

Dr. Kornél Szőri

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Date of Birth: 11.05.1976

Nationality: Hungarian

EXPERIENCE

2018- RESEARCH FELLOW

Institute of Pharmacognosy, University of Szeged

Project: Antioxidants as oxidative stress activated prodrugs: antitumor potential of an overlooked chemical space

2011-2018 RESEARCH FELLOW

Department of Organic Chemistry, University of Szeged

Research group: Stereochemistry Research Group

2004-2011 ASSISTANT RESEARCH FELLOW

Department of Organic Chemistry, University of Szeged

Research group: Stereochemistry Research Group

EDUCATION

2002-2010 PhD degree in Chemistry

University of Szeged

Research area: Heterogeneous enantioselective hydrogenation of ketones in presence of cinchona alkaloids

1998-2002 Degree in Chemistry

University of Szeged

SKILLS

Enantioselective synthesis and catalysis,

HPLC, GC, GC-MS, NMR

Chemdraw, Topspin

Language skills: English, intermediate level

SELECTED PUBLICATIONS

- András, A Gurka ; Kornél, Szőri ; Milán, Szőri ; Mihály, Bartók ; Gábor, London. Application of hydroxyproline derivatives in enantioselective α -amination reactions in organic and aqueous environments: a structure-activity relationship study STRUCTURAL CHEMISTRY 28 : 2 pp. 415-421. , 7 p. (2017)
- Attila, Dékány ; Enikő, Lázár ; Bálint, Szabó ; Viktor, Havasi ; Gyula, Halasi ; András, Sápi ; Ákos, Kukovecz ; Zoltán, Kónya ; Kornél, Szőri ; Gábor, London Exploring Pd/Al₂O₃ Catalysed Redox Isomerisation of Allyl Alcohol as a Platform to Create Structural Diversity CATALYSIS LETTERS 147 : 7 pp. 1834-1843. , 10 p. (2017)
- András, A Gurka ; Kornél, Szőri ; Mihály, Bartók ; Gábor, London. Dual stereocontrol in aldol reactions catalysed by hydroxyproline derivatives in the presence of a large amount of water TETRAHEDRON-ASYMMETRY 27 : 19 pp. 936-942. , 7 p. (2016)
- Kornél, Szőri ; Balázs, Réti ; György, Szöllősi ; Klára, Hernádi ; Mihály, Bartók Comparative Study of Graphite-Oxide and Graphene-Oxide Supported Proline Organocatalysts in Asymmetric Aldol Addition TOPICS IN CATALYSIS 59 : 13-14 pp. 1227-1236. , 10 p. (2016)
- Kornél, Szőri ; Robert, Puskás ; György, Szöllősi ; Imre, Bertóti ; János, Szépvölgyi ; Mihály, Bartók. Palladium Nanoparticle-Graphene Catalysts for Asymmetric Hydrogenation CATALYSIS LETTERS 143 : 6 pp. 539-546. , 8 p. (2013)