

Florence Lederer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2125768/publications.pdf>

Version: 2024-02-01

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	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
2	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
3	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
4	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
5	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
6	Structure of human glycolate oxidase in complex with the inhibitor 4-carboxy-5-[(4-chlorophenyl)sulfanyl]-1,2,3-thiadiazole. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2009, 65, 1246-1253.	0.7	24
7	<sc>l</sc>â€Lactate dehydrogenation in flavocytochrome <i>b</i>₂. <i>FEBS Journal</i> , 2009, 276, 2368-2380.	4.7	18
8	Interdomain Contacts in Flavocytochrome <i>b</i>₂, a Mutational Analysis. <i>Biochemistry</i> , 2009, 48, 10803-10809.	2.5	6
9	Flavocytochrome b2:â€Reactivity of Its Flavin with Molecular Oxygen. <i>Biochemistry</i> , 2007, 46, 13080-13088.	2.5	17
10	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
11	Crystal Structure Analysis of Recombinant Rat Kidney Long Chain Hydroxy Acid Oxidase,. <i>Biochemistry</i> , 2005, 44, 1521-1531.	2.5	36
12	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
13	The catalytic role of tyrosine 254 in flavocytochrome b2 (l-lactate dehydrogenase from baker's yeast). <i>FEBS Journal</i> , 2001, 268, 4918-4927.	0.2	20
14	Kinetic and Crystallographic Studies on the Active Site Arg289Lys Mutant of Flavocytochrome b2 (Yeast l-Lactate Dehydrogenase)â€. <i>Biochemistry</i> , 2000, 39, 3266-3275.	2.5	26
15	About the pK_a of the activeâ€site histidine in flavocytochrome b₂ (yeast) Tj ETQq1 1 0.784314 rgBT /Overlap 19	7.6	19
16	Probing Intramolecular Electron Transfer within Flavocytochrome b2 with a Monoclonal Antibodyâ€. <i>Biochemistry</i> , 1998, 37, 3440-3448.	2.5	8
17	Molecular Interpretation of Inhibition by Excess Substrate in Flavocytochrome b2:â€A Study with Wild-Type and Y143F Mutant Enzymesâ€. <i>Biochemistry</i> , 1997, 36, 7126-7135.	2.5	19
18	Functional Properties of the Histidineâ€Aspartate Ion Pair of Flavocytochrome b2 (l-Lactate) Tj ETQq0 0 0 rgBT /Overlap 10 Tj 50 62 Td	2.5	26

#	ARTICLE	IF	CITATIONS
19	On the lack of coordination between protein folding and flavin insertion in <i>Escherichia coli</i> for flavocytochrome <i>b₂</i> mutant forms Y254L and D282N. <i>Protein Science</i> , 1995, 4, 925-935.	7.6	13
20	On the rate of proton exchange with solvent of the catalytic histidine in flavocytochrome <i>b₂</i> (yeast <i>Lactate dehydrogenase</i>). <i>Protein Science</i> , 1994, 3, 109-117.	7.6	6
21	Role of tyrosine 143 in lactate dehydrogenation by flavocytochrome <i>b₂</i> . Primary kinetic isotope effect studies with a phenylalanine mutant. <i>Biochemistry</i> , 1994, 33, 798-806.	2.5	38
22	Flavin to haem electron transfer in flavocytochrome <i>b₂</i> . <i>Biochemical Society Transactions</i> , 1994, 22, 713-718.	3.4	23
23	Substitution of Tyr254 with Phe at the active site of flavocytochrome <i>b₂</i> : consequences on catalysis of lactate dehydrogenation. <i>Biochemistry</i> , 1990, 29, 6393-6400.	2.5	66
24	Inactivation of flavocytochrome <i>b₂</i> with fluoropyruvate. Reaction at the active-site histidine. <i>FEBS Journal</i> , 1988, 173, 155-162.	0.2	12
25	Rat kidney L-2-hydroxyacid oxidase. Structural and mechanistic comparison with flavocytochrome <i>b₂</i> from bakers' yeast. <i>Biochemistry</i> , 1988, 27, 7365-7371.	2.5	30
26	On the mechanism of flavin modification during inactivation of flavocytochrome <i>b₂</i> from baker's yeast by acetylenic substrates. <i>FEBS Journal</i> , 1985, 148, 145-154.	0.2	18
27	On the Transhydrogenase Activity of Baker's Yeast Flavocytochrome <i>b₂</i> . <i>FEBS Journal</i> , 1983, 134, 275-281.	0.2	26
28	A Residue Critical for Flavin Binding in Flavocytochrome <i>b₂</i> 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
29	Flavocytochrome <i>b₂</i> (Baker's Yeast). Deuterium Isotope Effect Studied by Rapid-Kinetic Methods as a Probe for the Mechanism of Electron Transfer. <i>FEBS Journal</i> , 1980, 104, 479-488.	0.2	73
30	The <i>cytochrome b₅</i> fold: Structure of a novel protein superfamily. <i>Journal of Molecular Biology</i> , 1979, 135, 639-650.	4.2	81
31	Sulfite Binding to a Flavodehydrogenase, Cytochrome <i>b₂</i> from Baker's Yeast. <i>FEBS Journal</i> , 1978, 88, 425-431.	0.2	50
32			