

Prof. HAYRETTİN YÜCEL

Personal Information

Email: hyucel@metu.edu.tr

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

Advising Theses

- YÜCEL H., ATAMAN O. Y., Determination of mercury in hydrogen gas by cold vapour atomic absorption spectrometry, Doctorate, E.Şen(Student), Continues
- YÜCEL H., Production and characterization of activated carbon from horse chestnut kernel, Postgraduate, T.Demirok(Student), 2015
- YÜCEL H., PRODUCTION AND CHARACTERIZATION OF ACTIVATED CARBON FROM HORSE CHESTNUT KERNEL, Postgraduate, T.DEMİROK(Student), 2015
- YÜCEL H., Multicomponent ion exchange on synthetic zeolites, Doctorate, E.BEŞEL(Student), 2014
- KARAKAŞ G., YÜCEL H., Comparison of sorption capacities of hydrocarbons on different samples of MCM-41, Postgraduate, B.AYDOĞDU(Student), 2013
- YÜCEL H., KARAKAŞ G., Comparison of sorption capacities on different samples of MCM-41, Postgraduate, B.Aydoğdu(Student), 2013
- BEHLÜLGİL A. K., YÜCEL H., Production and characterization of activated carbon from pistachio-nut shell, Postgraduate, G.ÖZSİN(Student), 2011
- YÜCEL H., Multicomponent ion exchange on zeolite 4A, Postgraduate, B.KADAİFCİ(Student), 2011
- YÜCEL H., Exchange of cadmium and lead on sodium clinoptilolite zeolite, Postgraduate, H.MURAT(Student), 2010
- YÜCEL H., Ammonium and lead exchange in clinoptilolite zeolite column, Postgraduate, A.BAHAALDDİN(Student), 2010
- KARAKAŞ G., YÜCEL H., Sorption of C8 aromatics on MCM-41, Postgraduate, B.ALİ(Student), 2010
- YÜCEL H., Single and multicomponent ion exchange of silver, zinc and copper on zeolite 4A, Postgraduate, H.AY(Student), 2008
- TURANLI L., YÜCEL H., Properties and hydration of cementitious systems containing low, moderate and high amounts of natural zeolites, Doctorate, B.UZAL(Student), 2007
- YÜCEL H., Study of sorption of alcohols on high silica ZSM-35, Postgraduate, Y.BABUÇCUOĞLU(Student), 2007
- YÜCEL H., Development of organic-inorganic composite membranes for fuel cell applications, Postgraduate, H.ERDENER(Student), 2007
- YÜCEL H., Multicomponent ion exchange on clinoptilolite, Postgraduate, K.BAYRAKTAROĞLU(Student), 2006
- YÜCEL H., Synthesis and characterization of zeolite beta, Postgraduate, N.HAKAN(Student), 2006
- YÜCEL H., Lead(II) and ammonium exchange on na form of gördes clinoptilolite, Postgraduate, S.AŞİROĞLU(Student), 2006
- YILMAZER Ü., YÜCEL H., Preparation and characterization of nanocomposites with a thermoplastic matrix and spherical reinforcement, Postgraduate, D.ERSU(Student), 2006
- YÜCEL H., Production and characterizaiton of activated carbon from hazelnut shell and hazelnut husk, Postgraduate, Ç.ÇUHADAR(Student), 2005
- YÜCEL H., Mass transfer and kinetics in oxygen delignification, Doctorate, İ.Doğan(Student), 2005
- YÜCEL H., Sorption od cadmium and lead on activated carbons produced from resins and agricultural wastes, Postgraduate, A.MERT(Student), 2005
- YÜCEL H., Production and characterization of activated carbon from hazelnut shell and hazelnut husk, Postgraduate, Ç.Çuhadar(Student), 2005
- YÜCEL H., Sorption of cadmium and lead on activated carbons produced from resins and agricultural wastes,

Postgraduate, A.Mert(Student), 2005

YÜCEL H., Production and characterization of activated carbon from apricot stones, Postgraduate, N.URAL(Student), 2004

YÜCEL H., Production and characterization of activated carbon from sulphonated styrene divinyl benzene copolymer, Postgraduate, W.ABDALLAH(Student), 2004

YÜCEL H., Synthesis and characterization of ZSM-35, Postgraduate, Z.COŞKUN(Student), 2003

YÜCEL H., Exchanges of strontium on clinoptilolite zeolite, Postgraduate, Ö.GÜL(Student), 2003

YÜCEL H., Sorption properties of high silica zeolites: ZSM-35 and ZSM-5, Postgraduate, G.Tütüncü(Student), 2003

YÜCEL H., Sorption properties of high silica zeolites: ZSM-35 and ZSM-5, Postgraduate, G.TÜTÜNCÜ(Student), 2003

YÜCEL H., ÇULFAZ A., Ion exchange properties of Gördes clinoptilolite: ammonium exchange., Postgraduate, E.Özlem(Student), 2002

YÜCEL H., Ion exchange properties of Gördes clinoptilolite: Ammonium exchange, Postgraduate, E.ÖZLEM(Student), 2002

YÜCEL H., A Study on the use of activated carbon to remove color in the sugar., Postgraduate, H.LUMADEDE(Student), 2002

YILMAZER Ü., YÜCEL H., Impact modification of sepiolite-epoxy composites., Postgraduate, S.GÜLŞAH(Student), 2002

YÜCEL H., Synthesis, modification and characterization of sodalites, Postgraduate, A.CAN(Student), 2001

YILMAZER Ü., YÜCEL H., Processing and characterization of sepiolite -filled epoxy resin, Postgraduate, F.ABU(Student), 2001

YÜCEL H., Adsorption of fructose and glucose on CaY zeolites, Postgraduate, P.Akın(Student), 1999

YÜCEL H., Adsorption of fructose and glucose on Ca Y zeolites, Postgraduate, P.AKIN(Student), 1999

YÜCEL H., Studies of Cs-137 exchange on clinoptilolite zeolite by tracer technique, Doctorate, A.ABUSAF(A(Student), 1999

YÜCEL H., Production and characterization of activated carbon from pyrolysis of copolymers, Postgraduate, A.ÖZTÜRK(Student), 1999

YÜCEL H., Removal of lead from water by natural clinoptilolite, Postgraduate, Ş.Güray(Student), 1997

YÜCEL H., Removal of lead from waters by natural clinoptilolite, Postgraduate, Ş.GÜRAY(Student), 1997

YÜCEL H., ÇULFAZ A., Sorption properties of a high silica zeolite ZSM-35, Postgraduate, A.Öztin(Student), 1997

YÜCEL H., Removal of lead from water by activated carbon, Postgraduate, W.EL(Student), 1996

YÜCEL H., Removal of lead from water by activated carbon, Postgraduate, W.El(Student), 1996

ÇULFAZ A., YÜCEL H., Modification of morphology of zeolite for use as phosphate replacement in detergents., Postgraduate, H.Kalıpçılar(Student), 1995

YÜCEL H., Modification of morphology of zeolite A for use as phosphate replacement, Postgraduate, H.KALIPÇILAR(Student), 1995

YÜCEL H., ÇULFAZ A., Column studies of ammonium and cesium exchanges on Bigadiç clinoptilolite, Postgraduate, A.Abusafa(Student), 1995

YÜCEL H., Column studies of ammonium and cesium exchanges on Bigadiç clinoptilolite, Postgraduate, A.ABUSAF(A(Student), 1995

YÜCEL H., Characterization of pore structure of Turkish coals and their chars obtained by carbonization and CO activation, Doctorate, İ.Gökhan(Student), 1994

YÜCEL H., Characterization of pore structure of Turkish coals and their chars obtained by carbonization and CO₂ activation, Doctorate, İ.ŞENEL(Student), 1994

YÜCEL H., EROĞLU İ., A study of dynamic behaviour of catalytic fluidized bed reactors, Doctorate, İ.Akşahin(Student), 1993

YÜCEL H., A Study of dynamic behaviour of catalytic fluidized bed reactors, Doctorate, İ.AKŞAHİN(Student), 1993

DOĞU T., YÜCEL H., Kinetics of activated carbon production from almond shell, hazelnut shell and beech wood and characterization of products., Doctorate, S.Balcı(Student), 1992

YÜCEL H., ÇULFAZ A., Adsorption properties of synthetic and natural ferrierites, Postgraduate, A.Nevzat(Student), 1992

YÜCEL H., Column studies of ammonium ion exchange on clinoptilolite, Postgraduate, H.A(Student), 1991

YÜCEL H., Adsorption properties of ferrierite and silicalite, Postgraduate, H.KARSLI(Student), 1990

YÜCEL H., Preparation of metal silicates from perlite, Postgraduate, S.YILMAZ(Student), 1990

YÜCEL H., Equilibrium study of ammonium ion exchange by clinoptilolite, Postgraduate, M.AHMED(Student), 1988

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Short-term antimicrobial properties of mineral trioxide aggregate with incorporated silver-zeolite**
ODABAŞ M. E., ÇINAR Ç., AKCA G., Araz I., Uluşu T., YÜCEL H.
DENTAL TRAUMATOLOGY, vol.27, no.3, pp.189-194, 2011 (SCI-Expanded)
- II. **Pozzolan activity of clinoptilolite: A comparative study with silica fume, fly ash and a non-zeolitic natural pozzolan**
Uzal B., TURANLI L., YÜCEL H., GÖNCÜOĞLU M. C., Culfaz A.
CEMENT AND CONCRETE RESEARCH, vol.40, no.3, pp.398-404, 2010 (SCI-Expanded)
- III. **Antibacterial Effect of Silver-Zeolite Containing Root-Canal Filling Material**
ÇINAR Ç., Uluşu T., ÖZÇELİK B., Karamuftuoglu N., YÜCEL H.
JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART B-APPLIED BIOMATERIALS, no.2, pp.592-595, 2009 (SCI-Expanded)
- IV. **Effects of sulfonated polyether-etherketone (SPEEK) and composite membranes on the proton exchange membrane fuel cell (PEMFC) performance**
Sengul E., Erdener H., Akay R. G., YÜCEL H., BAÇ N., Eroglu I.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.34, no.10, pp.4645-4652, 2009 (SCI-Expanded)
- V. **Decolorization of sugar syrups using commercial and sugar beet pulp based activated carbons**
Mudoga H. L., YÜCEL H., Kincal N. S.
BIORESOURCE TECHNOLOGY, vol.99, no.9, pp.3528-3533, 2008 (SCI-Expanded)
- VI. **Physical and chemical properties of selected Turkish lignites and their pyrolysis and gasification rates determined by thermogravimetric analysis**
Cakal G. O., Yucel H., Guruz A. G.
JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS, vol.80, no.1, pp.262-268, 2007 (SCI-Expanded)
- VII. **Crystallization field and rate study for the synthesis of ferrierite**
Gogebakan Z., Yucel H., Culfaz A.
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, vol.46, no.7, pp.2006-2012, 2007 (SCI-Expanded)

Supported Projects

YÜCEL H., Project Supported by Higher Education Institutions, Merkezi Laboratuvar : Ar-Ge Eğitim Ve Ölçme Merkezinde Malzeme Karakterizasyonu, 2008 - Continues

YÜCEL H., Project Supported by Higher Education Institutions, Hidrokarbonların Farklı Mcm-41 Örnekleri Üzerindeki Sorpsiyon Kapasitelerinin Karşılaştırılması, 2011 - 2011

Metrics

Publication: 7

Citation (WoS): 447

Citation (Scopus): 370

H-Index (WoS): 7

H-Index (Scopus): 6