

Iustina Slabu

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

548
citations

933447

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1058476

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docs citations

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591
citing authors

#	ARTICLE	IF	CITATIONS
1	Synergistic nitroreductase/vanadium catalysis enables chemoselective nitro reductions to anilines in the absence of hydrogen gas. <i>Current Research in Chemical Biology</i> , 2022, 2, 100026.	2.9	3
2	Process Development and Protein Engineering Enhanced Nitroreductase-Catalyzed Reduction of 2-Methyl-5-nitro-pyridine. <i>Organic Process Research and Development</i> , 2021, 25, 648-653.	2.7	7
3	Efficient synthesis of $\hat{\pm}$ -alkyl- $\hat{1}^2$ -amino amides by transaminase-mediated dynamic kinetic resolutions. <i>Catalysis Science and Technology</i> , 2019, 9, 4083-4090.	4.1	12
4	n-Butylamine as an alternative amine donor for the stereoselective biocatalytic transamination of ketones. <i>Catalysis Today</i> , 2018, 306, 96-101.	4.4	14
5	Characterization of a Putrescine Transaminase From <i>Pseudomonas putida</i> and its Application to the Synthesis of Benzylamine Derivatives. <i>Frontiers in Bioengineering and Biotechnology</i> , 2018, 6, 205.	4.1	11
6	Biomimetic synthesis of 2-substituted N-heterocycle alkaloids by one-pot hydrolysis, transamination and decarboxylative Mannich reaction. <i>Chemical Communications</i> , 2018, 54, 11316-11319.	4.1	15
7	Synthesis of 2,5-Disubstituted Pyrrolidine Alkaloids <i>via</i> A One-Pot Cascade Using Transaminase and Reductive Aminase Biocatalysts. <i>ChemCatChem</i> , 2018, 10, 4733-4738.	3.7	31
8	Biocatalytic Routes to Enantiomerically Enriched Dibenz[<i>c</i> , <i>e</i>]azepines. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15589-15593.	13.8	62
9	Discovery, Engineering, and Synthetic Application of Transaminase Biocatalysts. <i>ACS Catalysis</i> , 2017, 7, 8263-8284.	11.2	261
10	Biocatalytic Routes to Enantiomerically Enriched Dibenz[<i>c</i> , <i>e</i>]azepines. <i>Angewandte Chemie</i> , 2017, 129, 15795-15799.	2.0	12
11	Biocatalytic transamination with near-stoichiometric inexpensive amine donors mediated by bifunctional mono- and di-amine transaminases. <i>Green Chemistry</i> , 2017, 19, 361-366.	9.0	69
12	Putrescine Transaminases for the Synthesis of Saturated Nitrogen Heterocycles from Polyamines. <i>ChemCatChem</i> , 2016, 8, 1038-1042.	3.7	35
13	A stereospecific solid-phase screening assay for colonies expressing both (<i>R</i>)- and (<i>S</i>)- Tj ETQq1 1 0.784314 rgBT /Overbo <i>Engineering Sciences</i> , 2016, 374, 20150084.	3.4	11
14	Total synthesis of ($\hat{\pm}$)-mimosifoliol by lateral lithiation. <i>Tetrahedron Letters</i> , 2013, 54, 1489-1490.	1.4	3