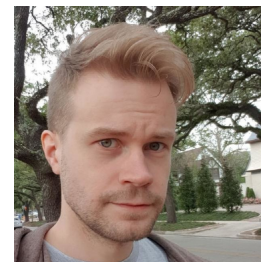


Juha Siitonen
Assistant Professor
Department of Chemistry and Materials Science
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Artistic and research interests

Experimental and theoretical organic synthesis. Emphasis on total synthesis of natural products and physical organic chemistry.

Chemistry education and didactics. Emphasis on reaction mechanistic and physical-organic thinking.

Qualifications

PhD, Synthetic Studies on 1-Azabicyclo[5.3.0]decane Alkaloids, University of Jyväskylä
Award Date: 4 Oct 2018

1 Jan 2020 → 31 Dec 2021 Lecturer in Chemistry, Rice University, USA

1 Jan 2019 → 31 Dec 2020 Wiess Teaching Postdoctoral Fellow, Rice University, USA

Employment

Assistant Professor

Assistant Professor
Department of Chemistry and Materials Science
Aalto University
1 Jan 2022 → present

Assistant Professor

Assistant Professor
ETOS group
Aalto University
1 Feb 2022 → present

Research outputs

Catalyst-free transfer hydrogenation of activated alkenes exploiting isopropanol as the sole and traceless reductant
Das, T. K., Rodriguez Treviño, A. M., Pandiri, S., Irvankoski, S., Siitonen, J. H., Rodriguez, S. M., Yousufuddin, M. & Kürti, L., 21 Jan 2023, In: Green Chemistry. 25, 2, p. 746-754

Aza-Quasi-Favorskii Reaction: Construction of Highly Substituted Aziridines through a Concerted Multibond Rearrangement Process

Kattamuri, P. V., Zhao, J., Das, T. K., Siitonen, J. H., Morgan, N., Ess, D. H. & Kürti, L., 22 Jun 2022, In: Journal of the American Chemical Society. 144, 24, p. 10943-10949 7 p.

Activities

Young Academy Finland (External organisation)

Juha Siitonen (Member)
26 Sept 2022

Total Synthesis of Racemic Polycyclic Alkaloids Isatindigotindoline C and Setigerumine I

Juha Siitonen (Speaker)
2 Sept 2022

Unconventional Organocatalysts in Synthesis

Juha Siitonen (Speaker)

8 Apr 2022

Awards

Teaching Act 2022

Siitonen, Juha (Recipient), 15 Dec 2022