Aleksandra Rudzka

Lista Publikacji

1. Rudzka, A., Reiter, T., Kroutil, W., Borowiecki P. (2025). Bienzymatic Dynamic Kinetic Resolution of Secondary Alcohols by Esterification/Racemization in Water. Angewandte Chemie International Edition, 64(8), e202420133.

2. Rudzka, A., Antos, N., Reiter, T., Kroutil, W., Borowiecki P. (2024). One-Pot Sequential Two-Step Photo-Biocatalytic Deracemization of sec-Alcohols Combining Photocatalytic Oxidation and Bioreduction. ACS Catalysis, 14(3), 1808–1823.

3. Rudzka, A., Reiter, T., Kroutil, W., Borowiecki P. (2024). ADH-Catalyzed Biooxidation of (Hetero)aromatic sec-Alcohols to Ketones Employing Vinyl Acetate as Acetaldehyde Surrogate. ChemCatChem, 16(19), e202400803.

4. Rudzka, A., Zdun, B., Antos, N., Martínez Montero, L., Reiter, T., Kroutil, W., Borowiecki P. (2023). Biocatalytic characterization of an alcohol dehydrogenase variant deduced from Lactobacillus kefir in asymmetric hydrogen transfer. Communications Chemistry, 6(1), 217.

5. Antos, N., Rudzka, A., Hoser A., Reiter, T., Kroutil, W., Borowiecki P. (2025). Synthesis of Optically Active Amines Using Blue Light and Transaminases. A Case Study Toward Mavacamten, Advanced Synthesis & Catalysis, 367(12), e202500250.