Marilyn Schuman Jorns

List of Publications by Year
in descending order

14	677	840119 11	1058022 14
papers	citations	h-index	g-index

14	14	14	683
all docs	docs citations	times ranked	citing authors

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