 2010, pp.5
- X. **Doğal ve Aktive Edilmiş Bentonit Kili Üzerine Kobalt (Co) Adsorpsiyonunun İncelenmesi**  
Genel Y., Durak H., Genel S.  
24. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 June - 02 July 2010, pp.5
- XI. **Cevizden çeşitli yollarla elde edilen doğal ve modifiye aktif karbonlar üzerine katalaz enzim adsorpsiyon kinetiğinin incelenmesi**  
Alkan S., Gür A., Ertan M., Savran A., Gür T., Genel Y.  
XXIII. Ulusal Kimya Kongresi, Sivas, Turkey, 16 - 20 June 2009, pp.44
- XII. **Isıl, Sodyum Hidroksit, Çinkoklorür ve Sülfürik Asit ile Aktive Edilen Doğal Sepiolit'in Üzerine Ağır Metal(Krom) Adsorpsiyonu**  
Durak H., Genel S., Genel Y., Özdin K.  
III. Ulusal Sağlık Hizmetleri Meslek Yüksek Okulları Sempozyumu, Van, Turkey, 18 - 22 June 2008, pp.261-270
- XIII. **Kimya Öğretiminde Teorik Olarak Öğretilen Bazı Kavramların Deneyle Öğretilmesi Sonucu Anlaşıp-Anlaşılmadığının Belirlenmesi**  
Genç H., Genel Y., Küçük M. M.  
XV. Ulusal Kimya Kongresi, İstanbul, Turkey, 8 - 10 January 2001, pp.8-9

## Supported Projects

Genel Y., Durak H., Aysu T., Project Supported by Higher Education Institutions, Bıtrak (xanthium strumarium) bitkisinden süperkiritik sıvı ekstraksiyonu yöntemiyle biyoyağ eldesi ve elde edilen ürünlerin karakterizasyonu., 2015 - 2016

Genel Y., Project Supported by Higher Education Institutions, Uleksitin HCl asit içerisinde Çözünme Kinetiğinin incelenmesi, 2011 - 2013

Genel Y., Durak H., Project Supported by Higher Education Institutions, Tinkalin Yüksek Sıcaklıklarda Fosforik Asit Çözeltilerinde Çözünme Kinetiğinin İncelenmesi ve Optimum Şartların Belirlenmesi, 2010 - 2013

Genel Y., Project Supported by Higher Education Institutions, Mevsimlik Çiçeklerde Tuzun Bitki Gelişimi Üzerine Etkisi, 2009 - 2011

Genel Y., Durak H., Project Supported by Higher Education Institutions, Kolemanitin Amonyum Nitrat Çözeltilerinde Çözünme Kinetiği ve Çözünmenin Optimum Şartlarının Belirlenmesi, 2010 - 2010

## **Edit Congress and Symposium Activities**

International Teacher Education Conference (ITEC, Attendee, Dubayy, United Arab Emirates, 2016

## **Citations**

Total Citations (WOS):66

h-index (WOS):5