

Florence Lederer

List of Publications by Year in descending order

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32
papers

788
citations

471509

17
h-index

501196

28
g-index

32
all docs

32
docs citations

32
times ranked

299
citing authors

#	ARTICLE	IF	CITATIONS
1	The "cytochrome b5 fold": Structure of a novel protein superfamily. Journal of Molecular Biology, 1979, 135, 639-650.	4.2	81
2	Flavocytochrome b2 (Baker's Yeast). Deuterium Isotope Effect Studied by Rapid-Kinetic Methods as a Probe for the Mechanism of Electron Transfer. FEBS Journal, 1980, 104, 479-488.	0.2	73
3	Substitution of Tyr254 with Phe at the active site of flavocytochrome b2: consequences on catalysis of lactate dehydrogenation. Biochemistry, 1990, 29, 6393-6400.	2.5	66

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#	ARTICLE	IF	CITATIONS
19	High resolution crystal structure of rat long chain hydroxy acid oxidase in complex with the inhibitor 4-carboxy-5-[(4-chlorophenyl)sulfanyl]-1, 2, 3-thiadiazole. Implications for inhibitor specificity and drug design. <i>Biochimie</i> , 2012, 94, 1172-1179.	2.6	18
20	A Residue Critical for Flavin Binding in Flavocytochrome b2 from Baker's Yeast. Inactivation and Labeling of Flavin-Free Enzyme by 2-Keto-3-Butynoate. <i>FEBS Journal</i> , 1982, 129, 143-147.	0.2	17
21	Flavocytochrome b2: Reactivity of Its Flavin with Molecular Oxygen. <i>Biochemistry</i> , 2007, 46, 13080-13088.	2.5	17
22	Potentiometric and Further Kinetic Characterization of the Flavin-Binding Domain of <i>Saccharomyces cerevisiae</i> Flavocytochrome b2. Inhibition by Anions Binding in the Active Site. <i>Biochemistry</i> , 2007, 46, 4661-4670.	2.5	13
23	On the lack of coordination between protein folding and flavin insertion in <i>Escherichia coli</i> for flavocytochrome b2 mutant forms Y254L and D282N. <i>Protein Science</i> , 1995, 4, 925-935.	7.6	13
24	Inactivation of flavocytochrome b2 with fluoropyruvate. Reaction at the active-site histidine. <i>FEBS Journal</i> , 1988, 173, 155-162.	0.2	12
25	Another look at the interaction between mitochondrial cytochrome c and flavocytochrome b 2. <i>European Biophysics Journal</i> , 2011, 40, 1283-1299.	2.2	9
26	Probing Intramolecular Electron Transfer within Flavocytochrome b2 with a Monoclonal Antibody. <i>Biochemistry</i> , 1998, 37, 3440-3448.	2.5	8
27	On the rate of proton exchange with solvent of the catalytic histidine in flavocytochrome b2 (yeast lactate dehydrogenase). <i>Protein Science</i> , 1994, 3, 109-117.	7.6	6
28	Interdomain Contacts in Flavocytochrome b2, a Mutational Analysis. <i>Biochemistry</i> , 2009, 48, 10803-10809.	2.5	6
29	Structural Evidence for the Functional Importance of the Heme Domain Mobility in Flavocytochrome b2. <i>Journal of Molecular Biology</i> , 2010, 400, 518-530.	4.2	6
30	Epitope mapping for the monoclonal antibody that inhibits intramolecular electron transfer in flavocytochrome b2. <i>Biochemical Journal</i> , 2003, 373, 115-123.	3.7	5
31	Trifluorosubstrates as mechanistic probes for an FMN-dependent l-2-hydroxy acid-oxidizing enzyme. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2016, 1864, 1215-1221.	2.3	3
32	Translational misreading, amino acid misincorporation and misinterpretations. The case of the flavocytochrome b2 H373Q variant. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2017, 1865, 353-358.	2.3	1