

Christina Spry

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

651
citations

840776

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Exploring Heteroaromatic Rings as a Replacement for the Labile Amide of Antiplasmodial Pantothenamides. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 4478-4497.	6.4	8
2	Targeting <i>Mycobacterium tuberculosis</i> CoaBC through Chemical Inhibition of 4 th -Phosphopantothenoyl-cysteine Synthetase (CoaB) Activity. <i>ACS Infectious Diseases</i> , 2021, 7, 1666-1679.	3.8	3
3	A novel heteromeric pantothenate kinase complex in apicomplexan parasites. <i>PLoS Pathogens</i> , 2021, 17, e1009797.	4.7	8
4	Inhibiting <i>Mycobacterium tuberculosis</i> CoaBC by targeting an allosteric site. <i>Nature Communications</i> , 2021, 12, 143.	12.8	8
5	Toward a Stable and Potent Coenzyme A-Targeting Antiplasmodial Agent: Structure-Activity Relationship Studies of <i>N</i> -Phenethyl- \pm -methyl-pantothenamide. <i>ACS Infectious Diseases</i> , 2020, 6, 1844-1854.	3.8	15
6	Structural insights into <i>Escherichia coli</i> phosphopantothenoylcysteine synthetase by native ion mobility ⁺ mass spectrometry. <i>Biochemical Journal</i> , 2019, 476, 3125-3139.	3.7	4
7	Structure-activity analysis of CJ-15,801 analogues that interact with <i>Plasmodium falciparum</i> pantothenate kinase and inhibit parasite proliferation. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 1139-1147.	5.5	16
8	Structure-Activity Relationships of Antiplasmodial Pantothenamide Analogues Reveal a New Way by Which Triazoles Mimic Amide Bonds. <i>ChemMedChem</i> , 2018, 13, 2677-2683.	3.2	12
9	Mutations in the pantothenate kinase of <i>Plasmodium falciparum</i> confer diverse sensitivity profiles to antiplasmodial pantothenate analogues. <i>PLoS Pathogens</i> , 2018, 14, e1006918.	4.7	24
10	Antiplasmodial Mode of Action of Pantothenamides: Pantothenate Kinase Serves as a Metabolic Activator Not as a Target. <i>ACS Infectious Diseases</i> , 2017, 3, 527-541.	3.8	29
11	Coenzyme A Biosynthesis. , 2015, , 1-11.		0
12	CHAPTER 8. Fragment-Based Discovery of Antibacterials. <i>RSC Drug Discovery Series</i> , 2015, , 177-213.	0.3	0
13	A miniaturized assay for measuring small molecule phosphorylation in the presence of complex matrices. <i>Analytical Biochemistry</i> , 2014, 451, 76-78.	2.4	16
14	Exploiting the coenzyme A biosynthesis pathway for the identification of new antimalarial agents: the case for pantothenamides. <i>Biochemical Society Transactions</i> , 2014, 42, 1087-1093.	3.4	20
15	Structural Modification of Pantothenamides Counteracts Degradation by Pantetheinase and Improves Antiplasmodial Activity. <i>ACS Medicinal Chemistry Letters</i> , 2013, 4, 784-789.	2.8	48
16	Pantothenamides Are Potent, On-Target Inhibitors of <i>Plasmodium falciparum</i> Growth When Serum Pantetheinase Is Inactivated. <i>PLoS ONE</i> , 2013, 8, e54974.	2.5	80
17	The Human Malaria Parasite <i>Plasmodium falciparum</i> Is Not Dependent on Host Coenzyme A Biosynthesis. <i>Journal of Biological Chemistry</i> , 2009, 284, 24904-24913.	3.4	28
18	Coenzyme A biosynthesis: an antimicrobial drug target. <i>FEMS Microbiology Reviews</i> , 2008, 32, 56-106.	8.6	237

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19	Feedback Inhibition of Pantothenate Kinase Regulates Pantothenol Uptake by the Malaria Parasite. <i>Journal of Biological Chemistry</i> , 2007, 282, 25395-25405.	3.4	19
20	A Class of Pantothenic Acid Analogs Inhibits <i>Plasmodium falciparum</i> Pantothenate Kinase and Represses the Proliferation of Malaria Parasites. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 4649-4657.	3.2	57