

# Anna Brodzka

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

274  
citations

1040056

9  
h-index

940533

16  
g-index

23  
all docs

23  
docs citations

23  
times ranked

341  
citing authors

#	ARTICLE	IF	CITATIONS
1	Wheat germ lipase: isolation, purification and applications. <i>Critical Reviews in Biotechnology</i> , 2022, 42, 184-200.	9.0	17
2	The Evaluation of DHPMs as Biotoxic Agents on Pathogen Bacterial Membranes. <i>Membranes</i> , 2022, 12, 238.	3.0	8
3	Screening for amidoxime reductases in plant roots and <i>Saccharomyces cerevisiae</i> – Development of biocatalytic method for chemoselective amidine synthesis. <i>Bioorganic Chemistry</i> , 2022, 124, 105815.	4.1	0
4	Intensification of Double Kinetic Resolution of Chiral Amines and Alcohols via Chemoselective Formation of a Carbonate – Enzyme Intermediate. <i>Molecules</i> , 2022, 27, 4346.	3.8	1
5	Evaluation of gem-Diacetates as Alternative Reagents for Enzymatic Regio- and Stereoselective Acylation of Alcohols. <i>Journal of Organic Chemistry</i> , 2021, 86, 6331-6342.	3.2	4
6	Model Studies on the Enzyme-Regulated Stereodivergent Cascade Passerini Reaction. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 4161-4165.	2.4	3
7	Selective Esterification of Phosphonic Acids. <i>Molecules</i> , 2021, 26, 5637.	3.8	6
8	Dual Activity of Grubbs-Type Catalyst in the Transvinylolation of Carboxylic Acids and Ring-Closing Metathesis Reactions. <i>Journal of Organic Chemistry</i> , 2020, 85, 15305-15313.	3.2	5
9	The amine as carbonyl precursor in the chemoenzymatic synthesis of Passerini adducts in aqueous medium. <i>Catalysis Communications</i> , 2020, 145, 106118.	3.3	6
10	Evaluation of Biodegradable Glucose Based Surfactants as a Promoting Medium for the Synthesis of Peptidomimetics with the Coumarin Scaffold. <i>ChemistrySelect</i> , 2020, 5, 9607-9614.	1.5	2
11	Synthesis of (E)- $\beta,\beta$ -unsaturated carboxylic esters derivatives from cyanoacetic acid via promiscuous enzyme-promoted cascade esterification/Knoevenagel reaction. <i>Bioorganic Chemistry</i> , 2019, 93, 102816.	4.1	8
12	Synthesis of Enantiomerically Pure 5,6-Dihydropyran-2-ones via Chemoenzymatic Sequential DKR-RCM Reaction. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 1653-1658.	2.4	12
13	The mechanistic promiscuity of the enzymatic esterification of chiral carboxylic acids. <i>Catalysis Communications</i> , 2018, 106, 82-86.	3.3	17
14	Multicomponent Reactions Accelerated by Aqueous Micelles. <i>Frontiers in Chemistry</i> , 2018, 6, 502.	3.6	80
15	Facile Conversion of $\beta$ -Acyloxy Amides into $\beta$ -Hydroxy-lactams. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 3280-3290.	2.4	7
16	Studies on the Synthesis of Endocyclic Enol Lactones via a RCM of Selected Vinyl Esters. <i>Journal of Organic Chemistry</i> , 2018, 83, 8655-8661.	3.2	14
17	Enzyme mediated kinetic resolution of $\beta$ -hydroxy- $\beta,\beta$ -unsaturated esters as a route to optically active $\beta$ -lactones. <i>Tetrahedron: Asymmetry</i> , 2017, 28, 809-818.	1.8	13
18	Enzymatic Tandem Approach to Knoevenagel Condensation of Acetaldehyde with Acidic Methylene Compounds in Organic Media. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 4572-4579.	2.4	18

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19	Dynamic Kinetic Resolution of 3-Aryl-4-pentenoic Acids. ACS Catalysis, 2016, 6, 3287-3292.	11.2	19
20	Enzymatic Synergism in the Synthesis of $\alpha$ -Keto Esters. European Journal of Organic Chemistry, 2015, 2015, 5432-5437.	2.4	9
21	The unexpected kinetic effect of enzyme mixture: The case of enzymatic esterification. Journal of Molecular Catalysis B: Enzymatic, 2014, 102, 225-229.	1.8	6
22	Studies on the chemoenzymatic synthesis of 3-phenyl-GABA and 4-phenyl-pyrrolid-2-one: the influence of donor of the alkoxy group on enantioselective esterification. Tetrahedron: Asymmetry, 2013, 24, 427-433.	1.8	14
23	Selective Palladium-Catalyzed $\alpha,\beta$ -Homodiarylation of Vinyl Esters in Aqueous Medium. European Journal of Organic Chemistry, 0, , .	2.4	5