

Prof. Mehmet Rauf Birsehan MAHRAMANLIOĞLU

Personal Information

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Research Areas

Chemical Engineering and Technology, Basic Operations and Thermodynamics, Thermodynamics, Chemistry, Physical Chemistry, Interface Chemistry, Natural Sciences, Engineering and Technology

Courses

Kolloid Kimyası, Under Graduate, 2014 - 2015, 2015 - 2016, 2016 - 2017

AKUATİK KİMYA, Doctorate, 2012 - 2013, 2015 - 2016

KİMYACILAR İÇİN MATEMATİK, Under Graduate, 2013 - 2014, 2014 - 2015, 2015 - 2016

AKUATİK KİMYA, Doctorate, 2013 - 2014

Advising Theses

MAHRAMANLIOĞLU M. R. B. , İYONİK SIVILARIN KULLANILMIŞ AĞARTMA TOPRAĞINDAN ELDE EDİLEN ADSORBENTLER İLE UZAKLAŞTIRILMASI, Post Graduate, G.KOTİL(Student), 2015

MAHRAMANLIOĞLU M. R. B. , KULLANILMIŞ AĞARTMA TOPRAĞINDAN ELDE EDİLEN ADSORBENTLERLE BOYAR MADDE UZAKLAŞTIRILMASI, Post Graduate, T.Yuksekk(Student), 2014

Jury Memberships

Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, Ekim 2011., Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, Ekim 2011., May, 2013

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

- **Adsorption of Carbamazepine on the Adsorbent Produced from Spent Bleaching Earth**
Mahramanlioglu M., Onnar O. O.
ASIAN JOURNAL OF CHEMISTRY, vol.25, pp.1033-1035, 2013 (Journal Indexed in SCI)
- **Low temperature regeneration of activated carbons using microwaves: Revising conventional wisdom**
Caliskan E., Bermudez J. M. , Parra J. B. , Menendez J. A. , Mahramanlioglu M., Ania C. O.
JOURNAL OF ENVIRONMENTAL MANAGEMENT, vol.102, pp.134-140, 2012 (Journal Indexed in SCI)
- **Adsorption of Imidacloprid on Powdered Activated Carbon and Magnetic Activated Carbon**
Zahoor M., Mahramanlioglu M.
CHEMICAL AND BIOCHEMICAL ENGINEERING QUARTERLY, vol.25, pp.55-63, 2011 (Journal Indexed in SCI)
- **REMOVAL OF 2, 4-D FROM WATER, USING VARIOUS ADSORBENTS IN COMBINATION WITH ULTRAFILTRATION**

Zahoor M., Mahramanlioglu M.

FRESENIUS ENVIRONMENTAL BULLETIN, vol.20, pp.2508-2513, 2011 (Journal Indexed in SCI)

Removal of Phenolic Substances from Water by Adsorption and Adsorption-Ultrafiltration

Zahoor M., Mahramanlioglu M.

SEPARATION SCIENCE AND TECHNOLOGY, vol.46, pp.1482-1494, 2011 (Journal Indexed in SCI)

Adsorption of Pyridine by Acid Treated Spent Bleaching Earth

Mahramanlioglu M., Ozgen O., Cinarli A., Kizilcikli I.

ASIAN JOURNAL OF CHEMISTRY, vol.22, pp.1428-1434, 2010 (Journal Indexed in SCI)

REMOVAL OF PHENOL RED BY ACTIVATED CARBON AND MAGNETIC ACTIVATED CARBONS

Mahramanlioglu M., Al M., Zahoor M., Cinarli A., Kizilcikli I.

FRESENIUS ENVIRONMENTAL BULLETIN, vol.19, pp.911-918, 2010 (Journal Indexed in SCI)

Adsorption of alpha-Picoline and gamma-Picoline on the Adsorbent Produced from Spent Bleaching Earth

Mahramanlioglu M., Ozgen O.

ASIAN JOURNAL OF CHEMISTRY, vol.21, pp.635-643, 2009 (Journal Indexed in SCI)

Adsorption of beta-picoline on the adsorbents produced from spent bleaching earth

Mahramanlioglu M. R. B.

ASIAN JOURNAL OF CHEMISTRY, vol.20, pp.1444-1450, 2008 (Journal Indexed in SCI)

Removal of uranium by the adsorbents produced from coffee residues

Mahramanlioglu M., Bicer I. O., Misirli T., Kilislioglu A.

JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.273, pp.621-624, 2007 (Journal Indexed in SCI)

Adsorption of uranium by adsorbents produced from coal mining waste

Mahramanlioglu M. R. B., Gueclue K., Kizilcikli I.

FRESENIUS ENVIRONMENTAL BULLETIN, vol.16, pp.998-1004, 2007 (Journal Indexed in SCI)

Removal of Chromium(III) by the adsorbents produced from coal mining wastes

Mahramanlioglu M., Guclu K., Misirli T.

ASIAN JOURNAL OF CHEMISTRY, vol.18, pp.145-154, 2006 (Journal Indexed in SCI)

The removal of anionic naphthalene derivatives by the adsorbents produced from used tires

Mahramanlioglu M., Bicer I. O., Misirli T., Caliskan E., Guel S., Misirli C.

FRESENIUS ENVIRONMENTAL BULLETIN, vol.15, pp.1150-1155, 2006 (Journal Indexed in SCI)

Removal of fluoride using the adsorbents produced from mining waste

Cinarli A., Bicer O., Mahramanlioglu M.

FRESENIUS ENVIRONMENTAL BULLETIN, vol.14, pp.520-525, 2005 (Journal Indexed in SCI)

Equilibrium, kinetic and mass transfer studies and column operations for the removal of arsenic(III) from aqueous solutions using acid treated spent bleaching earth

MAHRAMANLIOĞLU M. R. B., GÜÇLÜ K.

ENVIRONMENTAL TECHNOLOGY, vol.25, pp.1067-1076, 2004 (Journal Indexed in SCI)

Removal of thiram from aqueous solutions with adsorbents produced from coal mining waste

Misirli T., Bicer I., Mahramanlioglu M.

FRESENIUS ENVIRONMENTAL BULLETIN, vol.13, pp.1010-1015, 2004 (Journal Indexed in SCI)

Adsorption of Cr(VI) from Aqueous Solutions by Adsorbents Produced from Coal Mining Wastes

GÜÇLÜ K., MAHRAMANLIOĞLU M. R. B.

FRESENIUS ENVIRONMENTAL BULLETIN, vol.12, pp.1492-1498, 2003 (Journal Indexed in SCI Expanded)

Adsorption of uranium on adsorbents produced from used tires

Mahramanlioglu M. R. B.

JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.256, pp.99-105, 2003 (Journal Indexed in SCI)

Mass Transfer and Adsorption Kinetics During the Adsorption of Fluoride onto Activated Clays in Agitated Systems

KIZILCIKLI İ., MAHRAMANLIOĞLU M. R., KIRBAŞLAR Ş. İ.

FRESENIUS ENVIRONMENTAL BULLETIN, vol.12, 2003 (Journal Indexed in SCI Expanded)

Removal of MCPA (4-chloro-2-methylphenoxy-acetic acid) from aqueous solutions using adsorbent

produced from elutrilithe

MAHRAMANLIOĞLU M. R. B. , GÜÇLÜ K.

ENERGY SOURCES, vol.25, pp.1-13, 2003 (Journal Indexed in SCI)

● **2,4 D adsorption by the adsorbents produced from contaminated soil**

KIZILCIKLI İ., MAHRAMANLIOĞLU M. R.

FRESENIUS ENVIRONMENTAL BULLETIN, vol.11, pp.1098-1104, 2002 (Journal Indexed in SCI)

● **Adsorption of fluoride from aqueous solution by acid treated spent bleaching earth**

Mahramanlioglu M., Kizilcikli I., Bicer I.

JOURNAL OF FLUORINE CHEMISTRY, vol.115, pp.41-47, 2002 (Journal Indexed in SCI)

● **Removal of 2,4-D from aqueous solution by the adsorbents from spent bleaching earth**

Mahramanlioglu M., Kizilcikli I., Bicer I., Tuncay M.

JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART B-PESTICIDES FOOD CONTAMINANTS AND AGRICULTURAL WASTES, vol.35, pp.187-200, 2000 (Journal Indexed in SCI)

Articles Published in Other Journals

● **Utilization of Hazelnut Husks, Tea and Tobacco Wastes, as Raw Materials**

KIRBAŞLAR Ş. İ. , Kirbaşlar G., MAHRAMANLIOĞLU M. R. B. , SEVGİLİ L. M. , DRAMUR M. U.

Pamukkale Üniversitesi Mühendislik Fakültesi Mühendislik Bilimleri Dergisi, vol.7, pp.139-143, 2001 (National Refreed University Journal)

● **Utilisation of agricultural wastes as raw materials**

KIRBAŞLAR Ş. İ. , KIRBAŞLAR F. G. , MAHRAMANLIOĞLU M. R. B.

Pamukkale University Engineering Collage Journal of Engineering Science, vol.7, pp.139-143, 2001 (National Refreed University Journal)

● **MEASURED DENSITIES, REFRACTIVE INDICES, EXCESS MOLAR VOLUMES AND DEVIATIONS CALCULATED FROM MOLAR REFRACTION OF THE BINARY MIXTURE OF ETHANOL + 1-NONANOL AND TERNARY MIXTURE ETHANOL + 1-NONANOL + WATER AT 293.15 K**

MAHRAMANLIOĞLU M. R. B. , KIRBAŞLAR Ş. İ.

PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES, vol.6, pp.263-266, 2000 (International Refreed University Journal)

● **Removal of Phenol Compounds by Adsorption on Activated Lignite Coals**

YAŞAR M., Gulensoy H., MAHRAMANLIOĞLU M. R. B.

Chimica Acta Turcia, pp.65-70, 1998 (National Refreed University Journal)

Refereed Congress / Symposium Publications in Proceedings

● **Adsorption of Arsenic(V) on Adsorbents Produced from Solid Wastes**

GÜÇLÜ K., MAHRAMANLIOĞLU M. R. B. , ÖZYÜREK M., ÖZBAŞ F., ZAHOR M.

TURCMOS 2017 III. International Turkish Congress on Molecular Spectroscopy, Muğla, Turkey, 26 - 29 August 2017, vol.P-192, pp.326

● **The Preparation of Polymeric Nanobeads for Adsorption Process of Acid Blue**

AROĞUZ A. Z. , MAHRAMANLIOĞLU M. R. B. , KARAKUŞ S., KİŞMİR Y.

41. IUPAC World Chemistry Congress, Italy, pp.44

● **Removal and recovery of water soluble essential oil components**

KIRBAŞLAR Ş. İ. , MAHRAMANLIOĞLU M. R. B.

14th International Congress of Chemical and Process Engineering, CHISA'2000, Czech Republic, 1 - 04 August 2000

● **Characterization of Oil Slicks on Sea of Marmara**

YAŞAR M., mahramanlioğlu m., GÜRDAĞ G.

35th IUPAC Congress, İstanbul, Turkey, 14 - 19 August 1995, pp.178

Supported Projects

- MAHRAMANLIOĞLU M. R. B. , Project Supported by Higher Education Institutions, İyonik Sıvıların Kullanılmış Ağartma Toprağından Üretilen Adsorbentlerle Adsorpsiyonu, 2011 - 2017
- MAHRAMANLIOĞLU M. R. B. , Project Supported by Higher Education Institutions, Kullanılmış Ağartma Toprağından Elde Edilen Adsorbentlerle Boyar Madde Uzaklaştırılması, 2014 - 2014
- MAHRAMANLIOĞLU M. R. B. , Project Supported by Higher Education Institutions, Türkiye'de Üretilen Kömürlerden Elde Edilen Adsorbentler Üzerinde Boyarmaddelerin Adsorpsiyonu, 2010 - 2014
- MAHRAMANLIOĞLU M. R. B. , Project Supported by Higher Education Institutions, İyonik Sıvıların Sulu Çözeltilerden Aktif Karbon İle Uzaklaştırılması, 2010 - 2011
- MAHRAMANLIOĞLU M. R. B. , Project Supported by Higher Education Institutions, Bazı İlaç Etken Maddelerinin Sulu Ortamda ve Yüzey Aktif Maddeler Varlığında Adsorpsiyonunun İncelenmesi, 2009 - 2011
- MAHRAMANLIOĞLU M. R. B. , ZAHOR M., Project Supported by Higher Education Institutions, Bazı Organik Maddelerin Adsorpsiyon-Filtrasyon ve Adsorpsiyon-Membran Hibrit Sistemleri İle Sulardan Uzaklaştırılması, 2009 - 2011
- MAHRAMANLIOĞLU M. R. B. , Project Supported by Higher Education Institutions, Kömürden Elde Edilen Elde Edilen Aktif Karbonlar İle Sulardan Fenol Kırmızısı Uzaklaştırılması, 2008 - 2011
- MAHRAMANLIOĞLU M. R. B. , Project Supported by Higher Education Institutions, Bazı Organik ve İnorganik Maddelerin Aktif Karbon ve Magnetik Adsorbentler Üzerine Adsorpsiyonu, 2008 - 2011
- MAHRAMANLIOĞLU M. R. B. , Project Supported by Higher Education Institutions, Kullanılmış Ağartma Toprağından Üretilen Adsorbent Üzerinde Karbamazapın Adsorpsiyonu, 2010 - 2010
- MAHRAMANLIOĞLU M. R. B. , Project Supported by Higher Education Institutions, Kullanılmış Ağartma Toprağından Üretilen Adsorbentler İle Yüzey Aktif Maddelerin Adsorpsiyonu, 2009 - 2009
- MAHRAMANLIOĞLU M. R. B. , Project Supported by Higher Education Institutions, Humik Asidin Değişik Adsorbentler Üzerine Adsorpsiyonu, 2008 - 2009

Activities in Scientific Journals

PCCP(PHYSICAL CHEMISTRYCHEMICALPHYSICS), Advisory Committee Member, 2005 - Continues

Memberships / Tasks in Scientific Organizations

EuChe MS, Member, 2005 - Continues

(EUROPEAN CHEMICAL AND MOLECULAR SCIENCES), Member, 2003 - Continues

Scientific Refereeing

- Toxicological & Environmental Chemistry:ASSESSMENT OF AGE-DEPENDENT RADIATION DOSE AND TOXICITY RISK DUE TO INTAKE OF URANIUM THROUGH THE INGESTION OF GROUNDWATER FROM NORTHERN RAJASTHAN, INDIA, SCI Journal, July 2015
- Desalination and Water Treatment : A Study on the Organics Adsorption Capacities of Powdered Activated Carbon and Activated Coke in Reclaimed Water, SCI Journal, July 2015
- Separation Science and Technology :Enhanced removal of Nickel (II) from aqueous solutions by modified graphene oxide, SCI Journal, June 2015
- : Evaluation of the Ph.D thesis of Mr. Zarshad Ali entitled Exploration of Functionalized Sorbents for Heavy Metal Ions Removal, Other journals, February 2015
- American Chemical Science Journal, Other Indexed Journal, May 2014
- Toxicological & Environmental Chemistry, SCI Journal, April 2014
- TOXIGENIC POTENTIAL OF MYCOBIOTA, ITS CONTROL AND DETOXIFICATION OF AFLATOXIN IN, Other journals, March

2014

Fresenius Environmental Bulletin, SCI Journal, March 2013

Fresenius Environmental Bulletin, SCI Journal, October 2012

Journal of Scientific Research and Reports, Other Indexed Journal, August 2012

Invited Congress and Symposium Activities

MALTA IX, Adsorption of Paracetamol on Magnetic Activated Carbon, Attendee, --Seçiniz--, Malta, 2019

MALTAIX Removal of Paracetamol from Aqueous Solutions by the Adsorbents Produced from Spent Bleaching Earth, Attendee, Malta, 2019

DÜNDEN BUGÜNE ENGELLİLİK, Attendee, İstanbul, Turkey, 2018

IUPAC SUMMER SCHOOL, GREEN APPROACH TO ENERGY IN TURKEY, Attendee, Venice, Italy, 2018

MALTA VIII, BEING A DISABLED STUDENT IN CHEMISTRY AND CHEMICAL ENGINEERING DEPARTMENTS, Attendee, Malta, 2017

3RDEuGSC Congresson Green and Sustainable Chemistry, Attendee, York, United Kingdom, 2017

CHEMISTRY FESTIVAL MEETING, Attendee, Szeged, Hungary, 2017

TURCMOS, Attendee, Muğla, Turkey, 2017

6th EuCheMS Congress, Attendee, Sevilla, Spain, 2016

MALTA CONFERENCE-ADSORPTION OF IONIC LIQUIDS BY THE ADSORBENTS PRODUCED FROM SPENT BLEACHING EARTH, Attendee, Fâs, Morocco, 2015

2nd EuGSC-ADSORPTIVE REMOVAL OF DRUGS IN THE PRESENCE OF SURFACTANTS, Attendee, Lisboa, Portugal, 2015

Ulusal Kimya Kongresi, Session Moderator, Çanakkale, Turkey, 2015

5 th EUROPEAN CHEMISTRY CONGRESS, Session Moderator, İstanbul, Turkey, 2014

3. Ulusal Kimya Eğitimi Kongresi, Invited Speaker, Trabzon, Turkey, 2013

IUPAC WORLD CHEMISTRY CONGRESS, Session Moderator, İstanbul, Turkey, 2013

Citations

Total Citations (WOS):573

h-index (WOS):9