

# Maria Svedendahl Humble

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8316568/publications.pdf>

Version: 2024-02-01

17  
papers

1,018  
citations

686830

13  
h-index

794141

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1145  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transesterification of a Tertiary Alcohol by Engineered <i>Candida antarctica</i> Lipase...A. ChemBioChem, 2019, 20, 1438-1443.	1.3	13
2	B-factor Guided Proline Substitutions in Chromobacterium violaceum Amine Transaminase: Evaluation of the Proline Rule as a Method for Enzyme Stabilization. ChemBioChem, 2019, 20, 1297-1304.	1.3	22
3	The effect of phosphate group binding cup coordination on the stability of the amine transaminase from Chromobacterium violaceum. Molecular Catalysis, 2018, 446, 115-123.	1.0	18
4	YASARA: A Tool to Obtain Structural Guidance in Biocatalytic Investigations. Methods in Molecular Biology, 2018, 1685, 43-67.	0.4	306
5	Improved Enantioselectivity of Subtilisin Carlsberg towards Secondary Alcohols by Protein Engineering. ChemBioChem, 2018, 19, 338-346.	1.3	5
6	Characterization of the stability of Vibrio fluvialis JS17 amine transaminase. Journal of Biotechnology, 2018, 282, 10-17.	1.9	16
7	Streamlined Preparation of Immobilized <i>Candida antarctica</i> Lipase B. ACS Omega, 2017, 2, 8674-8677.	1.6	13
8	Municipal Solid Waste as Carbon and Energy Source for Escherichia coli. Advances in Recycling & Waste Management, 2016, 01, .	0.4	3
9	Stabilization of an amine transaminase for biocatalysis. Journal of Molecular Catalysis B: Enzymatic, 2016, 124, 20-28.	1.8	38
10	Combinatorial Library Based Engineering of <i>Candida antarctica</i> Lipase...A for Enantioselective Transacylation of $\alpha$ -Alcohols in Organic Solvent. Angewandte Chemie - International Edition, 2015, 54, 4284-4288.	7.2	40
11	Connecting Unexplored Protein Crystal Structures to Enzymatic Function. ChemCatChem, 2013, 5, 150-153.	1.8	67
12	Revealing the Structural Basis of Promiscuous Amine Transaminase Activity. ChemCatChem, 2013, 5, 154-157.	1.8	80
13	Chromobacterium violaceum $\alpha$ -transaminase variant Trp60Cys shows increased specificity for (S)-1-phenylethylamine and 4-substituted acetophenones, and follows Swain-Lupton parameterisation. Organic and Biomolecular Chemistry, 2012, 10, 5466.	1.5	45
14	Key Amino Acid Residues for Reversed or Improved Enantiospecificity of an $\alpha$ -Transaminase. ChemCatChem, 2012, 4, 1167-1172.	1.8	45
15	Active Site Quantification of an $\alpha$ -Transaminase by Performing a Half Transamination Reaction. ACS Catalysis, 2011, 1, 1051-1055.	5.5	50
16	Biocatalytic Promiscuity. European Journal of Organic Chemistry, 2011, 2011, 3391-3401.	1.2	205
17	Racemase Activity of <i>B. cepacia</i> Lipase Leads to Dual-Function Asymmetric Dynamic Kinetic Resolution of $\alpha$ -Aminonitriles. Angewandte Chemie - International Edition, 2011, 50, 6592-6595.	7.2	37