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Education Information

Doctorate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Chemistry, Turkey 2015 - 2022

Postgraduate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Chemistry , Turkey 2012 - 2015

Undergraduate, Middle East Technical University, Faculty of Education, Mathematics and Science Education, Turkey 2006 - 2012

Dissertations

Doctorate, THE ENANTIOSELECTIVE SYNTHESIS OF 2-INDOLYL-1-NITRO DERIVATIVES AND BODIPY DYES IN THE PRESENCE OF CHIRAL BIFUNCTIONAL SQUARAMIDE ORGANOCATALYSTS, Middle East Technical University, Graduate School of Natural and Applied Sciences, Chemistry, 2022

Postgraduate, Enantioselective michael addition of 1-nitropropane to nitroolefins with 2-aminodmap and quinine based bifunctional organocatalysts, Middle East Technical University, Graduate School of Natural and Applied Sciences, Chemistry, 2015

Research Areas

Natural Sciences

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Arts and Sciences, Department of Chemistry, 2015 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. A boron dipyrromethene chiral at boron and carbon with a bent geometry: synthesis, resolution and chiroptical properties

Işık M., DÜNDAR E., ŞAHİN E., TANYELİ C.

Chemical Communications, vol.58, no.51, pp.7188-7191, 2022 (SCI-Expanded)

II. **Enantioselective Friedel-Crafts alkylation of indole with nitroalkenes in the presence of bifunctional squaramide organocatalysts**

Dündar E., Tanyeli C.

Tetrahedron Letters, vol.73, pp.1-4, 2021 (SCI-Expanded)

III. **Enantioselective Michael Addition of Nitroalkanes to Nitroalkenes Catalyzed by Chiral Bifunctional Quinine-Based Squaramides**

KANBEROĞLU E., TANYELİ C.

ASIAN JOURNAL OF ORGANIC CHEMISTRY, vol.5, no.1, pp.114-119, 2016 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

I. **2-İndolil-1-Nitro Türevlerinin Enantiyoseçici Sentezi**

Dündar E., Tanyeli C.

29. Ulusal Kimya Kongresi, Ankara, Turkey, 10 - 14 September 2017, pp.1-3

II. **"Enantioselective Synthesis of 2-Indolyl-1-Nitro Derivatives"**

Dündar E., Tanyeli C.

252nd ACS National Meeting & Exposition: Chemistry of the people, by the people, for the people., Pennsylvania, United States Of America, 21 - 25 August 2016, pp.1-3

III. **2-AminoDMAP ve Kinin Temelli Bifonksiyonel Organokatalizörler ile 1-Nitropropanın Nitroolefinlere Enantiyoseçici Michael Katılması**

Kanberoğlu E., Tanyeli C.

3. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 20 - 22 March 2015

Metrics

Publication: 6

Citation (WoS): 36

Citation (Scopus): 36

H-Index (WoS): 3

H-Index (Scopus): 3