

Anna Zadlo

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

687
citations

623188

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580395

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28
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docs citations

28
times ranked

1162
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Rational Engineered C-Acyltransferase Transforms Sterically Demanding Acyl Donors. ACS Catalysis, 2020, 10, 1094-1101. | 5.5 | 10 |
| 2 | Mechanism of Biocatalytic Friedelâ€“Crafts Acylation by Acyltransferase from <i>Pseudomonas protegens</i> . ACS Catalysis, 2020, 10, 570-577. | 5.5 | 24 |
| 3 | Synthetic connectivity, emergence, and self-regeneration in the network of prebiotic chemistry. Science, 2020, 369, . | 6.0 | 79 |
| 4 | Biocatalytic Asymmetric Reduction of β -Keto Esters to Access Optically Active β -Aryl- β -butyrolactones. Advanced Synthesis and Catalysis, 2020, 362, 2012-2029. | 2.1 | 18 |
| 5 | The influence of the isocyanoesters structure on the course of enzymatic Ugi reactions. Bioorganic Chemistry, 2019, 93, 102817. | 2.0 | 6 |
| 6 | Extending Designed Linear Biocatalytic Cascades for Organic Synthesis. ChemCatChem, 2019, 11, 225-243. | 1.8 | 56 |
| 7 | Thioesters as Acyl Donors in Biocatalytic Friedelâ€“Craftsâ€“type Acylation Catalyzed by Acyltransferase from <i>Pseudomonas Protegens</i> . ChemCatChem, 2019, 11, 1064-1068. | 1.8 | 15 |
| 8 | Structure and Catalytic Mechanism of a Bacterial Friedelâ€“Crafts Acylase. ChemBioChem, 2019, 20, 88-95. | 1.3 | 27 |
| 9 | Promiscuous activity of C-acyltransferase from <i>Pseudomonas protegens</i> : synthesis of acetanilides in aqueous buffer. Chemical Communications, 2018, 54, 3387-3390. | 2.2 | 16 |
| 10 | Molecular cloning, expression, and characterization of acyltransferase from <i>Pseudomonas protegens</i> . Applied Microbiology and Biotechnology, 2018, 102, 6057-6068. | 1.7 | 8 |
| 11 | Structure and mechanism of C-acyltransferase from <i>Pseudomonas protegens</i> . Acta Crystallographica Section A: Foundations and Advances, 2018, 74, e37-e37. | 0.0 | 0 |
| 12 | Bioreactor for the Continuous Purification of Simvastatin by Lovastatin Esterase. Process Biochemistry, 2017, 60, 92-97. | 1.8 | 3 |
| 13 | A convenient stereoselective synthesis of 5-hydroxy-3-oxoesters and 3-hydroxy-5-oxoesters. Tetrahedron: Asymmetry, 2017, 28, 797-802. | 1.8 | 5 |
| 14 | Enzymeâ€“Promoted Asymmetric Tandem Passerini Reaction. ChemCatChem, 2017, 9, 3047-3053. | 1.8 | 16 |
| 15 | Efficient Ugi reactions in an aqueous vesicle system. RSC Advances, 2017, 7, 33344-33354. | 1.7 | 27 |
| 16 | Dynamic Kinetic Resolution of 3-Aryl-4-pentenoic Acids. ACS Catalysis, 2016, 6, 3287-3292. | 5.5 | 19 |
| 17 | Self-immolative versatile fluorogenic probes for screening of hydrolytic enzyme activity. Organic and Biomolecular Chemistry, 2016, 14, 9146-9150. | 1.5 | 12 |
| 18 | Enzymatic Ugi Reaction with Amines and Cyclic Imines. Chemistry - A European Journal, 2016, 22, 16684-16689. | 1.7 | 21 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Evaluation of Pseudoenantiomeric Mixed Carbonates as Efficient Fluorogenic Probes for Enantioselectivity Screening. <i>ChemBioChem</i> , 2016, 17, 71-76. | 1.3 | 4 |
| 20 | Environmentally friendly approach to $\hat{\pm}$ -acyloxy carboxamides via a chemoenzymatic cascade. <i>RSC Advances</i> , 2016, 6, 68231-68237. | 1.7 | 21 |
| 21 | Enantioselective Reduction of Ethyl 3-oxo-5-phenylpentanoate with Whole-Cell Biocatalysts. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 1007-1011. | 1.2 | 12 |
| 22 | Enzymatic Synergism in the Synthesis of $\hat{\pm}$ -Keto Esters. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 5432-5437. | 1.2 | 9 |
| 23 | Mixed Carbonates as Useful Substrates for a Fluorogenic Assay for Lipases and Esterases. <i>ChemBioChem</i> , 2015, 16, 677-682. | 1.3 | 18 |
| 24 | TMAO: A small molecule of great expectations. <i>Nutrition</i> , 2015, 31, 1317-1323. | 1.1 | 244 |
| 25 | 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 |
| 26 | 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 |