

Christophe Decroos

List of Publications by Year in descending order

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papers

999
citations

840119

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docs citations

19
times ranked

1748
citing authors

#	ARTICLE	IF	CITATIONS
1	HDAC8 mutations in Cornelia de Lange syndrome affect the cohesin acetylation cycle. <i>Nature</i> , 2012, 489, 313-317.	13.7	488
2	Loss-of-function HDAC8 mutations cause a phenotypic spectrum of Cornelia de Lange syndrome-like features, ocular hypertelorism, large fontanelle and X-linked inheritance. <i>Human Molecular Genetics</i> , 2014, 23, 2888-2900.	1.4	120
3	General Base-Dependent General Acid Catalysis in Human Histone Deacetylase 8. <i>Biochemistry</i> , 2016, 55, 820-832.	1.2	61
4	Compromised Structure and Function of HDAC8 Mutants Identified in Cornelia de Lange Syndrome Spectrum Disorders. <i>ACS Chemical Biology</i> , 2014, 9, 2157-2164.	1.6	56
5	Variable Active Site Loop Conformations Accommodate the Binding of Macrocyclic Largazole Analogues to HDAC8. <i>Biochemistry</i> , 2015, 54, 2126-2135.	1.2	55
6	Biochemical and Structural Characterization of HDAC8 Mutants Associated with Cornelia de Lange Syndrome Spectrum Disorders. <i>Biochemistry</i> , 2015, 54, 6501-6513.	1.2	41
7	Oxidative and Reductive Metabolism of Tris-(<i>p</i> -carboxytetrathiaaryl)methyl Radicals by Liver Microsomes. <i>Chemical Research in Toxicology</i> , 2009, 22, 1342-1350.	1.7	34
8	Oxidative decarboxylation of tris-(<i>p</i> -carboxytetrathiaaryl)methyl radical EPR probes by peroxidases and related heme proteins: Intermediate formation and characterization of the corresponding cations. <i>Archives of Biochemistry and Biophysics</i> , 2010, 502, 74-80.	1.4	28
9	Structural and Functional Influence of the Glycine-Rich Loop G ³⁰² GGGY on the Catalytic Tyrosine of Histone Deacetylase 8. <i>Biochemistry</i> , 2016, 55, 6718-6729.	1.2	22
10	Characterization of a bacterial copper-dependent lytic polysaccharide monooxygenase with an unusual second coordination sphere. <i>FEBS Journal</i> , 2020, 287, 3298-3314.	2.2	16
11	Synthesis and evaluation of N8-acetylspermidine analogues as inhibitors of bacterial acetyl polyamine amidohydrolase. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 4530-4540.	1.4	14
12	Reactions of Amino Acids, Peptides, and Proteins with Oxidized Metabolites of Tris-(<i>p</i> -carboxytetrathiaaryl)methyl Radical EPR Probes. <i>Chemical Research in Toxicology</i> , 2014, 27, 627-636.	1.7	12
13	Design, Synthesis, and Evaluation of Polyamine Deacetylase Inhibitors, and High-Resolution Crystal Structures of Their Complexes with Acetyl polyamine Amidohydrolase. <i>Biochemistry</i> , 2015, 54, 4692-4703.	1.2	12
14	Toward Stable Electron Paramagnetic Resonance Oximetry Probes: Synthesis, Characterization, and Metabolic Evaluation of New Ester Derivatives of a Tris-(<i>para</i> -carboxytetrathiaaryl)methyl (TAM) Radical. <i>Chemical Research in Toxicology</i> , 2013, 26, 1561-1569.	1.7	10
15	Understanding the <i>g</i> -tensors of perchlorotriphenylmethyl and Finland-type trityl radicals. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 20792-20800.	1.3	9
16	Phosphorylation of Histone Deacetylase 8: Structural and Mechanistic Analysis of the Phosphomimetic S39E Mutant. <i>Biochemistry</i> , 2019, 58, 4480-4493.	1.2	8
17	Structural analysis of histone deacetylase 8 mutants associated with Cornelia de Lange Syndrome spectrum disorders. <i>Journal of Structural Biology</i> , 2021, 213, 107681.	1.3	5
18	Chemical Modification of 1-Aminocyclopropane Carboxylic Acid (ACC) Oxidase: Cysteine Mutational Analysis, Characterization, and Bioconjugation with a Nitroxide Spin Label. <i>Molecular Biotechnology</i> , 2019, 61, 650-662.	1.3	4

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19	Decoding the Ambiguous Electron Paramagnetic Resonance Signals in the Lytic Polysaccharide Monooxygenase from <i>Photobacterium luminescens</i> . <i>Inorganic Chemistry</i> , 2022, 61, 8022-8035.	1.9	4