

Iustina Slabu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8302711/publications.pdf>

Version: 2024-02-01

14
papers

548
citations

933447

10
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

591
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery, Engineering, and Synthetic Application of Transaminase Biocatalysts. ACS Catalysis, 2017, 7, 8263-8284.	11.2	261
2	Biocatalytic transamination with near-stoichiometric inexpensive amine donors mediated by bifunctional mono- and di-amine transaminases. Green Chemistry, 2017, 19, 361-366.	9.0	69
3	Biocatalytic Routes to Enantiomerically Enriched Dibenz[<i>c</i> , <i>e</i>]azepines. Angewandte Chemie - International Edition, 2017, 56, 15589-15593.	13.8	62
4	Putrescine Transaminases for the Synthesis of Saturated Nitrogen Heterocycles from Polyamines. ChemCatChem, 2016, 8, 1038-1042.	3.7	35
5	Synthesis of 2,5-Disubstituted Pyrrolidine Alkaloids via A One-Pot Cascade Using Transaminase and Reductive Aminase Biocatalysts. ChemCatChem, 2018, 10, 4733-4738.	3.7	31
6	Biomimetic synthesis of 2-substituted N-heterocycle alkaloids by one-pot hydrolysis, transamination and decarboxylative Mannich reaction. Chemical Communications, 2018, 54, 11316-11319.	4.1	15
7	n-Butylamine as an alternative amine donor for the stereoselective biocatalytic transamination of ketones. Catalysis Today, 2018, 306, 96-101.	4.4	14
8	Biocatalytic Routes to Enantiomerically Enriched Dibenz[<i>c</i> , <i>e</i>]azepines. Angewandte Chemie, 2017, 129, 15795-15799.	2.0	12
9	Efficient synthesis of $\hat{\pm}$ -alkyl- $\hat{2}$ -amino amides by transaminase-mediated dynamic kinetic resolutions. Catalysis Science and Technology, 2019, 9, 4083-4090.	4.1	12
10	A stereospecific solid-phase screening assay for colonies expressing both (<i>R</i>)- and (<i>S</i>)- Tj ETQq0 0 0 rgBT /Overlock 10 Tf s Engineering Sciences, 2016, 374, 20150084.	3.4	11
11	Characterization of a Putrescine Transaminase From Pseudomonas putida and its Application to the Synthesis of Benzylamine Derivatives. Frontiers in Bioengineering and Biotechnology, 2018, 6, 205.	4.1	11
12	Process Development and Protein Engineering Enhanced Nitroreductase-Catalyzed Reduction of 2-Methyl-5-nitro-pyridine. Organic Process Research and Development, 2021, 25, 648-653.	2.7	7
13	Total synthesis of ($\hat{\pm}$)-mimosifoliol by lateral lithiation. Tetrahedron Letters, 2013, 54, 1489-1490.	1.4	3
14	Synergistic nitroreductase/vanadium catalysis enables chemoselective nitro reductions to anilines in the absence of hydrogen gas. Current Research in Chemical Biology, 2022, 2, 100026.	2.9	3