Godwin A Aleku

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7645420/publications.pdf

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20	1,091	759233	794594
papers	citations	12 h-index	19 g-index

20	20	20	929
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A reductive aminase from Aspergillus oryzae. Nature Chemistry, 2017, 9, 961-969.	13.6	290
2	Imine reductases (IREDs). Current Opinion in Chemical Biology, 2017, 37, 19-25.	6.1	202
3	Stereoselectivity and Structural Characterization of an Imine Reductase (IRED) from Amycolatopsis orientalis. ACS Catalysis, 2016, 6, 3880-3889.	11.2	96
4	Direct Alkylation of Amines with Primary and Secondary Alcohols through Biocatalytic Hydrogen Borrowing. Angewandte Chemie - International Edition, 2017, 56, 10491-10494.	13.8	90
5	A Mechanism for Reductive Amination Catalyzed by Fungal Reductive Aminases. ACS Catalysis, 2018, 8, 11534-11541.	11.2	78
6	Biocatalytic Routes to Enantiomerically Enriched Dibenz[c,e]azepines. Angewandte Chemie - International Edition, 2017, 56, 15589-15593.	13.8	62
7	Kinetic Resolution and Deracemization of Racemic Amines Using a Reductive Aminase. ChemCatChem, 2018, 10, 515-519.	3.7	42
8	Terminal Alkenes from Acrylic Acid Derivatives via Nonâ€Oxidative Enzymatic Decarboxylation by Ferulic Acid Decarboxylases. ChemCatChem, 2018, 10, 3736-3745.	3.7	36
9	Synthetic Enzymeâ€Catalyzed CO₂ Fixation Reactions. ChemSusChem, 2021, 14, 1781-1804.	6.8	36
10	Carboxylic acid reductase: Structure and mechanism. Journal of Biotechnology, 2020, 307, 107-113.	3.8	33
11	Enzymatic Câ€“H activation of aromatic compounds through CO2 fixation. Nature Chemical Biology, 2020, 16, 1255-1260.	8.0	29
12	Direct Alkylation of Amines with Primary and Secondary Alcohols through Biocatalytic Hydrogen Borrowing. Angewandte Chemie, 2017, 129, 10627-10630.	2.0	27
13	Biocatalytic reduction of Î±,Î²-unsaturated carboxylic acids to allylic alcohols. Green Chemistry, 2020, 22, 3927-3939.	9.0	14
14	Biocatalytic Routes to Enantiomerically Enriched Dibenz[c,e]azepines. Angewandte Chemie, 2017, 129, 15795-15799.	2.0	12
15	Biocatalytic Potential of Enzymes Involved in the Biosynthesis of Isoprenoid Quinones. ChemCatChem, 2018, 10, 124-135.	3.7	11
16	Antimicrobial activity of stigmasterol from the stem bark of <i>Neocarya macrophylla</i>. Journal of Medicinal Plants for Economic Development, 2018, 2, .	0.4	10
17	Enzymatic N-Allylation of Primary and Secondary Amines Using Renewable Cinnamic Acids Enabled by Bacterial Reductive Aminases. ACS Sustainable Chemistry and Engineering, 2022, 10, 6794-6806.	6.7	9
18	Heterologous production, reconstitution and EPR spectroscopic analysis of prFMN dependent enzymes. Methods in Enzymology, 2019, 620, 489-508.	1.0	8

#	Article	IF	Citations
19	Ultrahigh-throughput screening in microfluidic droplets: a faster route to new enzymes. Trends in Biochemical Sciences, 2021, , .	7.5	6
20	Prospects and challenges of developing plantâ€derived snake antivenin natural products: a focus on West Africa. ChemMedChem, 2021, , .	3.2	0