

Ingar Leiros

List of Publications by Year in descending order

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18
papers

367
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1162367

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docs citations

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times ranked

502
citing authors

#	ARTICLE	IF	CITATIONS
1	The Reaction Mechanism of Phospholipase D from <i>Streptomyces</i> sp. Strain PMF. Snapshots along the Reaction Pathway Reveal a Pentacoordinate Reaction Intermediate and an Unexpected Final Product. <i>Journal of Molecular Biology</i> , 2004, 339, 805-820.	2.0	125
2	The structure of uracil-DNA glycosylase from Atlantic cod (<i>Gadus morhua</i>) reveals cold-adaptation features. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2003, 59, 1357-1365.	2.5	59
3	Structural basis for enzymatic excision of N1-methyladenine and N3-methylcytosine from DNA. <i>EMBO Journal</i> , 2007, 26, 2206-2217.	3.5	37
4	The crystal structure of anionic salmon trypsin in complex with bovine pancreatic trypsin inhibitor. <i>FEBS Journal</i> , 1998, 256, 317-324.	0.2	30
5	Discovery and characterization of a thermostable two-domain GH6 endoglucanase from a compost metagenome. <i>PLoS ONE</i> , 2018, 13, e0197862.	1.1	23
6	His224 Alters the R2 Drug Binding Site and Phe218 Influences the Catalytic Efficiency of the Metallo- β -Lactamase VIM-7. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 4826-4836.	1.4	17
7	Temperature adaptation of DNA ligases from psychrophilic organisms. <i>Extremophiles</i> , 2019, 23, 305-317.	0.9	17
8	Opposite-base dependent excision of 5-formyluracil from DNA by hSMUG1. <i>International Journal of Radiation Biology</i> , 2009, 85, 413-420.	1.0	13
9	The crystal structure of the tetrameric DABA-aminotransferase EctB, a rate-limiting enzyme in the ectoine biosynthesis pathway. <i>FEBS Journal</i> , 2020, 287, 4641-4658.	2.2	10
10	Properties and distribution of a metallo- β -lactamase (ALI-1) from the fish pathogen <i>Aliivibrio salmonicida</i> LFI1238. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 766-772.	1.3	9
11	Structure determination of uracil-DNA-glycosylase from <i>Deinococcus radiodurans</i> in complex with DNA. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2015, 71, 2137-2149.	2.5	7
12	Experimental and computational characterization of the ferric uptake regulator from <i>Aliivibrio salmonicida</i> (<i>Vibrio salmonicida</i>). <i>Journal of Microbiology</i> , 2010, 48, 174-183.	1.3	5
13	Mutational analysis of the pro-peptide of a marine intracellular subtilisin protease supports its role in inhibition. <i>Proteins: Structure, Function and Bioinformatics</i> , 2018, 86, 965-977.	1.5	5
14	Biochemical characterization of ferric uptake regulator (Fur) from <i>Aliivibrio salmonicida</i> . Mapping the DNA sequence specificity through binding studies and structural modelling. <i>BioMetals</i> , 2020, 33, 169-185.	1.8	3
15	The <i>Escherichia coli</i> alkA Gene Is Activated to Alleviate Mutagenesis by an Oxidized Deoxynucleoside. <i>Frontiers in Microbiology</i> , 2020, 11, 263.	1.5	3
16	Intrinsic Strand-Incision Activity of Human UNG: Implications for Nick Generation in Immunoglobulin Gene Diversification. <i>Frontiers in Immunology</i> , 2021, 12, 762032.	2.2	2
17	Biochemical characterization of Parl, an orphan C5-DNA methyltransferase from <i>Psychrobacter arcticus</i> 273-4. <i>Protein Expression and Purification</i> , 2018, 150, 100-108.	0.6	1
18	Characterization of an intertidal zone metagenome oligoribonuclease and the role of the intermolecular disulfide bond for homodimer formation and nuclease activity. <i>FEBS Open Bio</i> , 2019, 9, 1674-1688.	1.0	1