

Anibal Cuetos

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Simple and quick preparation of α -thiocyanate ketones in hydroalcoholic media. Access to 5-aryl-2-imino-1,3-oxathiolanes. <i>Green Chemistry</i> , 2009, 11, 452.	9.0	58
2	Coupling biocatalysis and click chemistry: one-pot two-step convergent synthesis of enantioenriched 1,2,3-triazole-derived diols. <i>Chemical Communications</i> , 2013, 49, 2625-2627.	4.1	51
3	Multifunctional biocatalyst for conjugate reduction and reductive amination. <i>Nature</i> , 2022, 604, 86-91.	27.8	48
4	The Broad Aryl Acid Specificity of the Amide Bond Synthetase McbA Suggests Potential for the Biocatalytic Synthesis of Amides. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 11584-11588.	13.8	47
5	Access to Enantiopure α -Alkyl β -Hydroxy Esters through Dynamic Kinetic Resolutions Employing Purified/Overexpressed Alcohol Dehydrogenases. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 1743-1749.	4.3	46
6	Catalytic Promiscuity of Transaminases: Preparation of Enantioenriched α -Fluoroamines by Formal Tandem Hydrodefluorination/Deamination. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3144-3147.	13.8	36
7	Dynamic Kinetic Resolution of α -Substituted β -Ketoesters Catalyzed by Baeyer-Villiger Monooxygenases: Access to Enantiopure α -Hydroxy Esters. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8387-8390.	13.8	35
8	α -Adenosyl Methionine Cofactor Modifications Enhance the Biocatalytic Repertoire of Small Molecule C α -Alkylation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 17583-17588.	13.8	30
9	Asymmetric Synthesis of Primary and Secondary α -Fluoro α -Arylamines using Reductive Aminases from Fungi. <i>ChemCatChem</i> , 2020, 12, 2421-2425.	3.7	27
10	Expanding dynamic kinetic protocols: transaminase-catalyzed synthesis of α -substituted β -amino ester derivatives. <i>Chemical Communications</i> , 2013, 49, 10688.	4.1	26
11	Chemo- and Stereodivergent Preparation of Terminal Epoxides and Bromohydrins through One-Pot Biocatalysed Reactions: Access to Enantiopure Five- and Six-Membered β -Heterocycles. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1657-1661.	4.3	23
12	Polyphosphazenes as Tunable and Recyclable Supports To Immobilize Alcohol Dehydrogenases and Lipases: Synthesis, Catalytic Activity, and Recycling Efficiency. <i>Biomacromolecules</i> , 2010, 11, 1291-1297.	5.4	20
13	Catalytic Promiscuity of Transaminases: Preparation of Enantioenriched α -Fluoroamines by Formal Tandem Hydrodefluorination/Deamination. <i>Angewandte Chemie</i> , 2016, 128, 3196-3199.	2.0	19
14	The Broad Aryl Acid Specificity of the Amide Bond Synthetase McbA Suggests Potential for the Biocatalytic Synthesis of Amides. <i>Angewandte Chemie</i> , 2018, 130, 11758-11762.	2.0	16
15	Immobilized redox enzymatic catalysts: Baeyer-Villiger monooxygenases supported on polyphosphazenes. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2012, 74, 178-183.	1.8	13
16	α -Adenosyl Methionine Cofactor Modifications Enhance the Biocatalytic Repertoire of Small Molecule C α -Alkylation. <i>Angewandte Chemie</i> , 2019, 131, 17747-17752.	2.0	12
17	Structural Basis for Phospholyase Activity of a Class III Transaminase Homologue. <i>ChemBioChem</i> , 2016, 17, 2308-2311.	2.6	4
18	The Reactivity of α -Fluoroketones with PLP Dependent Enzymes: Transaminases as Hydrodefluorinases. <i>ChemCatChem</i> , 2021, 13, 3967-3972.	3.7	1