Kathryn M Mcculloch

List of Publications by Year
in descending order

14 papers	251 citations	1163117 8 h-index	1125743 13 g-index
14 all docs	14 docs citations	14 times ranked	405 citing authors

#	Article	IF	Citations
1	Oxidative cyclizations in orthosomycin biosynthesis expand the known chemistry of an oxygenase superfamily. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11547-11552.	7.1	42
2	Structural Basis for Sialoglycan Binding by the Streptococcus sanguinis SrpA Adhesin. Journal of Biological Chemistry, 2016, 291, 7230-7240.	3.4	39
3	Identification of a Domain in the Vo Subunit d That Is Critical for Coupling of the Yeast Vacuolar Proton-translocating ATPase. Journal of Biological Chemistry, 2006, 281, 30001-30014.	3.4	37
4	Structure of the PLP Degradative Enzyme 2-Methyl-3-hydroxypyridine-5-carboxylic Acid Oxygenase from Mesorhizobium loti MAFF303099 and Its Mechanistic Implications. Biochemistry, 2009, 48, 4139-4149.	2.5	33
5	Structural Studies of Thiamin Monophosphate Kinase in Complex with Substrates and Products[,]. Biochemistry, 2008, 47, 3810-3821.	2.5	27
6	Teaching Crystallography by Determining Small Molecule Structures and 3-D Printing: An Inorganic Chemistry Laboratory Module. Journal of Chemical Education, 2020, 97, 2273-2279.	2.3	15
7	Structure Determination and Characterization of the Vitamin B₆ Degradative Enzyme (E)-2-(Acetamidomethylene)succinate Hydrolase[,]. Biochemistry, 2010, 49, 1226-1235.	2.5	13
8	Gene Identification and Structural Characterization of the Pyridoxal 5â€˜-Phosphate Degradative Protein 3-Hydroxy-2-methylpyridine-4,5-dicarboxylate Decarboxylase from Mesorhizobium loti MAFF303099,. Biochemistry, 2007, 46, 13606-13615.	2.5	12
9	An alternative N-terminal fold of the intestine-specific annexin A13a induces dimerization and regulates membrane-binding. Journal of Biological Chemistry, 2019, 294, 3454-3463.	3.4	11
10	The Structure of the Bifunctional Everninomicin Biosynthetic Enzyme EvdMO1 Suggests Independent Activity of the Fused Methyltransferase-Oxidase Domains. Biochemistry, 2018, 57, 6827-6837.	2.5	7
11	Bifunctional Nitrone-Conjugated Secondary Metabolite Targeting the Ribosome. Journal of the American Chemical Society, 2020, 142, 18369-18377.	13.7	7
12	Methyltransferase Contingencies in the Pathway of Everninomicin D Antibiotics and Analogues. ChemBioChem, 2020, 21, 3349-3358.	2.6	4
13	Immunoprecipitation and characterization of membrane protein complexes from yeast. Biochemistry and Molecular Biology Education, 2005, 33, 289-292.	1.2	2
14	Cofactor Catabolism. , 2010, , 649-674.		2