Ana Toplak

List of Publications by Year
in descending order

13	500	840776 11	1125743 13
papers	citations	h-index	g-index

14	14	14	477
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enzyme-mediated ligation technologies for peptides and proteins. Current Opinion in Chemical Biology, 2017, 38, 1-7.	6.1	97
2	Peptiligase, an Enzyme for Efficient Chemoenzymatic Peptide Synthesis and Cyclization in Water. Advanced Synthesis and Catalysis, 2016, 358, 2140-2147.	4.3	62
3	Omniligaseâ€1: A Powerful Tool for Peptide Headâ€toâ€Tail Cyclization. Advanced Synthesis and Catalysis, 2017, 359, 2050-2055.	4.3	62
4	Natural Occurring and Engineered Enzymes for Peptide Ligation and Cyclization. Frontiers in Chemistry, 2019, 7, 829.	3.6	50
5	Enzyme-catalyzed peptide cyclization. Drug Discovery Today: Technologies, 2017, 26, 11-16.	4.0	41
6	Sustainable, cost-efficient manufacturing of therapeutic peptides using chemo-enzymatic peptide synthesis (CEPS). Green Chemistry, 2019, 21, 6451-6467.	9.0	39
7	Engineering a Diverse Ligase Toolbox for Peptide Segment Condensation. Advanced Synthesis and Catalysis, 2016, 358, 4041-4048.	4.3	34
8	Proteolysin, a Novel Highly Thermostable and Cosolvent-Compatible Protease from the Thermophilic Bacterium Coprothermobacter proteolyticus. Applied and Environmental Microbiology, 2013, 79, 5625-5632.	3.1	31
9	Design of a substrate-tailored peptiligase variant for the efficient synthesis of thymosin-Î±₁. Organic and Biomolecular Chemistry, 2018, 16, 609-618.	2.8	25
10	Efficient Enzymatic Cyclization of Disulfideâ€Rich Peptides by Using Peptide Ligases. ChemBioChem, 2019, 20, 1524-1529.	2.6	22
11	Peptide synthesis in neat organic solvents with novel thermostable proteases. Enzyme and Microbial Technology, 2015, 73-74, 20-28.	3.2	18
12	From thiol-subtilisin to omniligase: Design and structure of a broadly applicable peptide ligase. Computational and Structural Biotechnology Journal, 2021, 19, 1277-1287.	4.1	11
13	Oneâ€Step Câ€Terminal Deprotection and Activation of Peptides with Peptide Amidase from Stenotrophomonas maltophilia in Neat Organic Solvent. Advanced Synthesis and Catalysis, 2014, 356, 2197-2202.	4.3	7