

Anna Zadlo

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

687
citations

623188

14
h-index

580395

25
g-index

28
all docs

28
docs citations

28
times ranked

1162
citing authors

#	ARTICLE	IF	CITATIONS
1	TMAO: A small molecule of great expectations. <i>Nutrition</i> , 2015, 31, 1317-1323.	1.1	244
2	Synthetic connectivity, emergence, and self-regeneration in the network of prebiotic chemistry. <i>Science</i> , 2020, 369, .	6.0	79
3	Extending Designed Linear Biocatalytic Cascades for Organic Synthesis. <i>ChemCatChem</i> , 2019, 11, 225-243.	1.8	56
4	Efficient Ugi reactions in an aqueous vesicle system. <i>RSC Advances</i> , 2017, 7, 33344-33354.	1.7	27
5	Structure and Catalytic Mechanism of a Bacterial Friedelâ€“Crafts Acylase. <i>ChemBioChem</i> , 2019, 20, 88-95.	1.3	27
6	Mechanism of Biocatalytic Friedelâ€“Crafts Acylation by Acyltransferase from <i>Pseudomonas protegens</i> . <i>ACS Catalysis</i> , 2020, 10, 570-577.	5.5	24
7	Enzymatic Ugi Reaction with Amines and Cyclic Imines. <i>Chemistry - A European Journal</i> , 2016, 22, 16684-16689.	1.7	21
8	Environmentally friendly approach to α -acyloxy carboxamides via a chemoenzymatic cascade. <i>RSC Advances</i> , 2016, 6, 68231-68237.	1.7	21
9	Dynamic Kinetic Resolution of 3-Aryl-4-pentenoic Acids. <i>ACS Catalysis</i> , 2016, 6, 3287-3292.	5.5	19
10	Mixed Carbonates as Useful Substrates for a Fluorogenic Assay for Lipases and Esterases. <i>ChemBioChem</i> , 2015, 16, 677-682.	1.3	18
11	Biocatalytic Asymmetric Reduction of α -Keto Esters to Access Optically Active β -Aryl- γ -butyrolactones. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 2012-2029.	2.1	18
12	Enzymeâ€“Promoted Asymmetric Tandem Passerini Reaction. <i>ChemCatChem</i> , 2017, 9, 3047-3053.	1.8	16
13	Promiscuous activity of C-acyltransferase from <i>Pseudomonas protegens</i> : synthesis of acetanilides in aqueous buffer. <i>Chemical Communications</i> , 2018, 54, 3387-3390.	2.2	16
14	Thioesters as Acyl Donors in Biocatalytic Friedelâ€“Craftsâ€“Type Acylation Catalyzed by Acyltransferase from <i>Pseudomonas Protegens</i> . <i>ChemCatChem</i> , 2019, 11, 1064-1068.	1.8	15
15	Self-immolative versatile fluorogenic probes for screening of hydrolytic enzyme activity. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 9146-9150.	1.5	12
16	Enantioselective Reduction of Ethyl 3-oxo-5-phenylpentanoate with Wholeâ€“Cell Biocatalysts. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 1007-1011.	1.2	12
17	Evaluation of a new protocol for enzymatic dynamic kinetic resolution of 3-hydroxy-3-(aryl)propanoic acids. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 11014-11020.	1.5	11
18	Rational Engineered C-Acyltransferase Transforms Sterically Demanding Acyl Donors. <i>ACS Catalysis</i> , 2020, 10, 1094-1101.	5.5	10

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19	Enzymatic Synergism in the Synthesis of α -Keto Esters. <i>European Journal of Organic Chemistry</i> , 2015, 5432-5437.	1.2	9
20	Molecular cloning, expression, and characterization of acyltransferase from <i>Pseudomonas protegens</i> . <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 6057-6068.	1.7	8
21	The unexpected kinetic effect of enzyme mixture: The case of enzymatic esterification. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014, 102, 225-229.	1.8	6
22	The influence of the isocyanoesters structure on the course of enzymatic Ugi reactions. <i>Bioorganic Chemistry</i> , 2019, 93, 102817.	2.0	6
23	A convenient stereoselective synthesis of 5-hydroxy-3-oxoesters and 3-hydroxy-5-oxoesters. <i>Tetrahedron: Asymmetry</i> , 2017, 28, 797-802.	1.8	5
24	Evaluation of Pseudoenantiomeric Mixed Carbonates as Efficient Fluorogenic Probes for Enantioselectivity Screening. <i>ChemBioChem</i> , 2016, 17, 71-76.	1.3	4
25	Bioreactor for the Continuous Purification of Simvastatin by Lovastatin Esterase. <i>Process Biochemistry</i> , 2017, 60, 92-97.	1.8	3
26	Structure and mechanism of C-acyltransferase from <i>Pseudomonas protegens</i> . <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2018, 74, e37-e37.	0.0	0