Tatsuo Kurihara

List of Publications by Year
in descending order

124	4,016	109137	143772
papers	citations	35 h-index	57 g-index

131	131	131	2981
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Capsular polysaccharide from a fish-gut bacterium induces/promotes apoptosis of colon cancer cells in vitro through Caspases' pathway activation. Carbohydrate Polymers, 2022, 278, 118908.	5.1	10
2	Membrane Vesicles Produced by Shewanella vesiculosa HM13 as a Prospective Platform for Secretory Production of Heterologous Proteins at Low Temperatures. Methods in Molecular Biology, 2022, 2414, 191-205.	0.4	1
3	Identification of a Putative Sensor Protein Involved in Regulation of Vesicle Production by a Hypervesiculating Bacterium, Shewanella vesiculosa HM13. Frontiers in Microbiology, 2021, 12, 629023.	1.5	3
4	Initial Step of Selenite Reduction via Thioredoxin for Bacterial Selenoprotein Biosynthesis. International Journal of Molecular Sciences, 2021, 22, 10965.	1.8	9
5	Design of the N-Terminus Substituted Curvature-Sensing Peptides That Exhibit Highly Sensitive Detection Ability of Bacterial Extracellular Vesicles. Chemical and Pharmaceutical Bulletin, 2021, 69, 1075-1082.	0.6	4
6	Complete Lipooligosaccharide Structure from Pseudoalteromonas nigrifaciens Sq02-Rifr and Study of Its Immunomodulatory Activity. Marine Drugs, 2021, 19, 646.	2.2	2
7	Development of a Simple and Rapid Method for In Situ Vesicle Detection in Cultured Media. Journal of Molecular Biology, 2020, 432, 5876-5888.	2.0	6
8	A Novel Lysophosphatidic Acid Acyltransferase of Escherichia coli Produces Membrane Phospholipids with a cis-vaccenoyl Group and Is Related to Flagellar Formation. Biomolecules, 2020, 10, 745.	1.8	5
9	Role of acyl-CoA dehydrogenases from Shewanella livingstonensis Ac10 in docosahexaenoic acid conversion. Biochemical and Biophysical Research Communications, 2020, 528, 453-458.	1.0	2
10	Lysophosphatidic acid acyltransferase from the thermophilic bacterium Thermus thermophilus HB8 displays substrate promiscuity. Bioscience, Biotechnology and Biochemistry, 2020, 84, 1831-1838.	0.6	4
11	Bioconversion From Docosahexaenoic Acid to Eicosapentaenoic Acid in the Marine Bacterium Shewanella livingstonensis Ac10. Frontiers in Microbiology, 2020, 11, 1104.	1.5	8
12	Detailed Structural Characterization of the Lipooligosaccharide from the Extracellular Membrane Vesicles of Shewanella vesiculosa HM13. Marine Drugs, 2020, 18, 231.	2.2	8
13	Genetic characterization and functional implications of the gene cluster for selective protein transport to extracellular membrane vesicles of Shewanella vesiculosa HM13. Biochemical and Biophysical Research Communications, 2020, 526, 525-531.	1.0	9
14	Development of a regulatable low-temperature protein expression system using the psychrotrophic bacterium, Shewanella livingstonensis Ac10, as the host. Bioscience, Biotechnology and Biochemistry, 2019, 83, 2153-2162.	0.6	4
15	Structural Elucidation of a Novel Lipooligosaccharide from the Cold-Adapted Bacterium OMVs Producer Shewanella sp. HM13. Marine Drugs, 2019, 17, 34.	2.2	14
16	Isolation of a Novel Bacterial Strain Capable of Producing Abundant Extracellular Membrane Vesicles Carrying a Single Major Cargo Protein and Analysis of Its Transport Mechanism. Frontiers in Microbiology, 2019, 10, 3001.	1.5	16
17	Dimer-monomer equilibrium of human HSP27 is influenced by the in-cell macromolecular crowding environment and is controlled by fatty acids and heat. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2018, 1866, 692-701.	1.1	3
18	Purification and characterization of 1-acyl-sn-glycerol-3-phosphate acyltransferase with a substrate preference for polyunsaturated fatty acyl donors from the eicosapentaenoic acid-producing bacterium Shewanella livingstonensis Ac10. Journal of Biochemistry, 2018, 164, 33-39.	0.9	21

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19	A novel 1-acyl-sn-glycerol-3-phosphate O-acyltransferase homolog for the synthesis of membrane phospholipids with a branched-chain fatty acyl group in Shewanella livingstonensis Ac10. Biochemical and Biophysical Research Communications, 2018, 500, 704-709.	1.0	15
20	Characterization of extracellular membrane vesicles of an Antarctic bacterium, Shewanella livingstonensis Ac10, and their enhanced production by alteration of phospholipid composition. Extremophiles, 2017, 21, 723-731.	0.9	14
21	Selective fluorescence detection method for selenide and selenol using monochlorobimane. Analytical Biochemistry, 2017, 532, 1-8.	1.1	5
22	Synthesis and Functional Assessment of a Novel Fatty Acid Probe, Ï‰-Ethynyl Eicosapentaenoic Acid Analog, to Analyze the in Vivo Behavior of Eicosapentaenoic Acid. Bioconjugate Chemistry, 2017, 28, 2077-2085.	1.8	12
23	Development of a versatile method for targeted gene deletion and insertion by using the pyrF gene in the psychrotrophic bacterium, Shewanella livingstonensis Ac10. Journal of Bioscience and Bioengineering, 2016, 122, 645-651.	1.1	15
24	Alkyl hydroperoxide reductase enhances the growth of Leuconostoc mesenteroides lactic acid bacteria at low temperatures. AMB Express, 2015, 5, 11.	1.4	9
25	Characterization of a thermostable 2,4-diaminopentanoate dehydrogenase from Fervidobacterium nodosum Rt17-B1. Journal of Bioscience and Bioengineering, 2014, 117, 551-556.	1.1	4
26	Glutathione contributes to the efflux of selenium from hepatoma cells. Bioscience, Biotechnology and Biochemistry, 2014, 78, 1376-1380.	0.6	7
27	Global Identification of Genes Affecting Iron-Sulfur Cluster Biogenesis and Iron Homeostasis. Journal of Bacteriology, 2014, 196, 1238-1249.	1.0	11
28	Reciprocal Modulation of Surface Expression of Annexin A2 in a Human Umbilical Vein Endothelial Cell-Derived Cell Line by Eicosapentaenoic Acid and Docosahexaenoic Acid. PLoS ONE, 2014, 9, e85045.	1.1	8
29	Binding modes of DL-2-haloacid dehalogenase revealed by crystallography, modeling and isotope effects studies. Archives of Biochemistry and Biophysics, 2013, 540, 26-32.	1.4	13
30	Inhibition of constitutive Akt (PKB) phosphorylation by docosahexaenoic acid in the human breast cancer cell line MDA-MB-453. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2013, 1831, 306-313.	1.2	14
31	Regulation of Cytochromec- and Quinol Oxidases, and Piezotolerance of Their Activities in the Deep-Sea PiezophileShewanella violaceaDSS12 in Response to Growth Conditions. Bioscience, Biotechnology and Biochemistry, 2013, 77, 1522-1528.	0.6	15
32	Physiological Roles of Phospholipids Containing Polyunsaturated Fatty Acids in Bacteria. Oleoscience, 2013, 13, 221-229.	0.0	0
33	Pseudomonas putida PydR, a RutR-like transcriptional regulator, represses the dihydropyrimidine dehydrogenase gene in the pyrimidine reductive catabolic pathway. Journal of Biochemistry, 2012, 152, 341-346.	0.9	7
34	Occurrence of a Bacterial Membrane Microdomain at the Cell Division Site Enriched in Phospholipids with Polyunsaturated Hydrocarbon Chains. Journal of Biological Chemistry, 2012, 287, 24113-24121.	1.6	18
35	Eicosapentaenoic acid plays a role in stabilizing dynamic membrane structure in the deep-sea piezophile Shewanella violacea: A study employing high-pressure time-resolved fluorescence anisotropy measurement. Biochimica Et Biophysica Acta - Biomembranes, 2012, 1818, 574-583.	1.4	56
36	Eicosapentaenoic acid facilitates the folding of an outer membrane protein of the psychrotrophic bacterium, Shewanella livingstonensis Ac10. Biochemical and Biophysical Research Communications, 2012, 425, 363-367.	1.0	15

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37	Substrate Specificity of Fluoroacetate Dehalogenase: An Insight from Crystallographic Analysis, Fluorescence Spectroscopy, and Theoretical Computations. Chemistry - A European Journal, 2012, 18, 8392-8402.	1.7	23
38	Identification of cold-inducible inner membrane proteins of the psychrotrophic bacterium, Shewanella livingstonensis Ac10, by proteomic analysis. Extremophiles, 2012, 16, 227-236.	0.9	13
39	Thermal Stability of Cytochromec5of Pressure-SensitiveShewanella livingstonensis. Bioscience, Biotechnology and Biochemistry, 2011, 75, 1859-1861.	0.6	7
40	A Mechanistic Analysis of Enzymatic Degradation of Organohalogen Compounds. Bioscience, Biotechnology and Biochemistry, 2011, 75, 189-198.	0.6	22
41	Identification of novel mammalian phospholipids containing threonine, aspartate, and glutamate as the base moiety. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2011, 879, 3296-3302.	1.2	4
42	Differential roles of internal and terminal double bonds in docosahexaenoic acid: Comparative study of cytotoxicity of polyunsaturated fatty acids to HT-29 human colorectal tumor cell line. Prostaglandins Leukotrienes and Essential Fatty Acids, 2011, 84, 31-37.	1.0	8
43	Mammalian Selenocysteine Lyase Is Involved in Selenoprotein Biosynthesis. Journal of Nutritional Science and Vitaminology, 2011, 57, 298-305.	0.2	32
44	Favourable effects of eicosapentaenoic acid on the late step of the cell division in a piezophilic bacterium, Shewanella violacea DSS12, at highâ€hydrostatic pressures. Environmental Microbiology, 2011, 13, 2293-2298.	1.8	32
45	Escherichia coli Dihydropyrimidine Dehydrogenase Is a Novel NAD-Dependent Heterotetramer Essential for the Production of 5,6-Dihydrouracil. Journal of Bacteriology, 2011, 193, 989-993.	1.0	35
46	Piezotolerance of the Respiratory Terminal Oxidase Activity of the PiezophilicShewanella violaceaDSS12 as Compared with Non-PiezophilicShewanellaSpecies. Bioscience, Biotechnology and Biochemistry, 2011, 75, 919-924.	0.6	15
47	Crystallization and preliminary X-ray analysis of<scp>L</scp>-azetidine-2-carboxylate hydrolase fromPseudomonassp. strain A2C. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 801-804.	0.7	6
48	IscS Functions as a Primary Sulfur-donating Enzyme by Interacting Specifically with MoeB and MoaD in the Biosynthesis of Molybdopterin in Escherichia coli. Journal of Biological Chemistry, 2010, 285, 2302-2308.	1.6	57
49	2-Haloacrylate Hydratase, a New Class of Flavoenzyme That Catalyzes the Addition of Water to the Substrate for Dehalogenation. Applied and Environmental Microbiology, 2010, 76, 6032-6037.	1.4	18
50	The Distribution of Phosphatidyl-D-serine in the Rat. Bioscience, Biotechnology and Biochemistry, 2010, 74, 1953-1955.	0.6	4
51	Reaction Mechanism and Molecular Basis for Selenium/Sulfur Discrimination of Selenocysteine Lyase. Journal of Biological Chemistry, 2010, 285, 12133-12139.	1.6	32
52	Selenocysteine Is Selectively Taken Up by Red Blood Cells. Bioscience, Biotechnology and Biochemistry, 2009, 73, 2746-2748.	0.6	9
53	Crystal Structure of a Homolog of Mammalian Serine Racemase from Schizosaccharomyces pombe. Journal of Biological Chemistry, 2009, 284, 25944-25952.	1.6	81
54	Eicosapentaenoic Acid Plays a Beneficial Role in Membrane Organization and Cell Division of a Cold-Adapted Bacterium, Shewanella livingstonensis Ac10. Journal of Bacteriology, 2009, 191, 632-640.	1.0	82

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55	Serine Racemase with Catalytically Active Lysinoalanyl Residue*. Journal of Biochemistry, 2009, 145, 421-424.	0.9	30
56	X-Ray Crystallographic and Mutational Studies of Fluoroacetate Dehalogenase from Burkholderia sp. Strain FA1. Journal of Bacteriology, 2009, 191, 2630-2637.	1.0	33
57	The Catalytic Mechanism of Fluoroacetate Dehalogenase: A Computational Exploration of Biological Dehalogenation. Chemistry - A European Journal, 2009, 15, 7394-7403.	1.7	35
58	Roles of K151 and D180 in <scp>L</scp>â€2â€haloacid dehalogenase from Pseudomonas sp. YL: Analysis by molecular dynamics and ab initio fragment molecular orbital calculations. Journal of Computational Chemistry, 2009, 30, 2625-2634.	1.5	25
59	Occurrence of phosphatidyl-d-serine in the rat cerebrum. Biochemical and Biophysical Research Communications, 2009, 382, 415-418.	1.0	9
60	Identification of Proteins Interacting with Selenocysteine Lyase. Bioscience, Biotechnology and Biochemistry, 2009, 73, 1230-1232.	0.6	21
61	Cold adaptation of eicosapentaenoic acid-less mutant of Shewanella livingstonensis Ac10 involving uptake and remodeling of synthetic phospholipids containing various polyunsaturated fatty acids. Extremophiles, 2008, 12, 753-761.	0.9	32
62	Bacterial hydrolytic dehalogenases and related enzymes: Occurrences, reaction mechanisms, and applications. Chemical Record, 2008, 8, 67-74.	2.9	66
63	Production of (S)-2-chloropropionate by asymmetric reduction of 2-chloroacrylate with 2-haloacrylate reductase coupled with glucose dehydrogenase. Journal of Bioscience and Bioengineering, 2008, 105, 429-431.	1.1	10
64	Proteomic Studies of Psychrophilic Microorganisms. , 2008, , 333-344.		6
65	The iscS gene deficiency affects the expression of pyrimidine metabolism genes. Biochemical and Biophysical Research Communications, 2008, 372, 407-411.	1.0	14
66	Construction of a Low-Temperature Protein Expression System Using a Cold-Adapted Bacterium, Shewanella sp. Strain Ac10, as the Host. Applied and Environmental Microbiology, 2007, 73, 4849-4856.	1.4	41
67	Alanine racemase from Helicobacter pylori NCTC 11637:Purification, characterization and gene cloning. Life Sciences, 2007, 80, 788-794.	2.0	13
68	Expression, purification and preliminary X-ray characterization of<scp>DL</scp>-2-haloacid dehalogenase fromMethylobacteriumÂsp. CPA1. Acta Crystallographica Section F: Structural Biology Communications, 2007, 63, 586-589.	0.7	10
69	Proteomic studies of an Antarctic cold-adapted bacterium, Shewanella livingstonensis Ac10, for global identification of cold-inducible proteins. Extremophiles, 2007, 11, 819-826.	0.9	73
70	Mechanism of the Reaction Catalyzed bydl-2-Haloacid Dehalogenase As Determined from Kinetic Isotope Effectsâ€. Biochemistry, 2006, 45, 6012-6017.	1.2	16
71	Enzymatic Synthesis ofL-Pipecolic Acid by Î”1-Piperideine-2-carboxylate Reductase fromPseudomonas putida. Bioscience, Biotechnology and Biochemistry, 2006, 70, 2296-2298.	0.6	23
72	N-Methyl-l-amino acid dehydrogenase from Pseudomonas putida. FEBS Journal, 2005, 272, 1117-1123.	2.2	44

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73	Crystal Structures of Î”1-Piperideine-2-carboxylate/Î”1-Pyrroline-2-carboxylate Reductase Belonging to a New Family of NAD(P)H-dependent Oxidoreductases. Journal of Biological Chemistry, 2005, 280, 40875-40884.	1.6	40
74	The Putative Malate/Lactate Dehydrogenase from Pseudomonas putida Is an NADPH-dependent Î”1-Piperideine-2-carboxylate/Î”1-Pyrroline-2-carboxylate Reductase Involved in the Catabolism of d-Lysine and d-Proline. Journal of Biological Chemistry, 2005, 280, 5329-5335.	1.6	65
75	2-Haloacrylate Reductase, a Novel Enzyme of the Medium Chain Dehydrogenase/Reductase Superfamily That Catalyzes the Reduction of a Carbon-Carbon Double Bond of Unsaturated Organohalogen Compounds. Journal of Biological Chemistry, 2005, 280, 20286-20291.	1.6	20
76	A new family of NAD(P)H-dependent oxidoreductases distinct from conventional Rossmann-fold proteins. Journal of Bioscience and Bioengineering, 2005, 99, 541-547.	1.1	18
77	Asymmetric reduction of 2-chloroacrylic acid to (S)-2-chloropropionic acid by a novel reductase from Burkholderia sp. WS. Tetrahedron: Asymmetry, 2004, 15, 2837-2839.	1.8	28
78	Enzymatic synthesis of N-methyl-l-phenylalanine by a novel enzyme, N-methyl-l-amino acid dehydrogenase, from Pseudomonas putida. Tetrahedron: Asymmetry, 2004, 15, 2841-2843.	1.8	27
79	Reactivity of asparagine residue at the active site of the D105N mutant of fluoroacetate dehalogenase from Moraxella sp. B. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2004, 1698, 27-36.	1.1	13
80	A new dl-2-haloacid dehalogenase acting on 2-haloacid amides: purification, characterization, and mechanism. Journal of Molecular Catalysis B: Enzymatic, 2003, 23, 329-336.	1.8	11
81	Mass spectrometric analysis of the reactions catalyzed by l-2-haloacid dehalogenase mutants and implications for the roles of the catalytic amino acid residues. Journal of Molecular Catalysis B: Enzymatic, 2003, 23, 337-345.	1.8	7
82	Purification, characterization, and gene cloning of a novel fluoroacetate dehalogenase from Burkholderia sp. FA1. Journal of Molecular Catalysis B: Enzymatic, 2003, 23, 347-355.	1.8	53
83	A novel esterase from a psychrotrophic bacterium, Acinetobacter sp. strain no. 6, that belongs to the amidase signature family. Journal of Molecular Catalysis B: Enzymatic, 2003, 23, 357-365.	1.8	12
84	Assembly of ironâ€“sulfur clusters mediated by cysteine desulfurases, IscS, CsdB and CSD, from Escherichia coli. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2003, 1647, 303-309.	1.1	45
85	Cloning, heterologous expression, renaturation, and characterization of a cold-adapted esterase with unique primary structure from a psychrotroph Pseudomonas sp. strain B11-1. Protein Expression and Purification, 2003, 30, 171-178.	0.6	41
86	Enhanced Selenium Tolerance and Accumulation in Transgenic Arabidopsis Expressing a Mouse Selenocysteine Lyase. Plant Physiology, 2003, 131, 1250-1257.	2.3	111
87	The iscS gene is essential for the biosynthesis of 2-selenouridine in tRNA and the selenocysteine-containing formate dehydrogenase H. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 6679-6683.	3.3	64
88	Characterization of a NifS-Like Chloroplast Protein from Arabidopsis. Implications for Its Role in Sulfur and Selenium Metabolism. Plant Physiology, 2002, 130, 1309-1318.	2.3	142
89	Network of Protein-Protein Interactions among Iron-Sulfur Cluster Assembly Proteins in Escherichia coli1. Journal of Biochemistry, 2002, 131, 713-719.	0.9	99
90	Catalysis-Linked Inactivation of Fluoroacetate Dehalogenase by Ammonia: A Novel Approach to Probe the Active-Site Environment. Journal of Biochemistry, 2002, 131, 671-677.	0.9	11

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91	Structure of External Aldimine of Escherichia coli CsdB, an IscS/Nifs Homolog: Implications for Its Specificity toward Selenocysteine. Journal of Biochemistry, 2002, 131, 679-685.	0.9	65
92	Primary Structure and Catalytic Properties of a Cold-active Esterase from a Psychrotroph, Acinetobacter sp. Strain No. 6. Isolated from Siberian Soil. Bioscience, Biotechnology and Biochemistry, 2002, 66, 1682-1690.	0.6	19
93	A cold-active esterase with a substrate preference for vinyl esters from a psychrotroph, Acinetobacter sp. strain no. 6: gene cloning, purification, and characterization. Journal of Molecular Catalysis B: Enzymatic, 2002, 16, 255-263.	1.8	20
94	Cys-328 of IscS and Cys-63 of IscU are the sites of disulfide bridge formation in a covalently bound IscS/IscU complex: Implications for the mechanism of iron-sulfur cluster assembly. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 5948-5952.	3.3	118
95	Chlorine Kinetic Isotope Effect on the Fluoroacetate Dehalogenase Reaction. Journal of the American Chemical Society, 2001, 123, 9192-9193.	6.6	9
96	Cold-active lipolytic activity of psychrotrophic Acinetobacter sp. strain no. 6. Journal of Bioscience and Bioengineering, 2001, 92, 144-148.	1.1	75
97	Bacterial 2-haloacid dehalogenases: structures and reaction mechanisms. Journal of Molecular Catalysis B: Enzymatic, 2000, 10, 57-65.	1.8	52
98	Novel Catalytic Mechanism of Nucleophilic Substitution by Asparagine Residue Involving Cyanoalanine Intermediate Revealed by Mass Spectrometric Monitoring of an Enzyme Reaction. Journal of Biological Chemistry, 2000, 275, 40804-40809.	1.6	21
99	cDNA Cloning, Purification, and Characterization of Mouse Liver Selenocysteine Lyase. Journal of Biological Chemistry, 2000, 275, 6195-6200.	1.6	84
100	Gene Cloning, Purification, and Characterization of Two Cyanobacterial NifS Homologs Driving Iron-Sulfur Cluster Formation. Bioscience, Biotechnology and Biochemistry, 2000, 64, 2412-2419.	0.6	22
101	Escherichia coli NifS-like Proteins Provide Selenium in the Pathway for the Biosynthesis of Selenophosphate. Journal of Biological Chemistry, 2000, 275, 23769-23773.	1.6	78
102	Lst1p and Sec24p Cooperate in Sorting of the Plasma Membrane Atpase into Copii Vesicles in Saccharomyces cerevisiae. Journal of Cell Biology, 2000, 151, 973-984.	2.3	133
103	Sec24p and Iss1p Function Interchangeably in Transport Vesicle Formation from the Endoplasmic Reticulum inSaccharomyces cerevisiae. Molecular Biology of the Cell, 2000, 11, 983-998.	0.9	70
104	Structure of a NifS Homologue:Â X-ray Structure Analysis of CsdB, anEscherichia coliCounterpart of Mammalian Selenocysteine Lyaseâ€,â€¡. Biochemistry, 2000, 39, 1263-1273.	1.2	95
105	Cold-Active Serine Alkaline Protease from the Psychrotrophic Bacterium Shewanella Strain Ac10: Gene Cloning and Enzyme Purification and Characterization. Applied and Environmental Microbiology, 1999, 65, 611-617.	1.4	101
106	dl-2-Haloacid Dehalogenase fromPseudomonas sp. 113 Is a New Class of Dehalogenase Catalyzing Hydrolytic Dehalogenation Not Involving Enzyme-Substrate Ester Intermediate. Journal of Biological Chemistry, 1999, 274, 20977-20981.	1.6	53
107	Role of Lysine 39 of Alanine Racemase from Bacillus stearothermophilus That Binds Pyridoxal 5â€²-Phosphate. Journal of Biological Chemistry, 1999, 274, 4189-4194.	1.6	71
108	A nifS-like Gene, csdB, Encodes anEscherichia coli Counterpart of Mammalian Selenocysteine Lyase. Journal of Biological Chemistry, 1999, 274, 14768-14772.	1.6	109

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109	Crystal Structures of Reaction Intermediates ofl-2-Haloacid Dehalogenase and Implications for the Reaction Mechanism. Journal of Biological Chemistry, 1998, 273, 15035-15044.	1.6	98
110	Reaction Mechanism of Fluoroacetate Dehalogenase from Moraxella sp. B. Journal of Biological Chemistry, 1998, 273, 30897-30902.	1.6	70
111	Paracatalytic Inactivation of L-2-Haloacid Dehalogenase from Pseudomonas sp. YL by Hydroxylamine. Journal of Biological Chemistry, 1997, 272, 3363-3368.	1.6	31
112	Crystallization and preliminary X-ray crystallographic studies ofL-2-haloacid dehalogenase fromPseudomonas sp. YL. , 1996, 24, 520-522.		10
113	Crystal Structure of L-2-Haloacid Dehalogenase from Pseudomonas sp. YL. Journal of Biological Chemistry, 1996, 271, 20322-20330.	1.6	152
114	Comprehensive Site-Directed Mutagenesis of L-2-Halo Acid Dehalogenase to Probe Catalytic Amino Acid Residues1. Journal of Biochemistry, 1995, 117, 1317-1322.	0.9	78
115	Overexpression and feasible purification of thermostable L-2-halo acid dehalogenase ofPseudomonas sp. YL. Biodegradation, 1995, 6, 223-227.	1.5	10
116	Reaction Mechanism of L-2-Haloacid Dehalogenase of Pseudomonas sp. YL. Journal of Biological Chemistry, 1995, 270, 18309-18312.	1.6	77
117	Unique Primary Structure of 2-Nitropropane Dioxygenase from Hansenula Mrakii. FEBS Journal, 1994, 226, 841-846.	0.2	13
118	Fungal thermostable ?-dialkylamino acid aminotransferase: occurrence, purification and characterization. Archives of Microbiology, 1994, 161, 110-115.	1.0	8
119	Two Kinds of 2-Halo Acid Dehalogenases fromPseudomonassp. YL Induced by 2-Chloroacrylate and 2-Chloropropionate. Bioscience, Biotechnology and Biochemistry, 1994, 58, 1599-1602.	0.6	29
120	Reconsideration of the Essential Role of a Histidine Residue of L-2-Halo Acid Dehalogenase. Journal of Biochemistry, 1994, 116, 248-249.	0.9	13
121	Fungal thermostable ?-dialkylamino acid aminotransferase: occurrence, purification and characterization. Archives of Microbiology, 1994, 161, 110-115.	1.0	1
122	Peroxisomal acetoacetyl-CoA thiolase of an n-alkane-utilizing yeast, Candida tropicalis. FEBS Journal, 1992, 210, 999-1005.	0.2	34
123	Immunoelectron Microscopic Localization of Thiolases, .BETA.-Oxidation Enzymes of an n-Alkane-Utilizable Yeast, Candida tropicalis.. Cell Structure and Function, 1992, 17, 203-207.	0.5	14
124	Genes encoding peroxisomal enzymes are not necessarily assigned on the same chromosome of an n -alkane-utilizable yeast Candida tropicalis. FEBS Letters, 1991, 286, 61-63.	1.3	13