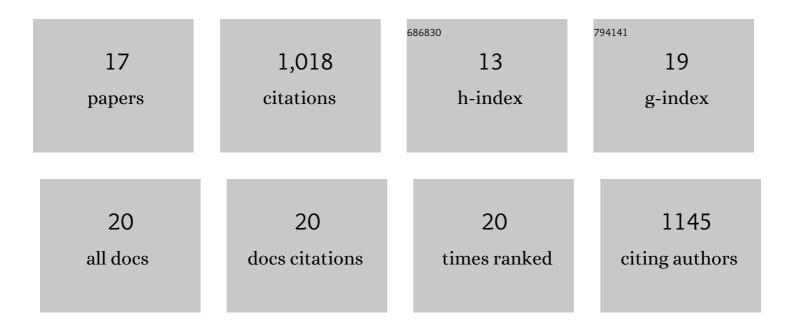
## Maria Svedendahl Humble

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8316568/publications.pdf Version: 2024-02-01



#	ARTICLE	IF	CITATIONS
1	YASARA: A Tool to Obtain Structural Guidance in Biocatalytic Investigations. Methods in Molecular Biology, 2018, 1685, 43-67.	0.4	306
2	Biocatalytic Promiscuity. European Journal of Organic Chemistry, 2011, 2011, 3391-3401.	1.2	205
3	Revealing the Structural Basis of Promiscuous Amine Transaminase Activity. ChemCatChem, 2013, 5, 154-157.	1.8	80
4	Connecting Unexplored Protein Crystal Structures to Enzymatic Function. ChemCatChem, 2013, 5, 150-153.	1.8	67
5	Active Site Quantification of an ï‰-Transaminase by Performing a Half Transamination Reaction. ACS Catalysis, 2011, 1, 1051-1055.	5.5	50
6	Chromobacterium violaceum ω-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
7	Key Amino Acid Residues for Reversed or Improved Enantiospecificity of an ωâ€Transaminase. ChemCatChem, 2012, 4, 1167-1172.	1.8	45
8	Combinatorial Library Based Engineering of <i>Candida antarctica</i> Lipaseâ€A for Enantioselective Transacylation of <i>sec</i> â€Alcohols in Organic Solvent. Angewandte Chemie - International Edition, 2015, 54, 4284-4288.	7.2	40
9	Stabilization of an amine transaminase for biocatalysis. Journal of Molecular Catalysis B: Enzymatic, 2016, 124, 20-28.	1.8	38
10	Racemase Activity of <i>B. cepacia</i> Lipase Leads to Dualâ€Function Asymmetric Dynamic Kinetic Resolution of αâ€Aminonitriles. Angewandte Chemie - International Edition, 2011, 50, 6592-6595.	7.2	37
11	B â€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
12	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
13	Characterization of the stability of Vibrio fluvialis JS17 amine transaminase. Journal of Biotechnology, 2018, 282, 10-17.	1.9	16
14	Streamlined Preparation of Immobilized <i>Candida antarctica</i> Lipase B. ACS Omega, 2017, 2, 8674-8677.	1.6	13
15	Transesterification of a Tertiary Alcohol by Engineered <i>Candida antarctica</i> Lipaseâ€A. ChemBioChem, 2019, 20, 1438-1443.	1.3	13
16	Improved Enantioselectivity of Subtilisin Carlsberg towards Secondary Alcohols by Protein Engineering. ChemBioChem, 2018, 19, 338-346.	1.3	5
17	Municipal Solid Waste as Carbon and Energy Source for Escherichia coli. Advances in Recycling & Waste Management, 2016, 01, .	0.4	3