Stella Impano

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6344258/publications.pdf

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12	268	1040056 9	1281871 11
papers	citations	h-index	g-index

13	13	13	209
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	[FeFe]â€Hydrogenase: Defined Lysateâ€Free Maturation Reveals a Key Role for Lipoylâ€Hâ€Protein in DTMA Ligand Biosynthesis. Angewandte Chemie - International Edition, 2022, 61, .	13.8	13
2	[FeFe]â€Hydrogenase: Defined Lysateâ€Free Maturation Reveals a Key Role for Lipoylâ€Hâ€Protein in DTMA Ligand Biosynthesis. Angewandte Chemie, 2022, 134, .	2.0	5
3	Titelbild: [FeFe]â€Hydrogenase: Defined Lysateâ€Free Maturation Reveals a Key Role for Lipoylâ€Hâ€Protein in DTMA Ligand Biosynthesis (Angew. Chem. 22/2022). Angewandte Chemie, 2022, 134, .	2.0	0
4	Sâ€Adenosylâ€<scp>l</scp>â€ethionine is a Catalytically Competent Analog of Sâ€Adenosylâ€<scp>l</scp>â€methionine (SAM) in the Radical SAM Enzyme HydG. Angewandte Chemie - International Edition, 2021, 60, 4666-4672.	13.8	19
5	Sâ€Adenosylâ€<scp>l</scp>â€ethionine is a Catalytically Competent Analog of Sâ€Adenosylâ€<scp>l</scp>â€methionine (SAM) in the Radical SAM Enzyme HydG. Angewandte Chemie, 2021, 133, 4716-4722.	2.0	3
6	HydG, the â€œdanglerâ€•iron, and catalytic production of free CO and CN^{â^'}: implications for [FeFe]-hydrogenase maturation. Dalton Transactions, 2021, 50, 10405-10422.	3.3	11
7	Active-Site Controlled, Jahnâ€“Teller Enabled Regioselectivity in Reductive Sâ€“C Bond Cleavage of S-Adenosylmethionine in Radical SAM Enzymes. Journal of the American Chemical Society, 2021, 143, 335-348.	13.7	15
8	Radical SAM Enzyme Spore Photoproduct Lyase: Properties of the Î© Organometallic Intermediate and Identification of Stable Protein Radicals Formed during Substrate-Free Turnover. Journal of the American Chemical Society, 2020, 142, 18652-18660.	13.7	10
9	The Elusive 5â€²-Deoxyadenosyl Radical: Captured and Characterized by Electron Paramagnetic Resonance and Electron Nuclear Double Resonance Spectroscopies. Journal of the American Chemical Society, 2019, 141, 12139-12146.	13.7	68
10	Photoinduced Electron Transfer in a Radical SAM Enzyme Generates an S-Adenosylmethionine Derived Methyl Radical. Journal of the American Chemical Society, 2019, 141, 16117-16124.	13.7	31
11	Paradigm Shift for Radical S-Adenosyl-<scp>l</scp>-methionine Reactions: The Organometallic Intermediate Î© Is Central to Catalysis. Journal of the American Chemical Society, 2018, 140, 8634-8638.	13.7	76
12	Mechanistic Studies of Radical SAM Enzymes: Pyruvate Formate-Lyase Activating Enzyme and Lysine 2,3-Aminomutase Case Studies. Methods in Enzymology, 2018, 606, 269-318.	1.0	17