

Daniela Quaglia

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

480
citations

759233

12
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

633
citing authors

#	ARTICLE	IF	CITATIONS
1	Structures of carboxylic acid reductase reveal domain dynamics underlying catalysis. <i>Nature Chemical Biology</i> , 2017, 13, 975-981.	8.0	118
2	Adenylation Activity of Carboxylic Acid Reductases Enables the Synthesis of Amides. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14498-14501.	13.8	74
3	Novel symmetrically p-benzyl-substituted 4,5-diaryl-imidazole N-heterocyclic carbene-silver(I) acetate complexes " Synthesis and biological evaluation. <i>Journal of Organometallic Chemistry</i> , 2012, 717, 123-134.	1.8	51
4	Synthesis and biological evaluation of N-heterocyclic carbene-silver(I) acetate complexes derived from 4,5-ditolyl-imidazole. <i>Inorganica Chimica Acta</i> , 2013, 395, 135-144.	2.4	47
5	His-tagged Horse Liver Alcohol Dehydrogenase: Immobilization and application in the bio-based enantioselective synthesis of (S)-arylpropanols. <i>Process Biochemistry</i> , 2013, 48, 810-818.	3.7	36
6	Horse Liver Alcohol Dehydrogenase: New Perspectives for an Old Enzyme. <i>Molecular Biotechnology</i> , 2012, 52, 244-250.	2.4	25
7	Adenylation Activity of Carboxylic Acid Reductases Enables the Synthesis of Amides. <i>Angewandte Chemie</i> , 2017, 129, 14690-14693.	2.0	25
8	Engineered, highly reactive substrates of microbial transglutaminase enable protein labeling within various secondary structure elements. <i>Protein Science</i> , 2017, 26, 2268-2279.	7.6	20
9	Methods for enzyme library creation: Which one will you choose?. <i>BioEssays</i> , 2021, 43, e2100052.	2.5	18
10	Enzyme engineering: A synthetic biology approach for more effective library generation and automated high-throughput screening. <i>PLoS ONE</i> , 2017, 12, e0171741.	2.5	17
11	Novel Nonsymmetrically p-Benzyl-Substituted (Benz)imidazole N-Heterocyclic Carbene-Silver(I) Acetate Complexes: Synthesis and Biological Evaluation. <i>International Journal of Inorganic Chemistry</i> , 2012, 2012, 1-13.	0.6	14
12	Holistic engineering of Cal-A lipase chain-length selectivity identifies triglyceride binding hot-spot. <i>PLoS ONE</i> , 2019, 14, e0210100.	2.5	14
13	Indigo Formation and Rapid NADPH Consumption Provide Robust Prediction of Raspberry Ketone Synthesis by Engineered Cytochrome P450 BM3. <i>ChemCatChem</i> , 2020, 12, 837-845.	3.7	14
14	Fluorescent single-stranded DNA-binding protein from <i>Plasmodium falciparum</i> as a biosensor for single-stranded DNA. <i>PLoS ONE</i> , 2018, 13, e0193272.	2.5	7