

Asst. Prof. Mustafa KARABOYACI

Personal Information

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Education Information

Doctorate, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey Continues

Post Graduate, Suleyman Demirel University, Fen Bilimleri Enstitüsü, Kimya (YI), Turkey Continues

Under Graduate, Suleyman Demirel University, Fen-Edebiyat Fakültesi, Kimya, Turkey Continues

Research Areas

Chemical Engineering and Technology, Chemical Technologies, Environmental Chemistry and Technology, Engineering and Technology

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

- I. **Crystal structure, Hirshfeld surface, spectroscopic analyses, electronic properties, NLO profile and thermochemical study of an antispasmodic agent trimebutine**
KARABOYACI M., GÖKCE H., ALPASLAN G., ÖZTÜRK N.
JOURNAL OF MOLECULAR STRUCTURE, vol.1199, 2020 (Journal Indexed in SCI)
- II. **Investigation of Alternative Ecologic Bleaching Methods for the Wool Fibers**
Erdogan M. U. , KARABOYACI M.
JOURNAL OF NATURAL FIBERS, 2019 (Journal Indexed in SCI)
- III. **MEASUREMENT OF WORK SAFETY AND OCCUPATIONAL HEALTH PERCEPTIONS OF CHEMICAL SECTOR EMPLOYEES**
KARABOYACI M., Kandemir H., Uysal E.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, pp.8511-8519, 2019 (Journal Indexed in SCI)
- IV. **ECOTOXICOLOGICAL RESPONSES OF MORPHOLOGICAL AND PHYSIOLOGICAL PARAMETERS OF CADMIUM-STRESSED MAIZE SEEDS**
KILIÇ S., KARABOYACI M., ŞENCAN A., KILIÇ M.
BANGLADESH JOURNAL OF BOTANY, vol.46, pp.211-216, 2017 (Journal Indexed in SCI)
- V. **Sustainable textile production: cleaner production assessment/eco-efficiency analysis study in a textile mill**
Ozturk E., KÖSEOĞLU H., KARABOYACI M., YİĞİT N. Ö. , YETİŞ Ü., KİTİŞ M.
JOURNAL OF CLEANER PRODUCTION, vol.138, pp.248-263, 2016 (Journal Indexed in SCI)
- VI. **Minimization of water and chemical use in a cotton/polyester fabric dyeing textile mill**
Ozturk E., KÖSEOĞLU H., KARABOYACI M., YİĞİT N. Ö. , YETİŞ Ü., KİTİŞ M.
JOURNAL OF CLEANER PRODUCTION, vol.130, pp.92-102, 2016 (Journal Indexed in SCI)
- VII. **Comparison of Selected Properties of Eco-Friendly Soybean and Other Fibres**
YILMAZ D., KARABOYACI M., KILIC H., KITAPCI K., YELKOVAN S.
FIBRES & TEXTILES IN EASTERN EUROPE, vol.23, pp.14-24, 2015 (Journal Indexed in SCI)
- VIII. **Determination of lead(II) sorption capacity of hazelnut shell and activated carbon obtained from hazelnut shell activated with ZnCl₂**

- ŞENCAN A., KARABOYACI M., KILIÇ M.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.22, pp.3238-3248, 2015 (Journal Indexed in SCI)
- IX. **Evaluation of Integrated Pollution Prevention Control in a textile fiber production and dyeing mill**
Ozturk E., KARABOYACI M., YETİŞ Ü., YİĞİT N. Ö. , KİTİŞ M.
JOURNAL OF CLEANER PRODUCTION, vol.88, pp.116-124, 2015 (Journal Indexed in SCI)
- X. **Ecological wool dyeing with pulps of lavender, broom, and red wine**
KARABOYACI M., UĞUR Ş. S.
JOURNAL OF THE TEXTILE INSTITUTE, vol.105, pp.821-827, 2014 (Journal Indexed in SCI)
- XI. **Recycling of rose wastes for use in natural plant dye and industrial applications**
Karaboyaci M.
JOURNAL OF THE TEXTILE INSTITUTE, vol.105, pp.1160-1166, 2014 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Production and characterization of natural lemonade powder using β -Cyclodextrin particles**
İNCEGÜL Y., KARABOYACI M., AYDIN E., ÖZÇELİK M. M. , ÖZKAN G.
Bilge International Journal of Science and Technology Research, vol.2, pp.10-18, 2018 (Refereed Journals of Other Institutions)
- II. **Tekstil sektöründe temiz üretim potansiyelinin değerlendirilmesi**
ÖZTÜRK E., HASANOĞLU P., TANAÇAN E., ÖZGÜR C., KARABOYACI M., KİTİŞ M.
Çevre Bilim ve Teknoloji Dergisi, vol.3, pp.79-107, 2018 (Other Refereed National Journals)
- III. **Process Design for the Recycling Of Tetra Pak Components**
KARABOYACI M., ELBEK G. G. , KILIÇ M., ŞENCAN A.
European Journal Engineering and Natural Sciences, vol.2, pp.126-129, 2017 (Refereed Journals of Other Institutions)
- IV. **Bitkisel Atıklar Kullanılarak Yün Pamuk ve Rejenere Soya Lifleri için Ekolojik Boyama**
KAYAHAN E., KARABOYACI M., DAYIK M.
Tekstil ve Mühendis, vol.23, pp.112-125, 2016 (Other Refereed National Journals)
- V. **Tekstil Boyama Proseslerinde Ultrasonik Teknolojinin Kullanımı**
KAYAHAN E., KARABOYACI M.
Tekstil Teknolojileri Elektronik Dergisi, vol.8, pp.62-73, 2014 (Other Refereed National Journals)
- VI. **Melastan Elde Edilen Boyarmadde ile Ekolojik Yün Boyama**
KAYAHAN E., KARABOYACI M.
Tekstil Teknolojileri Elektronik Dergisi, vol.8, pp.8-22, 2014 (Other Refereed National Journals)
- VII. **Koku İçeren Mikrokapsül Uygulanmış Akrilik El Örgüsü İpliklerden Örülen Kumaşların Karakterizasyonu**
KARABOYACI M., ALAY AKSOY S., AYDIN N., ÖZTÜRK G.
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.15, pp.67-74, 2011 (Refereed Journals of Other Institutions)
- VIII. **NANO POLİÜRETANIN EL ÖRGÜ İPLİKLERİNDE ANTI PİLLİNG AJANI OLARAK KULLANILABİLİRLİĞİ**
KARABOYACI M., UĞUR Ş. S.
TEKSTİL ve MÜHENDİS, vol.17, pp.1-6, 2010 (Other Refereed National Journals)
- IX. **Organik Yünün Boyanmasında Alternatif Yöntem Olarak Pamuk Baskı Boyalarının Kullanılması**
KARABOYACI M., UĞUR Ş. S.
Tekstil Teknolojileri Elektronik Dergisi, vol.4, pp.24-29, 2010 (Other Refereed National Journals)
- X. **Akrilik Liflerinin Ağartılması için Alternatif Yöntem Araştırması**
KARABOYACI M., UĞUR Ş. S.
Tekstil Teknolojileri Elektronik Dergisi, vol.4, pp.1-8, 2010 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

- I. **Graft Polymerization of Waste PAN Fibers onto Sunflower Stalk**
KARABOYACI M., CENGİZ M.
International Conference on Science and Technology, Prizren, Serbia And Montenegro, 5 - 09 September 2018, pp.919-923
- II. **Development of Cyclodextrin Particle Reinforced Composites Containing Tea Tree oil for the Treatment of Horse Nail Fractures**
SOBKOWIAK K., KOCABIYIK A., KARABOYACI M.
International Conference on Science and Technology ICONST 2018, 5 - 09 September 2018, pp.888-893
- III. **Measurement Of Work Safety And Occupational Health Perceptions of Chemical Sector Employes**
KARABOYACI M., KANDEMİR H., UYSAL E.
International Conference on Science and Technology, Prizren, Serbia And Montenegro, 5 - 09 September 2018, pp.201-210
- IV. **Staining of wood using natural dye obtained by lichen extractives and determination of color values**
YILMAZ AYDIN T., KARABOYACI M., NACAĞCI F. M.
International Symposium on New Horizons in Forestry, Isparta, Turkey, 18 - 20 October 2017, pp.305
- V. **Production Of Anthocyanin Dye Sensitized Solar Cell From Red Wine Pulp**
KARABOYACI M., CAN C., TAŞDELEN K., ŞENCAN A., KILIÇ M.
III International Conference on Engineering and Natural Sciences, Budapest, Hungary, 3 - 07 May 2017, pp.386
- VI. **Preparation Of Activated Carbon From Apple Pulp With Ecological Precursor**
KILIÇ M., KARABOYACI M., KILIÇ S., ŞENCAN A.
III International Conference on Engineering and Natural Sciences, Budapest, Hungary, 3 - 07 May 2017, pp.381
- VII. **Production Of Celluloid From Rose Wastes**
KARABOYACI M., Can C., ŞENCAN A., KILIÇ M.
III International Conference on Engineering and Natural Sciences, Budapest, Hungary, 3 - 07 May 2017, pp.387
- VIII. **Investigation of the Effect of Mono-and Divalent Cation Concentration on A Lab-Scale EBPR System**
KILIÇ M., YAZICI H., KILIÇ S., KARABOYACI M., ŞENCAN A.
III International Conference on Engineering and Natural Sciences, Budapest, Hungary, 3 - 07 May 2017, pp.294
- IX. **Chemically Color Removal from Textile Wastewater with Oxidizing and Reducing Agents**
KARABOYACI M., UYSAL M., ŞENCAN A., KILIÇ M.
International Conference on Engineering and Natural Sciences (ICENS) 2016, Saraybosna, Bosnia And Herzegovina, 24 - 28 May 2016, vol.8, pp.2082-2085
- X. **ADSORPTION OF CERTAIN PESTICIDES IN APPLE JUICE WITH ACTIVATED CARBON PRODUCED FROM PULP OF POMEGRANATE PEEL**
ŞENCAN A., ÇİFTÇİ m., KARABOYACI M., KILIÇ M.
International Conference on Engineering and Natural Sciences, 3 - 07 May 2016, pp.1944-1947
- XI. **REDUCING THE MASS OF THE LIGHTWEIGHT CONSTRUCTION ELEMENTS WITH SUPERABSORBENT POLYMERS**
ŞENCAN A., KARABOYACI M., KILIÇ M.
International Conference on Engineering and Natural Sciences, 3 - 07 May 2016, pp.736
- XII. **GÜL POSASINDAN RAYON ELYAF ÜRETİMİ PRODUCTION OF RAYON FIBER FROM ROSE WASTE**
KARABOYACI M.
UTİB Türkiye Tekstil Sektöründe 7. arge proje Pazarı, Bursa, Turkey, 22 - 24 May 2015, pp.550-551
- XIII. **REUSE OF OLIVE MILL WASTE WATER AS A NATURAL DYE FOR CATIONIZED COTTON**
KAYAHAN E., KARABOYACI M.
7th INTERNATIONAL TEXTILE, CLOTHING & DESIGN CONFERENCE - Magic World of Textiles October 05th to 08th 2014, DUBROVNIK, CROATIA, Dubrovnik, Croatia, 5 - 08 October 2014
- XIV. **Water and. Chemical Management Studies for Cleaner Production in a Textile Industry**
Ozturk E., Karaboyaci M., KÖSEOĞLU H., YİĞİT N. Ö. , YETİŞ U., KİTİŞ M.
17th Conference on Process Integration, Modelling and Optimisation for Energy Saving and Pollution Reduction

(PRES 2014), Prague, Czech Republic, 23 - 27 August 2014, vol.39, pp.493-494

- XV. **SUSTAINABLE DYEING PROCESS WITH AGRICULTURAL WASTES FOR TEXTILE PRODUCTS**
KAYAHAN E., KARABOYACI M.
6TH TEXTEH INTERNATIONAL CONFERENCE, 17 - 18 October 2013
- XVI. **RECYCLING OF ROSE WASTES TO ACTIVATED CARBON AND CHARACTERIZATION OF THAT NEW ACTIVATED CARBON**
KARABOYACI M., TAMA B., ŞENCAN A., KILIÇ M.
International Conference on Water, Energy and the Environment, kuiadası, Turkey, 21 - 24 September 2013, pp.1-7
- XVII. **THE PRODUCTION OF INSECT REPELLENT TEXTILE MATERIALS BY USING CYCLODEXTRIN AND RECYCLED GERANIOL**
KARABOYACI M., KAYAHAN E.
13th Autex World Textile Conference, 22 - 24 May 2013
- XVIII. **ECOLOGICAL BLEACHING PROCESS DESIGN WITH PECTINASE AND HYDROGEN PEROXIDE**
KARABOYACI M., UĞUR Ş. S. , KARABOYACI Ö.
13th Autex World Textile Conference, 22 - 24 May 2013
- XIX. **Production and Characterization of a Composite Insulation Material from Waste Polyethylene Teraphtalates**
KURTULMUŞ E., KARABOYACI M., YİĞİTARSLAN S.
3rd International Congress on Advances in Applied Physics and Materials Science, Antalya, Turkey, 24 - 28 April 2013, vol.1569, pp.487-491
- XX. **A NOVEL DESIGN APPROACH FOR GEOTEXTILES USED IN SOLID WASTE DISPOSAL SITES**
UĞUR Ş. S. , ŞENER Ş., Karaboyaci M.
10th International Multidisciplinary Scientific GeoConference SGEM 2010, Albena, Bulgaria, 20 - 26 June 2010, pp.361-362
- XXI. **Dyeing Of Organic Wool With Fresh And Waste Spanih Broom Spartium Junceum Flowers**
KARABOYACI M., UĞUR Ş. S.
International Symposium on Engineering and Architectural Sciences of Balkan, Caucasus and Turkic Republics, 22 - 24 October 2009, pp.22-24
- XXII. **REMOVAL OF COBALT ION FROM AQUEOUS SOLUTIONS BY LIGNOCELLULOSES MODIFIED WITH PAN**
KARABOYACI M., GÖDE F., ŞENCAN A., CENGİZ M.
International Conference on Environment: Survival and Sustainability, Lefkoşa, Cyprus (Kktc), 19 - 24 February 2007, vol.7, pp.3027-3037

Expert Reports

- I. **Kök Boyacılığa Yeni Bir Yaklaşım**
KARABOYACI M.
Sağlık Çevre Kültürü, pp.52-53, 2014 (National Non-Refereed Journal)

Activities in Scientific Journals

Bilge International Journal of Science and Technology Research, Assistant Editor, 2017 - Continues

Invited Congress and Symposium Activities

ICONST, Session Moderator, Prizren, Kosova, 2018

Citations

Total Citations (WOS):119

h-index (WOS):5

Awards

KARABOYACI M., Gül Posası ve Benzeri Endüstriyel Bitkisel Atıklardan Selüloid üretimi, İMMİB, November 2017