Christina Spry

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6298695/publications.pdf

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20 papers	651 citations	840776 11 h-index	794594 19 g-index
27 all docs	27 docs citations	27 times ranked	683 citing authors

#	Article	IF	Citations
1	Coenzyme A biosynthesis: an antimicrobial drug target. FEMS Microbiology Reviews, 2008, 32, 56-106.	8.6	237
2	Pantothenamides Are Potent, On-Target Inhibitors of Plasmodium falciparum Growth When Serum Pantetheinase Is Inactivated. PLoS ONE, 2013, 8, e54974.	2.5	80
3	A Class of Pantothenic Acid Analogs Inhibits Plasmodium falciparum Pantothenate Kinase and Represses the Proliferation of Malaria Parasites. Antimicrobial Agents and Chemotherapy, 2005, 49, 4649-4657.	3.2	57
4	Structural Modification of Pantothenamides Counteracts Degradation by Pantetheinase and Improves Antiplasmodial Activity. ACS Medicinal Chemistry Letters, 2013, 4, 784-789.	2.8	48
5	Antiplasmodial Mode of Action of Pantothenamides: Pantothenate Kinase Serves as a Metabolic Activator Not as a Target. ACS Infectious Diseases, 2017, 3, 527-541.	3.8	29
6	The Human Malaria Parasite Plasmodium falciparum Is Not Dependent on Host Coenzyme A Biosynthesis. Journal of Biological Chemistry, 2009, 284, 24904-24913.	3.4	28
7	Mutations in the pantothenate kinase of Plasmodium falciparum confer diverse sensitivity profiles to antiplasmodial pantothenate analogues. PLoS Pathogens, 2018, 14, e1006918.	4.7	24
8	Exploiting the coenzyme A biosynthesis pathway for the identification of new antimalarial agents: the case for pantothenamides. Biochemical Society Transactions, 2014, 42, 1087-1093.	3.4	20
9	Feedback Inhibition of Pantothenate Kinase Regulates Pantothenol Uptake by the Malaria Parasite. Journal of Biological Chemistry, 2007, 282, 25395-25405.	3.4	19
10	A miniaturized assay for measuring small molecule phosphorylation in the presence of complex matrices. Analytical Biochemistry, 2014, 451, 76-78.	2.4	16
11	Structure-activity analysis of CJ-15,801 analogues that interact with Plasmodium falciparum pantothenate kinase and inhibit parasite proliferation. European Journal of Medicinal Chemistry, 2018, 143, 1139-1147.	5.5	16
12	Toward a Stable and Potent Coenzyme A-Targeting Antiplasmodial Agent: Structureâ€“Activity Relationship Studies of N-Phenethyl-Î±-methyl-pantothenamide. ACS Infectious Diseases, 2020, 6, 1844-1854.	3.8	15
13	Structureâ€“Activity Relationships of Antiplasmodial Pantothenamide Analogues Reveal a New Way by Which Triazoles Mimic Amide Bonds. ChemMedChem, 2018, 13, 2677-2683.	3.2	12
14	Exploring Heteroaromatic Rings as a Replacement for the Labile Amide of Antiplasmodial Pantothenamides. Journal of Medicinal Chemistry, 2021, 64, 4478-4497.	6.4	8
15	A novel heteromeric pantothenate kinase complex in apicomplexan parasites. PLoS Pathogens, 2021, 17, e1009797.	4.7	8
16	Inhibiting Mycobacterium tuberculosis CoaBC by targeting an allosteric site. Nature Communications, 2021, 12, 143.	12.8	8
17	Structural insights into Escherichia coli phosphopantothenoylcysteine synthetase by native ion mobilityâ€“mass spectrometry. Biochemical Journal, 2019, 476, 3125-3139.	3.7	4
18	Targeting Mycobacterium tuberculosis CoaBC through Chemical Inhibition of 4â€²-Phosphopantothenoyl-<scp>l</scp>-cysteine Synthetase (CoaB) Activity. ACS Infectious Diseases, 2021, 7, 1666-1679.	3.8	3

#	Article	IF	Citations
19	Coenzyme A Biosynthesis. , 2015, , 1-11.		0
20	CHAPTER 8. Fragment-Based Discovery of Antibacterials. RSC Drug Discovery Series, 2015, , 177-213.	0.3	0