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Education Information

Post Graduate, Cukurova University, Fen Edebiyat Fakültesi, Kimya, Turkey 2009 - 2011

Under Graduate, Bogazici University, Eğitim Fakültesi, 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

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

- 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, 2020 (Journal Indexed in SCI)
- 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, pp.217-223, 2017 (Journal Indexed in SCI)
- III. **Cross-aldol reaction of 3-acetyl-2H-chromen-2-one by using Amberlyst 26A as catalyst**
ERŞATIR M., AKBAŞLAR D., DEMİRKOL O., Giray E. S.
SYNTHETIC COMMUNICATIONS, vol.47, pp.68-77, 2017 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- V. **One-Pot Synthesis of Mannich Bases Under Solvent-Free Conditions**
DEMİRKOL O., AKBAŞLAR D., Giray S., ANIL B.
SYNTHETIC COMMUNICATIONS, vol.44, pp.1279-1285, 2014 (Journal Indexed in SCI)
- VI. **Paal-Knorr Pyrrole Synthesis in Water**
AKBAŞLAR D., DEMİRKOL O., Giray S.
SYNTHETIC COMMUNICATIONS, vol.44, pp.1323-1332, 2014 (Journal Indexed in SCI)
- VII. **Clean and efficient synthesis of flavanone in sub-critical water**
Sirin O. Z. , DEMİRKOL O., AKBAŞLAR D., Giray E. S.
JOURNAL OF SUPERCRITICAL FLUIDS, vol.81, pp.217-220, 2013 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **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
- II. **Synthesis of β -enaminones & β -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
- III. **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
- IV. **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
- V. **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
- VI. **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, Lizbon, Portugal, 12 - 16 July 2015, pp.129
- VII. **ULTRASOUND ACCELERATED CHALCONE SYNTHESIS USING AMBERLYST-26**
DEMİRKOL O., AKBAŞLAR D., ERŞATIR M., VAYISOĞLU GİRAY E. S.
19th European Symposium of Organic Chemistry, Lizbon, Portugal, 12 - 16 July 2015, pp.363
- VIII. **EFFICIENTLY SYNTHESIS OF COUMARIN-CHALCONE HYBRID COMPOUNDS**
ERŞATIR M., AKBAŞLAR D., DEMİRKOL O., VAYISOĞLU GİRAY E. S.
19th European Symposium of Organic Chemistry, Lizbon, 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 enamion 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

Citations

Total Citations (WOS):35

h-index (WOS):3