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	Crystal Structure of L-2-Haloacid Dehalogenase from Pseudomonas sp. YL. Journal of Biological Chemistry, 1996, 271, 20322-20330.	1.6	152
2	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
3	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
4	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
5	Enhanced Selenium Tolerance and Accumulation in Transgenic Arabidopsis Expressing a Mouse Selenocysteine Lyase. Plant Physiology, 2003, 131, 1250-1257.	2.3	111
6	A nifS-like Gene, csdB, Encodes anEscherichia coli Counterpart of Mammalian Selenocysteine Lyase. Journal of Biological Chemistry, 1999, 274, 14768-14772.	1.6	109
7	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
8	Network of Protein-Protein Interactions among Iron-Sulfur Cluster Assembly Proteins in Escherichia coli1. Journal of Biochemistry, 2002, 131, 713-719.	0.9	99
9	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
10	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
11	cDNA Cloning, Purification, and Characterization of Mouse Liver Selenocysteine Lyase. Journal of Biological Chemistry, 2000, 275, 6195-6200.	1.6	84
12	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
13	Crystal Structure of a Homolog of Mammalian Serine Racemase from Schizosaccharomyces pombe. Journal of Biological Chemistry, 2009, 284, 25944-25952.	1.6	81
14	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
15	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
16	Reaction Mechanism of L-2-Haloacid Dehalogenase of Pseudomonas sp. YL. Journal of Biological Chemistry, 1995, 270, 18309-18312.	1.6	77
17	Cold-active lipolytic activity of psychrotrophic Acinetobacter sp. strain no. 6. Journal of Bioscience and Bioengineering, 2001, 92, 144-148.	1.1	75
18	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

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19	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
20	Reaction Mechanism of Fluoroacetate Dehalogenase from Moraxella sp. B. Journal of Biological Chemistry, 1998, 273, 30897-30902.	1.6	70
21	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
22	Bacterial hydrolytic dehalogenases and related enzymes: Occurrences, reaction mechanisms, and applications. Chemical Record, 2008, 8, 67-74.	2.9	66
23	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
24	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
25	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
26	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
27	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
28	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
29	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
30	Bacterial 2-haloacid dehalogenases: structures and reaction mechanisms. Journal of Molecular Catalysis B: Enzymatic, 2000, 10, 57-65.	1.8	52
31	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
32	N-Methyl-l-amino acid dehydrogenase from Pseudomonas putida. FEBS Journal, 2005, 272, 1117-1123.	2.2	44
33	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
34	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
35	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
36	The Catalytic Mechanism of Fluoroacetate Dehalogenase: A Computational Exploration of Biological Dehalogenation. Chemistry - A European Journal, 2009, 15, 7394-7403.	1.7	35

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37	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
38	Peroxisomal acetoacetyl-CoA thiolase of an n-alkane-utilizing yeast, Candida tropicalis. FEBS Journal, 1992, 210, 999-1005.	0.2	34
39	X-Ray Crystallographic and Mutational Studies of Fluoroacetate Dehalogenase from Burkholderia sp. Strain FA1. Journal of Bacteriology, 2009, 191, 2630-2637.	1.0	33
40	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
41	Reaction Mechanism and Molecular Basis for Selenium/Sulfur Discrimination of Selenocysteine Lyase. Journal of Biological Chemistry, 2010, 285, 12133-12139.	1.6	32
42	Mammalian Selenocysteine Lyase Is Involved in Selenoprotein Biosynthesis. Journal of Nutritional Science and Vitaminology, 2011, 57, 298-305.	0.2	32
43	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
44	Paracatalytic Inactivation of L-2-Haloacid Dehalogenase from Pseudomonas sp. YL by Hydroxylamine. Journal of Biological Chemistry, 1997, 272, 3363-3368.	1.6	31
45	Serine Racemase with Catalytically Active Lysinoalanyl Residue*. Journal of Biochemistry, 2009, 145, 421-424.	0.9	30
46	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
47	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
48	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
49	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
50	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
51	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
52	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
53	A Mechanistic Analysis of Enzymatic Degradation of Organohalogen Compounds. Bioscience, Biotechnology and Biochemistry, 2011, 75, 189-198.	0.6	22
54	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

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55	Identification of Proteins Interacting with Selenocysteine Lyase. Bioscience, Biotechnology and Biochemistry, 2009, 73, 1230-1232.	0.6	21
56	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
57	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
58	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
59	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
60	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
61	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
62	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
63	Mechanism of the Reaction Catalyzed bydl-2-Haloacid Dehalogenase As Determined from Kinetic Isotope Effectsâ€. Biochemistry, 2006, 45, 6012-6017.	1.2	16
64	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
65	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
66	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
67	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
68	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
69	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
70	The iscS gene deficiency affects the expression of pyrimidine metabolism genes. Biochemical and Biophysical Research Communications, 2008, 372, 407-411.	1.0	14
71	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
72	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

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73	Structural Elucidation of a Novel Lipooligosaccharide from the Cold-Adapted Bacterium OMVs Producer Shewanella sp. HM13. Marine Drugs, 2019, 17, 34.	2.2	14
74	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
75	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
76	Unique Primary Structure of 2-Nitropropane Dioxygenase from Hansenula Mrakii. FEBS Journal, 1994, 226, 841-846.	0.2	13
77	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
78	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
79	Alanine racemase from Helicobacter pylori NCTC 11637:Purification, characterization and gene cloning. Life Sciences, 2007, 80, 788-794.	2.0	13
80	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
81	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
82	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
83	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
84	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
85	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
86	Global Identification of Genes Affecting Iron-Sulfur Cluster Biogenesis and Iron Homeostasis. Journal of Bacteriology, 2014, 196, 1238-1249.	1.0	11
87	Overexpression and feasible purification of thermostable L-2-halo acid dehalogenase ofPseudomonas sp. YL. Biodegradation, 1995, 6, 223-227.	1.5	10
88	Crystallization and preliminary X-ray crystallographic studies ofL-2-haloacid dehalogenase fromPseudomonas sp. YL. , 1996, 24, 520-522.		10
89	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
90	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

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91	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
92	Chlorine Kinetic Isotope Effect on the Fluoroacetate Dehalogenase Reaction. Journal of the American Chemical Society, 2001, 123, 9192-9193.	6.6	9
93	Selenocysteine Is Selectively Taken Up by Red Blood Cells. Bioscience, Biotechnology and Biochemistry, 2009, 73, 2746-2748.	0.6	9
94	Occurrence of phosphatidyl-d-serine in the rat cerebrum. Biochemical and Biophysical Research Communications, 2009, 382, 415-418.	1.0	9
95	Alkyl hydroperoxide reductase enhances the growth of Leuconostoc mesenteroides lactic acid bacteria at low temperatures. AMB Express, 2015, 5, 11.	1.4	9
96	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
97	Initial Step of Selenite Reduction via Thioredoxin for Bacterial Selenoprotein Biosynthesis. International Journal of Molecular Sciences, 2021, 22, 10965.	1.8	9
98	Fungal thermostable ?-dialkylamino acid aminotransferase: occurrence, purification and characterization. Archives of Microbiology, 1994, 161, 110-115.	1.0	8
99	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
100	Bioconversion From Docosahexaenoic Acid to Eicosapentaenoic Acid in the Marine Bacterium Shewanella livingstonensis Ac10. Frontiers in Microbiology, 2020, 11, 1104.	1.5	8
101	Detailed Structural Characterization of the Lipooligosaccharide from the Extracellular Membrane Vesicles of Shewanella vesiculosa HM13. Marine Drugs, 2020, 18, 231.	2.2	8
102	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
103	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
104	Thermal Stability of Cytochromec5of Pressure-SensitiveShewanella livingstonensis. Bioscience, Biotechnology and Biochemistry, 2011, 75, 1859-1861.	0.6	7
105	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
106	Glutathione contributes to the efflux of selenium from hepatoma cells. Bioscience, Biotechnology and Biochemistry, 2014, 78, 1376-1380.	0.6	7
107	Proteomic Studies of Psychrophilic Microorganisms. , 2008, , 333-344.		6
108	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

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109	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
110	Selective fluorescence detection method for selenide and selenol using monochlorobimane. Analytical Biochemistry, 2017, 532, 1-8.	1.1	5
111	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
112	The Distribution of Phosphatidyl-D-serine in the Rat. Bioscience, Biotechnology and Biochemistry, 2010, 74, 1953-1955.	0.6	4
113	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
114	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
115	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
116	Lysophosphatidic acid acyltransferase from the thermophilic bacterium Thermus thermophilus HB8 displays substrate promiscuity. Bioscience, Biotechnology and Biochemistry, 2020, 84, 1831-1838.	0.6	4
117	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
118	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
119	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
120	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
121	Complete Lipooligosaccharide Structure from Pseudoalteromonas nigrifaciens Sq02-Rifr and Study of Its Immunomodulatory Activity. Marine Drugs, 2021, 19, 646.	2.2	2
122	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
123	Fungal thermostable ?-dialkylamino acid aminotransferase: occurrence, purification and characterization. Archives of Microbiology, 1994, 161, 110-115.	1.0	1
124	Physiological Roles of Phospholipids Containing Polyunsaturated Fatty Acids in Bacteria. Oleoscience, 2013, 13, 221-229.	0.0	0