

## Res. Asst. DİLEK AKBAŞLAR

### Personal Information

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### Education Information

Postgraduate, Cukurova University, Fen Edebiyat Fakültesi, Kimya, Turkey 2009 - 2011

Undergraduate, Bogazici University, Faculty Of Education, Kimya Öğretmenliği, Turkey 2001 - 2007

### Research Areas

Chemistry, Organic Chemistry, Chemistry of Heterocyclic Compounds, Natural Sciences

### Academic Titles / Tasks

Research Assistant, Cukurova University, Fen Edebiyat Fakültesi, Kimya, 2009 - Continues

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. Revisit to the synthesis of 1,2,3,4-tetrasubstituted pyrrole derivatives in lactic acid media as a green solvent and catalyst  
AKBAŞLAR D., VAYISOĞLU GİRAY E. S., ALGÜL Ö.  
MOLECULAR DIVERSITY, vol.25, no.4, pp.2321-2338, 2021 (SCI-Expanded)
- II. Simple and efficient synthesis of N-alkyl and N-aryl succinimides in hot water  
Bozdoğan B., ERŞATIR M., DEMİRKOL O., AKBAŞLAR D., Giray E. S.  
SYNTHETIC COMMUNICATIONS, vol.47, no.3, pp.217-223, 2017 (SCI-Expanded)
- III. Cross-alcohol reaction of 3-acetyl-2H-chromen-2-one by using Amberlyst 26A as catalyst  
Erşatır M., Akbaşlar D., Demirkol O., Giray E. S.  
SYNTHETIC COMMUNICATIONS, vol.47, pp.68-77, 2017 (SCI-Expanded)
- IV. Supercritical diethylether: A novel solvent for the synthesis of aryl-3,4,5,6,7,9-hexahydroxanthene-1,8-diones  
ULUSAL H., FINDIKKIRAN G., DEMİRKOL O., AKBAŞLAR D., Giray E. S.  
JOURNAL OF SUPERCRITICAL FLUIDS, vol.105, pp.146-150, 2015 (SCI-Expanded)
- V. One-Pot Synthesis of Mannich Bases Under Solvent-Free Conditions  
DEMİRKOL O., AKBAŞLAR D., Giray S., ANIL B.  
SYNTHETIC COMMUNICATIONS, vol.44, no.9, pp.1279-1285, 2014 (SCI-Expanded)
- VI. Paal-Knorr Pyrrole Synthesis in Water  
AKBAŞLAR D., DEMİRKOL O., Giray S.  
SYNTHETIC COMMUNICATIONS, vol.44, no.9, pp.1323-1332, 2014 (SCI-Expanded)
- VII. Clean and efficient synthesis of flavanone in sub-critical water  
Sırın O. Z., DEMİRKOL O., AKBAŞLAR D., Giray E. S.  
JOURNAL OF SUPERCRITICAL FLUIDS, vol.81, pp.217-220, 2013 (SCI-Expanded)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Selenophene synthesis in the supercritical media**  
ERŞATIR M., AKBAŞLAR D., GİRAY E. S.  
IX Internasyonal COnference in Chemistry, 4 - 09 June 2017, vol.1, pp.126
- II. **Pyrazole-pyrrole hybrid compound**  
AKBAŞLAR D., ERŞATIR M., GİRAY E. S.  
IX International Conference in Chemistry, 4 - 09 June 2017, vol.1, pp.121
- III. **Synthesis of B-enaminonesB-enamino ester using various organic acid catalysts**  
AKBAŞLAR D., ERŞATIR M., DEMİRKOL O., GİRAY E. S.  
IX International Conference in Chemistry, 4 - 09 June 2017, vol.1, pp.124
- IV. **Synthesis of  $\beta$ -enaminones &  $\beta$ -enamino esters using various organic acid catalysts**  
AKBAŞLAR D., ERŞATIR M., DEMİRKOL O., VAYISOĞLU GİRAY E. S.  
IX International Conference in chemistry Kyiv-Toulouse (ICKT-9), Kiev, Ukraine, 4 - 09 June 2017, pp.124
- V. **Pyrazole-pyrrole hybrid compounds**  
AKBAŞLAR D., ERŞATIR M., VAYISOĞLU GİRAY E. S.  
IX International Conference in chemistry Kyiv-Toulouse (ICKT-9), Kiev, Ukraine, 4 - 09 June 2017, pp.121
- VI. **Etkin ve Temiz Bir Yöntemle N-Substitüe Süksinimid Türevlerinin Sentezi**  
ERŞATIR M., AKBAŞLAR D., DEMİRKOL O., Bozdoğan B., VAYISOĞLU GİRAY E. S.  
III. Ulusal Organik Kimya Kongresi, Trabzon, Turkey, 5 - 08 September 2016, pp.48
- VII. **Hidrazon Sentezine Yeni Bir Yaklaşım: Katalizör ve Çözücü Kullanmadan Çeşitli Hidrazon Bileşiklerinin Sentezi**  
DEMİRKOL O., Koca B., ERŞATIR M., AKBAŞLAR D., VAYISOĞLU GİRAY E. S.  
III. Ulusal Organik Kimya Kongresi, Trabzon, Turkey, 5 - 08 September 2016, pp.55
- VIII. **Pirol Birimi İçeren KalkonTürevlerinin Sentezi**  
AKBAŞLAR D., ERŞATIR M., VAYISOĞLU GİRAY E. S.  
III. Ulusal Organik Kimya Kongresi, Trabzon, Turkey, 5 - 08 September 2016, pp.47
- IX. **LACTIC ACID AS AN EFFICIENT SOLVENT AND CATALYST FOR ONE-POT THREE-COMPONENT SYNTHESIS OF POLYSUBSTITUTED PYRROLES**  
AKBAŞLAR D., Erşatır M., DEMİRKOL O., VAYISOĞLU GİRAY E. S.  
19th European Symposium of Organic Chemistry, Lisbon, Portugal, 12 - 16 July 2015, pp.129
- X. **ULTRASOUND ACCELERATED CHALCONE SYNTHESIS USING AMBERLYST-26**  
DEMİRKOL O., AKBAŞLAR D., ERŞATIR M., VAYISOĞLU GİRAY E. S.  
19th European Symposium of Organic Chemistry, Lisbon, Portugal, 12 - 16 July 2015, pp.363
- XI. **EFFICIENTLY SYNTHESIS OF COUMARIN-CHALCONE HYBRID COMPOUNDS**  
ERŞATIR M., AKBAŞLAR D., DEMİRKOL O., VAYISOĞLU GİRAY E. S.  
19th European Symposium of Organic Chemistry, Lisbon, Portugal, 12 - 16 July 2015, pp.95

## Supported Projects

- VAYISOĞLU GİRAY E. S., AKBAŞLAR D., Project Supported by Higher Education Institutions, Supercritical diethylether A novel solvent for the synthesis of aryl345679hexahydroxanthene18diones, 2017 - 2018
- DEMİRKOL O., ERŞATIR M., AKBAŞLAR D., Project Supported by Higher Education Institutions, Ultrasonik banyoda çeşitli asitlerin katalizörlüğünde enaminon ve enaminoester bileşiklerinin sentezi, 2017 - 2018
- VAYISOĞLU GİRAY E. S., AKBAŞLAR D., Project Supported by Higher Education Institutions, İmin sentezine yeni bir yaklaşım: Katalizör ve çözücü kullanmadan çeşitli iminlerin sentezi, 2015 - 2016

## Metrics

**Publication:** 18

**Citation (WoS):** 38

**Citation (Scopus):** 36

**H-Index (WoS):** 3

**H-Index (Scopus):** 4