

Lukasz Lebioda

List of Publications by Year in descending order

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papers

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1040056

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423
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#	ARTICLE	IF	CITATIONS
1	The Crystal Structure and Amino Acid Sequence of Dehaloperoxidase from <i>Amphitrite ornata</i> Indicate Common Ancestry with Globins. <i>Journal of Biological Chemistry</i> , 2000, 275, 18712-18716.	3.4	90
2	Reactions of <i>Pseudomonas</i> 7A Glutaminase-Asparaginase with Diazo Analogues of Glutamine and Asparagine Result in Unexpected Covalent Inhibitions and Suggests an Unusual Catalytic Triad Thr-Tyr-Glu. <i>Biochemistry</i> , 2000, 39, 1199-1204.	2.5	70
3	Crystal structure of human prostatic acid phosphatase. , 2000, 42, 211-218.		68
4	Fluoride inhibition of yeast enolase: Crystal structure of the enolase-Mg ²⁺ -F ⁻ -Pi complex at 2.6 Å... resolution. <i>Proteins: Structure, Function and Bioinformatics</i> , 1993, 16, 219-225.	2.6	49
5	Bioâ€“incorporation of telluromethionine into buried residues of dihydrofolate reductase. <i>Nature Structural and Molecular Biology</i> , 1994, 1, 283-284.	8.2	38
6	<i>Amphitrite ornata</i> Dehaloperoxidase (DHP): Investigations of Structural Factors That Influence the Mechanism of Halophenol Dehalogenation Using â€œPeroxidase-likeâ€•Myoglobin Mutants and â€œMyoglobin-likeâ€•DHP Mutants. <i>Biochemistry</i> , 2011, 50, 8172-8180.	2.5	38
7	Complexes of Dual-Function Hemoglobin/Dehaloperoxidase with Substrate 2,4,6-Trichlorophenol Are Inhibitory and Indicate Binding of Halophenol to Compound I. <i>Biochemistry</i> , 2013, 52, 6203-6210.	2.5	34
8	Influence of heme environment structure on dioxygen affinity for the dual function <i>Amphitrite ornata</i> hemoglobin/dehaloperoxidase. Insights into the evolutionary structureâ€“function adaptations. <i>Archives of Biochemistry and Biophysics</i> , 2014, 545, 108-115.	3.0	21
9	Catalytic Cysteine of Thymidylate Synthase Is Activated upon Substrate Bindingâ€•. <i>Biochemistry</i> , 2000, 39, 6969-6978.	2.5	20
10	Cation Binding and Thermostability of FTHFS Monovalent Cation Binding Sites and Thermostability of N10-Formyltetrahydrofolate Synthetase from <i>Moorella thermoacetica</i> ., <i>Biochemistry</i> , 2000, 39, 14481-14486.	2.5	16
11	Structures of K42N and K42Y sperm whale myoglobins point to an inhibitory role of distal water in peroxidase activity. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 2833-2839.	2.5	4