

Jennifer N Andexer

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Cobalamin-Dependent Radical SAM Enzyme Catalyzes the Unique C [±] -Methylation of Glutamine in Methyl-Coenzyme-M Reductase. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	8
2	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
3	A Multi-Enzyme Cascade Reaction for the Production of 2 ³ -cGAMP. <i>Biomolecules</i> , 2021, 11, 590.	4.0	18
4	Multienzyme One-Pot Cascades Incorporating Methyltransferases for the Strategic Diversification of Tetrahydroisoquinoline Alkaloids. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18673-18679.	13.8	23
5	Multienzyme One-Pot Cascades Incorporating Methyltransferases for the Strategic Diversification of Tetrahydroisoquinoline Alkaloids. <i>Angewandte Chemie</i> , 2021, 133, 18821-18827.	2.0	7
6	Chorismate- and isochorismate converting enzymes: versatile catalysts acting on an important metabolic node. <i>Chemical Communications</i> , 2021, 57, 2441-2463.	4.1	19
7	Co-factor demand and regeneration in the enzymatic one-step reduction of carboxylates to aldehydes in cell-free systems. <i>Journal of Biotechnology</i> , 2020, 307, 202-207.	3.8	18
8	Challenging nature's preference for methylation. <i>Nature Chemistry</i> , 2020, 12, 791-792.	13.6	6
9	Channeling C1 Metabolism toward <i>S</i> -Adenosylmethionine-Dependent Conversion of Estrogens to Androgens in Estrogen-Degrading Bacteria. <i>MBio</i> , 2020, 11, .	4.1	8
10	Single step syntheses of (1 <i>S</i>)-aryl-tetrahydroisoquinolines by norcochlorine synthases. <i>Communications Chemistry</i> , 2020, 3, .	4.5	10
11	Round, round we go – strategies for enzymatic cofactor regeneration. <i>Natural Product Reports</i> , 2020, 37, 1316-1333.	10.3	115
12	Chorismatases – the family is growing. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2092-2098.	2.8	6
13	Several Polyphosphate Kinase...2 Enzymes Catalyse the Production of Adenosine 5 ² -Polyphosphates. <i>ChemBioChem</i> , 2019, 20, 1019-1022.	2.6	39
14	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
15	Asymmetric C-alkylation by the <i>S</i> -Adenosylmethionine-Dependent Methyltransferase SgvM. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4033-4036.	13.8	46
16	Asymmetric C-alkylation by the <i>S</i> -Adenosylmethionine-Dependent Methyltransferase SgvM. <i>Angewandte Chemie</i> , 2017, 129, 4091-4094.	2.0	29
17	Catalytic Alkylation Using a Cyclic <i>S</i> -Adenosylmethionine Regeneration System. <i>Angewandte Chemie</i> , 2017, 129, 4095-4099.	2.0	42
18	Catalytic Alkylation Using a Cyclic <i>S</i> -Adenosylmethionine Regeneration System. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4037-4041.	13.8	124

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19	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
20	A Flexible Polyphosphate-Driven Regeneration System for Coenzyme-A Dependent Catalysis. <i>ChemCatChem</i> , 2017, 9, 4164-4168.	3.7	32
21	Regio-complementary <i>O</i> -Methylation of Catechols by Using Three-Enzyme Cascades. <i>ChemBioChem</i> , 2015, 16, 2576-2579.	2.6	37
22	Emerging Enzymes for ATP Regeneration in Biocatalytic Processes. <i>ChemBioChem</i> , 2015, 16, 380-386.	2.6	149
23	Chorismatase Mechanisms Reveal Fundamentally Different Types of Reaction in a Single Conserved Protein Fold. <i>Journal of the American Chemical Society</i> , 2015, 137, 11032-11037.	13.7	11
24	Mechanistic Implications for the Chorismatase FkbO Based on the Crystal Structure. <i>Journal of Molecular Biology</i> , 2014, 426, 105-115.	4.2	15
25	In vitro production and purification of isochorismate using a two-enzyme cascade. <i>Journal of Biotechnology</i> , 2014, 191, 93-98.	3.8	8
26	Cinnamic acid derivatives as inhibitors for chorismatases and isochorismatases. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 1477-1481.	2.2	9
27	Biosynthesis of the immunosuppressants FK506, FK520, and rapamycin involves a previously undescribed family of enzymes acting on chorismate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 4776-4781.	7.1	99
28	A Cobalamin-Dependent Radical SAM Enzyme Catalyzes the Unique <i>C</i> -Methylation of Glutamine in Methyl-Coenzyme M Reductase. <i>Angewandte Chemie</i> , 0, , .	2.0	0