Kenneth M Roberts

List of Publications by Year
in descending order

12	284	933447 10	1199594 12
papers	citations	h-index	g-index

12	12	12	462
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mechanisms of tryptophan and tyrosine hydroxylase. IUBMB Life, 2013, 65, 350-357.	3.4	67
2	Anilinic Nâ€Oxides Support Cytochrome P450â€Mediated Nâ€Dealkylation through Hydrogenâ€Atom Transfer. Chemistry - A European Journal, 2010, 16, 8096-8107.	3.3	32
3	Phenylalanine Binding Is Linked to Dimerization of the Regulatory Domain of Phenylalanine Hydroxylase. Biochemistry, 2014, 53, 6625-6627.	2.5	29
4	Isotope Effects Suggest a Stepwise Mechanism for Berberine Bridge Enzyme. Biochemistry, 2012, 51, 7342-7347.	2.5	28
5	Kinetic Mechanism of Phenylalanine Hydroxylase: Intrinsic Binding and Rate Constants from Single-Turnover Experiments. Biochemistry, 2013, 52, 1062-1073.	2.5	24
6	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
7	Structural and enzymatic insights into species-specific resistance to schistosome parasite drug therapy. Journal of Biological Chemistry, 2017, 292, 11154-11164.	3.4	24
8	Activation of Phenylalanine Hydroxylase by Phenylalanine Does Not Require Binding in the Active Site. Biochemistry, 2014, 53, 7846-7853.	2.5	22
9	Mechanism of the Flavoprotein <scp>l</scp>-Hydroxynicotine Oxidase: Kinetic Mechanism, Substrate Specificity, Reaction Product, and Roles of Active-Site Residues. Biochemistry, 2016, 55, 697-703.	2.5	17
10	Characterization of Unstable Products of Flavin- and Pterin-Dependent Enzymes by Continuous-Flow Mass Spectrometry. Biochemistry, 2014, 53, 2672-2679.	2.5	13
11	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
12	The metal- and substrate-dependences of 2,4â€²-dihydroxyacetophenone dioxygenase. Archives of Biochemistry and Biophysics, 2020, 691, 108441.	3.0	2