

Marilyn Schuman Jorns

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Human Sulfide:Quinone Oxidoreductase Catalyzes the First Step in Hydrogen Sulfide Metabolism and Produces a Sulfane Sulfur Metabolite. <i>Biochemistry</i> , 2012, 51, 6804-6815.	1.2	228
2	Monomeric Sarcosine Oxidase: Kinetic Studies with Sarcosine, Alternate Substrates, and a Substrate Analogue. <i>Biochemistry</i> , 2000, 39, 8825-8829.	1.2	80
3	Structure of the Flavocoenzyme of Two Homologous Amine Oxidases: Monomeric Sarcosine Oxidase and N-Methyltryptophan Oxidase. <i>Biochemistry</i> , 1999, 38, 5588-5595.	1.2	71
4	Biosynthesis of a Central Intermediate in Hydrogen Sulfide Metabolism by a Novel Human Sulfurtransferase and Its Yeast Ortholog. <i>Biochemistry</i> , 2014, 53, 4739-4753.	1.2	63
5	Characterization of the FAD-Containing N-Methyltryptophan Oxidase from <i>Escherichia coli</i> . <i>Biochemistry</i> , 2001, 40, 1441-1450.	1.2	45
6	Organization of the Multiple Coenzymes and Subunits and Role of the Covalent Flavin Link in the Complex Heterotetrameric Sarcosine Oxidase. <i>Biochemistry</i> , 2001, 40, 5352-5367.	1.2	35
7	Structural Characterization of Mutations at the Oxygen Activation Site in Monomeric Sarcosine Oxidase. <i>Biochemistry</i> , 2010, 49, 3631-3639.	1.2	32
8	Use of Tissue Metabolite Analysis and Enzyme Kinetics To Discriminate between Alternate Pathways for Hydrogen Sulfide Metabolism. <i>Biochemistry</i> , 2017, 56, 986-996.	1.2	31
9	X-Ray Structure of Human Sulfide:Quinone Oxidoreductase: Insights into the Mechanism of Mitochondrial Hydrogen Sulfide Oxidation. <i>Structure</i> , 2019, 27, 794-805.e4.	1.6	31
10	N-Methyltryptophan Oxidase from <i>Escherichia coli</i> : Reaction Kinetics with N-Methyl Amino Acid and Carbinolamine Substrates. <i>Biochemistry</i> , 2001, 40, 1451-1459.	1.2	20
11	Inactivation of Monomeric Sarcosine Oxidase by Reaction with N-(Cyclopropyl)glycine. <i>Biochemistry</i> , 2000, 39, 14341-14347.	1.2	16
12	Discovery of a first-in-class inhibitor of sulfide:quinone oxidoreductase that protects against adverse cardiac remodeling and heart failure. <i>Cardiovascular Research</i> , 2022, 118, 1771-1784.	1.8	13
13	Selective enhancement of ligand and flavin Raman modes in charge-transfer complexes of sarcosine oxidase. <i>Journal of Raman Spectroscopy</i> , 2001, 32, 79-92.	1.2	8
14	Synthesis and evaluation of potent novel inhibitors of human sulfide:quinone oxidoreductase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 54, 128443.	1.0	4