

Kenneth M Roberts

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

284
citations

933447

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all docs

12
docs citations

12
times ranked

462
citing authors

#	ARTICLE	IF	CITATIONS
1	The metal- and substrate-dependences of 2,4-dihydroxyacetophenone dioxygenase. Archives of Biochemistry and Biophysics, 2020, 691, 108441.	3.0	2
2	Structural and enzymatic insights into species-specific resistance to schistosome parasite drug therapy. Journal of Biological Chemistry, 2017, 292, 11154-11164.	3.4	24
3	Measurement of Kinetic Isotope Effects in an Enzyme-Catalyzed Reaction by Continuous-Flow Mass Spectrometry. Methods in Enzymology, 2017, 596, 149-161.	1.0	2
4	Metal dependence and branched RNA cocrystal structures of the RNA lariat debranching enzyme Dbr1. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 14727-14732.	7.1	24
5	Mechanism of the Flavoprotein <i>Hydroxynicotine Oxidase</i> : Kinetic Mechanism, Substrate Specificity, Reaction Product, and Roles of Active-Site Residues. Biochemistry, 2016, 55, 697-703.	2.5	17
6	Activation of Phenylalanine Hydroxylase by Phenylalanine Does Not Require Binding in the Active Site. Biochemistry, 2014, 53, 7846-7853.	2.5	22
7	Characterization of Unstable Products of Flavin- and Pterin-Dependent Enzymes by Continuous-Flow Mass Spectrometry. Biochemistry, 2014, 53, 2672-2679.	2.5	13
8	Phenylalanine Binding Is Linked to Dimerization of the Regulatory Domain of Phenylalanine Hydroxylase. Biochemistry, 2014, 53, 6625-6627.	2.5	29
9	Mechanisms of tryptophan and tyrosine hydroxylase. IUBMB Life, 2013, 65, 350-357.	3.4	67
10	Kinetic Mechanism of Phenylalanine Hydroxylase: Intrinsic Binding and Rate Constants from Single-Turnover Experiments. Biochemistry, 2013, 52, 1062-1073.	2.5	24
11	Isotope Effects Suggest a Stepwise Mechanism for Berberine Bridge Enzyme. Biochemistry, 2012, 51, 7342-7347.	2.5	28
12	Anilinic N-Oxides Support Cytochrome P450-Mediated N-Dealkylation through Hydrogen-Atom Transfer. Chemistry - A European Journal, 2010, 16, 8096-8107.	3.3	32