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Education Information

Doctorate, Gazi Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey 2007 - 2014

Post Graduate, Gazi Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Yl) (Tezli), Turkey 2003 - 2007

Under Graduate, Gazi Üniversitesi, Fen Fakültesi, Kimya Bölümü, Turkey 1999 - 2003

Dissertations

Doctorate, Yeni nesil iyonik sıvıların sentezi, karakterizasyonu, çözücü ve reaktif özelliklerinin incelenmesi, Gazi Üniversitesi, Kimya (Dr), 2014

Post Graduate, Bazı antrakinon boyar maddelerinin sentezlenmesi, Gazi Üniversitesi, Kimya (Yl) (Tezli), 2006

Research Areas

Organic Chemistry

Academic Titles / Tasks

Lecturer PhD, Middle East Technical University, Faculty Of Engineering, Department Of Environmental Engineering, 2013
- Continues

Research Assistant, Gazi Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Dr), 2005 - 2013

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

- **Removal of methylene blue by new tunable aryl/alkyl ionic liquids/salts (TAAILs) from aqueous solution**
Ozdemir M.
SEPARATION SCIENCE AND TECHNOLOGY, 2019 (Journal Indexed in SCI)
- **1-Aryl-3,5-dimethylpyrazolium based tunable protic ionic liquids (TPILs)**
ÖZDEMİR M., Ozgun B., AKTAN E.
JOURNAL OF MOLECULAR STRUCTURE, vol.1180, pp.564-572, 2019 (Journal Indexed in SCI)
- **Tunable aryl alkyl ionic liquids (TAAILs) based on 1-aryl-3,5-dimethyl-1H-pyrazoles**
ÖZDEMİR M., Ozgun B.
JOURNAL OF MOLECULAR LIQUIDS, vol.248, pp.314-321, 2017 (Journal Indexed in SCI)
- **Phenyl/alkyl-substituted-3,5-dimethylpyrazolium ionic liquids**
Ozdemir M., Ozgun B.

- JOURNAL OF MOLECULAR LIQUIDS, vol.200, pp.129-135, 2014 (Journal Indexed in SCI)
Economic synthesis of quinaldinium fluorochromate(VI), (QnFC), and solvent-free periodic acid oxidation of alcohols catalyzed by QnFC
Canbulat Ozdemir M., Ozgun H. B.
- TURKISH JOURNAL OF CHEMISTRY, vol.38, pp.63-69, 2014 (Journal Indexed in SCI)
3,5-Dimethylpyrazolium Chlorochromate(VI): An Efficient Reagent for Solvent-Free Oxidation of Organic Substrates
Özdemir M., Özgün B.
- SYNTHESIS AND REACTIVITY IN INORGANIC METAL-ORGANIC AND NANO-METAL CHEMISTRY, vol.42, pp.634-637, 2012 (Journal Indexed in SCI)
Synthesis of some novel derivatives of 2,6-diaminoanthraquinone dyes
Yildirim Y., Canbolat M., Disli A., Çolak N.
- Asian Journal of Chemistry, vol.20, pp.6411-6416, 2008 (Journal Indexed in SCI)

Articles Published in Other Journals

- **Quinaldinium Chlorochromate(VI), (QnCC) Catalyzed Oxidation of Alcohols with Periodic Acid Under Solvent-Free Conditions and Microwave Irradiation**
ÖZDEMİR M.
Journal of the Turkish Chemical Society, Section A: Chemistry, vol.5, pp.679-690, 2018 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

- **Synthesis of new pyrazolium based tunable aryl alkyl ionic liquids and their use in removal of methylene blue from aqueous solution**
ÖZDEMİR M.
2nd International Eurasian Conference on Biological and Chemical Sciences(EurasianBioChem 2019), Ankara, Turkey, 28 - 29 June 2019
- **Pyrazolium based Ionic Liquids: Crystal Structures and Theoretical Calculations**
ÖZDEMİR M., AKTAN E., ŞAHİN E.
International Euroasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 26 - 27 April 2018, pp.1357
- **Effects of para-Substitution and Alkyl Chain Length on the Melting Points of Tunable Aryl Alkyl Pyrazolium Hexafluorophosphate Ionic Liquids**
ÖZDEMİR M.
International Euroasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 26 - 27 April 2018, pp.29
- **1-aryl-2-alkyl-3,5-dimethylpyrazolium based tunable aryl alkyl ionic liquids**
ÖZDEMİR M.
1st International Conference on Innovations in Natural Science and Engineering ICINSE 2018, 3 January - 06 February 2018
- **Crystal Structure and Theoretical Calculation of a Promising 'xxGree'xx Solvent**
AKTAN E., ÖZDEMİR M., ŞAHİN E., Özgün B.
Ecology 2017, Kayseri, Turkey, 11 - 13 May 2017
- **Synthesis of new protic 1-(arylsubstituted)-3,5 -dimethylpyrazolium salts**
ÖZDEMİR M., Özgün B.
28. Ulusal Kimya Kongresi, Turkey, 15 - 21 August 2016
- **Aryl alkil 3 5 dimetilpirazolyum Tetrafloroborat ve Heksaflorofosfat İyonik Sıvılarının Sentezi ve Karakterizasyonu**

ÖZDEMİR M., ÖZGÜN B.

2. Ulusal Organik Kimya Kongresi, Turkey, 24 - 26 September 2014

Aril Alkil Pirazolyum İyonik Sıvılarının Sentezi ve Karakterizasyonu

ÖZDEMİR M., ÖZGÜN B.

25. Ulusal Kimya Kongresi, Turkey, 27 June - 02 July 2011, pp.221

Assesment of trace metal contamination of Ankara watercourse and drinking water springs in Ayaş

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4th International Symposium on Trace Elements and Minerals in Medicine and Biology, 9 - 12 June 2010, pp.9

Çözücüsüz Ortamda ve Mikrodalga Işıma Altında Periyodik Asit ile Alkollerin Kinaldinyum

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ÖZDEMİR M., ÖZGÜN B.

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Deoksimlenmesi

ÖZDEMİR M., ÖZGÜN B.

XXI. Ulusal Kimya Kongresi, Turkey, 23 - 27 August 2007

Bazı Antrakininon Türü Boyar Maddelerin Sentezi

YILDIRIR Y., ÖZDEMİR M.

XX. Ulusal Kimya Kongresi, Turkey, 4 - 08 September 2006, pp.147

Citations

Total Citations (WOS):20

h-index (WOS):3