

Silja Mordhorst

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

602
citations

840776

11
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

460
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic Alkylation Using a Cyclic <i>S</i> -Adenosylmethionine Regeneration System. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4037-4041.	13.8	124
2	Round, round we go – strategies for enzymatic cofactor regeneration. <i>Natural Product Reports</i> , 2020, 37, 1316-1333.	10.3	115
3	Substrate recognition and mechanism revealed by ligand-bound polyphosphate kinase 2 structures. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 3350-3355.	7.1	52
4	Asymmetric <i>C</i> -Alkylation by the <i>S</i> -Adenosylmethionine-Dependent Methyltransferase SgvM. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4033-4036.	13.8	46
5	Catalytic Alkylation Using a Cyclic <i>S</i> -Adenosylmethionine Regeneration System. <i>Angewandte Chemie</i> , 2017, 129, 4095-4099.	2.0	42
6	Several Polyphosphate Kinase...2 Enzymes Catalyse the Production of Adenosine 5'-Polyphosphates. <i>ChemBioChem</i> , 2019, 20, 1019-1022.	2.6	39
7	Regio-complementary <i>O</i> -Methylation of Catechols by Using Three-Enzyme Cascades. <i>ChemBioChem</i> , 2015, 16, 2576-2579.	2.6	37
8	Functional and structural characterisation of a bacterial <i>O</i> -methyltransferase and factors determining regioselectivity. <i>FEBS Letters</i> , 2017, 591, 312-321.	2.8	34
9	A Flexible Polyphosphate-Driven Regeneration System for Coenzyme...A Dependent Catalysis. <i>ChemCatChem</i> , 2017, 9, 4164-4168.	3.7	32
10	Asymmetric <i>C</i> -Alkylation by the <i>S</i> -Adenosylmethionine-Dependent Methyltransferase SgvM. <i>Angewandte Chemie</i> , 2017, 129, 4091-4094.	2.0	29
11	A bicyclic <i>S</i> -adenosylmethionine regeneration system applicable with different nucleosides or nucleotides as cofactor building blocks. <i>RSC Chemical Biology</i> , 2021, 2, 883-891.	4.1	24
12	Posttranslationally Acting Arginases Provide a Ribosomal Route to Non-proteinogenic Ornithine Residues in Diverse Peptide Sequences. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21442-21447.	13.8	12
13	Cinnamic acid derivatives as inhibitors for chorismatases and isochorismatases. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 1477-1481.	2.2	9
14	Chorismatases – the family is growing. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2092-2098.	2.8	6
15	Posttranslationally Acting Arginases Provide a Ribosomal Route to Non-proteinogenic Ornithine Residues in Diverse Peptide Sequences. <i>Angewandte Chemie</i> , 2020, 132, 21626-21631.	2.0	1