Masafumi Yohda

List of Publications by Year
in descending order

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261	6,297	71061	106281
papers	citations	41 h-index	65 g-index

269	269	269	4880
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Novel non-heme iron center of nitrile hydratase with a claw setting of oxygen atoms. Nature Structural Biology, 1998, 5, 347-351.	9.7	342
2	Heat-inactivated proteins are rescued by the DnaK*J-GrpE set and ClpB chaperones. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 7184-7189.	3.3	236
3	Chaperonin-mediated stabilization and ATP-triggered release of semiconductor nanoparticles. Nature, 2003, 423, 628-632.	13.7	232
4	Postâ€translational modification is essential for catalytic activity of nitrile hydratase. Protein Science, 2000, 9, 1024-1030.	3.1	156
5	Sequence and over-expression of subunits of adenosine triphosphate synthase in thermophilic bacterium PS3. Biochimica Et Biophysica Acta - Bioenergetics, 1988, 933, 141-155.	0.5	139
6	Fe-type nitrile hydratase. Journal of Inorganic Biochemistry, 2001, 83, 247-253.	1.5	126
7	Activity Regulation of Photoreactive Nitrile Hydratase by Nitric Oxide. Journal of the American Chemical Society, 1997, 119, 3785-3791.	6.6	116
8	Cyclic RGD peptide-labeled upconversion nanophosphors for tumor cell-targeted imaging. Biochemical and Biophysical Research Communications, 2009, 381, 54-58.	1.0	104
9	Functional Expression of Nitrile Hydratase in Escherichia coli: Requirement of a Nitrile Hydratase Activator and Post-Translational Modification of a Ligand Cysteine. Journal of Biochemistry, 1999, 125, 696-704.	0.9	95
10	Structure of the Photoreactive Iron Center of the Nitrile Hydratase from Rhodococcus sp. N-771. Journal of Biological Chemistry, 1997, 272, 29454-29459.	1.6	85
11	An enzyme controlled by light: the molecular mechanism of photoreactivity in nitrile hydratase. Trends in Biotechnology, 1999, 17, 244-248.	4.9	83
12	Crystal Structures of the Group II Chaperonin from Thermococcus strain KS-1: Steric Hindrance by the Substituted Amino Acid, and Inter-subunit Rearrangement between Two Crystal Forms. Journal of Molecular Biology, 2004, 335, 1265-1278.	2.0	82
13	Carbonyl Sulfide Hydrolase from Thiobacillus thioparus Strain THI115 Is One of the Î²-Carbonic Anhydrase Family Enzymes. Journal of the American Chemical Society, 2013, 135, 3818-3825.	6.6	82
14	Structural and functional characterization of homo-oligomeric complexes of Î± and Î² chaperonin subunits from the hyperthermophilic archaeum Thermococcus strain KS-1 1 1Edited by W. Baumeister. Journal of Molecular Biology, 1997, 273, 635-645.	2.0	77
15	Effects of Linear Polyacrylamide Concentrations and Applied Voltages on the Separation of Oligonucleotides and DNA Sequencing Fragments by Capillary Electrophoresis. Analytical Chemistry, 1994, 66, 4243-4252.	3.2	76
16	Tertiary and Quaternary Structures of Photoreactive Fe-Type Nitrile Hydratase fromRhodococcussp. N-771:Â Roles of Hydration Water Molecules in Stabilizing the Structures and the Structural Origin of the Substrate Specificity of the Enzymeâ€,â€¡. Biochemistry, 1999, 38, 9887-9898.	1.2	75
17	Structure of Thiocyanate Hydrolase: A New Nitrile Hydratase Family Protein with a Novel Five-coordinate Cobalt(III) Center. Journal of Molecular Biology, 2007, 366, 1497-1509.	2.0	75
18	Site-directed mutagenesis of stable adenosine triphosphate synthase. Biochimica Et Biophysica Acta - Bioenergetics, 1988, 933, 156-164.	0.5	74

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19	Packaging guest proteins into the encapsulin nanocompartment from Rhodococcus erythropolis N771. Biotechnology and Bioengineering, 2015, 112, 13-20.	1.7	73
20	High Speed Polymerase Chain Reaction in Constant Flow. Bioscience, Biotechnology and Biochemistry, 1994, 58, 349-352.	0.6	71
21	Crystal Structure of Aspartate Racemase from Pyrococcus horikoshii OT3 and Its Implications for Molecular Mechanism of PLP-independent Racemization. Journal of Molecular Biology, 2002, 319, 479-489.	2.0	71
22	A Novel Factor Required for the Assembly of the DnaK and DnaJ Chaperones of. Journal of Biological Chemistry, 1996, 271, 17343-17348.	1.6	64
23	Invitro mutated Î² subunits from the F1-ATPase of the thermophilic bacterium, PS3, containing glutamine in place of glutamic acid in positions 190 or 201 assembles with the Î± and Î³ subunits to produce inactive complexes. Biochemical and Biophysical Research Communications, 1987, 146, 705-710.	1.0	60
24	Development of a novel method for operating magnetic particles, Magtration Technology, and its use for automating nucleic acid purification. Journal of Bioscience and Bioengineering, 2001, 91, 500-503.	1.1	60
25	Vapor detection and discrimination with a panel of odorant receptors. Nature Communications, 2018, 9, 4556.	5.8	58
26	Catalytic Mechanism of Nitrile Hydratase Proposed by Time-resolved X-ray Crystallography Using a Novel Substrate, tert-Butylisonitrile. Journal of Biological Chemistry, 2008, 283, 36617-36623.	1.6	57
27	Nonequivalence Observed for the 16-Meric Structure of a Small Heat Shock Protein, SpHsp16.0, from Schizosaccharomyces pombe. Structure, 2013, 21, 220-228.	1.6	56
28	Arginine 56 mutation in the ÃŽÂ² subunit of nitrile hydratase: importance of hydrogen bonding to the non-heme iron center. Journal of Inorganic Biochemistry, 2000, 80, 283-288.	1.5	55
29	Formation of highly toxic soluble amyloid beta oligomers by the molecular chaperone prefoldin. FEBS Journal, 2008, 275, 5982-5993.	2.2	55
30	Kinetics and Binding Sites for Interaction of the Prefoldin with a Group II Chaperonin. Journal of Biological Chemistry, 2004, 279, 31788-31795.	1.6	53
31	Pyrococcus Prefoldin Stabilizes Protein-Folding Intermediates and Transfers Them to Chaperonins for Correct Folding. Biochemical and Biophysical Research Communications, 2002, 291, 769-774.	1.0	52
32	Molecular cloning and nucleotide sequencing of the aspartate racemase gene from lactic acid bacteria Streptococcus thermophilus. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1991, 1089, 234-240.	2.4	51
33	Cobalt-substituted Fe-type nitrile hydratase ofRhodococcussp. N-771. FEBS Letters, 2000, 465, 173-177.	1.3	51
34	Structure and Molecular Dynamics Simulation of Archaeal Prefoldin: The Molecular Mechanism for Binding and Recognition of Nonnative Substrate Proteins. Journal of Molecular Biology, 2008, 376, 1130-1141.	2.0	51
35	Structure and direct electrochemistry of cytochrome P450 from the thermoacidophilic crenarchaeon, Sulfolobus tokodaii strain 7. Journal of Inorganic Biochemistry, 2004, 98, 1194-1199.	1.5	50
36	Structure and characterization of amidase from Rhodococcus sp. N-771: Insight into the molecular mechanism of substrate recognition. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2010, 1804, 184-192.	1.1	50

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37	Thiocyanate Hydrolase Is a Cobalt-Containing Metalloenzyme with a Cysteine-Sulfinic Acid Ligand. Journal of the American Chemical Society, 2006, 128, 728-729.	6.6	48
38	Archaeal group II chaperonin mediates protein folding in the cis-cavity without a detachable GroES-like co-chaperonin11Edited by W. Baumeister. Journal of Molecular Biology, 2002, 315, 73-85.	2.0	46
39	ATP Binding Is Critical for the Conformational Change from an Open to Closed State in Archaeal Group II Chaperonin. Journal of Biological Chemistry, 2003, 278, 44959-44965.	1.6	45
40	Facilitated release of substrate protein from prefoldin by chaperonin. FEBS Letters, 2005, 579, 3718-3724.	1.3	44
41	Gene for Aspartate Racemase from the Sulfur-dependent Hyperthermophilic Archaeum, Desulfurococcus Strain SY. Journal of Biological Chemistry, 1996, 271, 22017-22021.	1.6	43
42	Cloning and functional characterization of Arabidopsisâ€ƒthaliana <scp>d</scp>â€amino acid aminotransferase <scp>â€“ d</scp>â€aspartate behavior during germination. FEBS Journal, 2008, 275, 1188-1200.	2.2	43
43	Localization of Prefoldin Interaction Sites in the Hyperthermophilic Group II Chaperonin and Correlations between Binding Rate and Protein Transfer Rate. Journal of Molecular Biology, 2006, 364, 110-120.	2.0	42
44	Structural Basis for Catalytic Activation of Thiocyanate Hydrolase Involving Metal-Ligated Cysteine Modification. Journal of the American Chemical Society, 2009, 131, 14838-14843.	6.6	42
45	Role of the Helical Protrusion in the Conformational Change and Molecular Chaperone Activity of the Archaeal Group II Chaperonin. Journal of Biological Chemistry, 2004, 279, 18834-18839.	1.6	41
46	Occurrence of Free <scp>d</scp> -Amino Acids and Aspartate Racemases in Hyperthermophilic Archaea. Journal of Bacteriology, 1999, 181, 6560-6563.	1.0	41
47	Natural chaperonin of the hyperthermophilic archaeum, Thermococcus strain KS-1: a hetero-oligomeric chaperonin with variable subunit composition. Molecular Microbiology, 2004, 39, 1406-1413.	1.2	39
48	Distribution and purification of aspartate racemase in lactic acid bacteria. BBA - Proteins and Proteomics, 1991, 1078, 377-382.	2.1	37
49	FtsH Recognizes Proteins with Unfolded Structure and Hydrolyzes the Carboxyl Side of Hydrophobic Residues. Journal of Biochemistry, 2000, 127, 931-937.	0.9	36
50	Solubilization and folding of a fully active recombinant Gaussia luciferase with native disulfide bonds by using a SEP-Tag. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2011, 1814, 1775-1778.	1.1	35
51	ATP Dependent Rotational Motion of Group II Chaperonin Observed by X-ray Single Molecule Tracking. PLoS ONE, 2013, 8, e64176.	1.1	35
52	Role of the IXI/V motif in oligomer assembly and function of StHsp14.0, a small heat shock protein from the acidothermophilic archaeon, Sulfolobus tokodaii strain 7. Proteins: Structure, Function and Bioinformatics, 2008, 71, 771-782.	1.5	34
53	Dimer structure and conformational variability in the N-terminal region of an archaeal small heat shock protein, StHsp14.0. Journal of Structural Biology, 2011, 174, 92-99.	1.3	34
54	Olfactory receptor accessory proteins play crucial roles in receptor function and gene choice. ELife, 2017, 6, .	2.8	34

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55	Single-Site Catalysis of F1-ATPase from Thennophilic Bacterium PS3 and Its Dominance in Steady-State Catalysis at Low ATP Concentration1. Journal of Biochemistry, 1987, 102, 875-883.	0.9	32
56	Photoreactive Nitrile Hydratase: The Photoreaction Site Is Located on the Â Subunit. Journal of Biochemistry, 1996, 119, 407-413.	0.9	32
57	Modification of the response of olfactory receptors to acetophenone by CYP1a2. Scientific Reports, 2017, 7, 10167.	1.6	32
58	Use of Candida rugosa lipase as a biocatalyst for L-lactide ring-opening polymerization and polylactic acid production. Biocatalysis and Agricultural Biotechnology, 2018, 16, 683-691.	1.5	32
59	Location of the Non-Heme Iron Center on the Î± Subunit of Photoreactive Nitrile Hydratase fromRhodococcussp. N-771. Biochemical and Biophysical Research Communications, 1996, 221, 146-150.	1.0	31
60	Occurrence of -Amino Acids and a Pyridoxal 5â€²-Phosphate-Dependent Aspartate Racemase in the Acidothermophilic Archaeon, Thermoplasma acidophilum. Biochemical and Biophysical Research Communications, 2001, 281, 317-321.	1.0	31
61	Molecular characterization of the group II chaperonin from the hyperthermophilic archaeum Pyrococcus horikoshii OT3. Extremophiles, 2005, 9, 127-134.	0.9	31
62	Crystal structure of an extensively simplified variant of bovine pancreatic trypsin inhibitor in which over one-third of the residues are alanines. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 15334-15339.	3.3	31
63	Biophysical characterization of highly active recombinant Gaussia luciferase expressed in Escherichia coli. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2010, 1804, 1902-1907.	1.1	31
64	Structural Studies on the Oligomeric Transition of a Small Heat Shock Protein, StHsp14.0. Journal of Molecular Biology, 2012, 422, 100-108.	2.0	31
65	Mutational Study on Î±Gln90 of Fe-Type Nitrile Hydratase fromRhodococcussp. N771. Bioscience, Biotechnology and Biochemistry, 2006, 70, 881-889.	0.6	30
66	The Nâ€terminal replacement of an olfactory receptor for the development of a Yeastâ€based biomimetic odor sensor. Biotechnology and Bioengineering, 2012, 109, 205-212.	1.7	30
67	Properties and Crystal Structure of Methylenetetrahydrofolate Reductase from Thermus thermophilus HB8. PLoS ONE, 2011, 6, e23716.	1.1	30
68	Glycine at the 65th Position Plays an Essential Role in ATP-Dependent Protein Folding by Archael Group II Chaperonin. Biochemical and Biophysical Research Communications, 2001, 289, 1118-1124.	1.0	29
69	Structural insight into gene duplication, gene fusion and domain swapping in the evolution of PLP-independent amino acid racemases. FEBS Letters, 2002, 528, 114-118.	1.3	29
70	Characterization of Archaeal Group II Chaperonin-ADP-Metal Fluoride Complexes. Journal of Biological Chemistry, 2005, 280, 40375-40383.	1.6	29
71	A novel chiral thiol reagent for automated precolumn derivatization and high-performance liquid chromatographic enantioseparation of amino acids and its application to the aspartate racemase assay. Analytical Biochemistry, 2003, 315, 262-269.	1.1	28
72	Expression and biochemical characterization of two small heat shock proteins from the thermoacidophilic crenarchaeon Sulfolobus tokodaii strain 7. Protein Science, 2004, 13, 134-144.	3.1	28

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73	Overexpression of prefoldin from the hyperthermophilic archaeum Pyrococcus horikoshii OT3 endowed Escherichia coli with organic solvent tolerance. Applied Microbiology and Biotechnology, 2008, 79, 443-449.	1.7	28
74	Development of an integrated automation system with a magnetic bead-mediated nucleic acid purification device for genetic analysis and gene manipulation. Biotechnology and Bioengineering, 2004, 86, 667-671.	1.7	27
75	Structural instability and divergence from conserved residues underlie intracellular retention of mammalian odorant receptors. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 2957-2967.	3.3	27
76	Development of a Novel Method for Operating Magnetic Particles, Magtration Technology, and Its Use for Automating Nucleic Acid Purification.. Journal of Bioscience and Bioengineering, 2001, 91, 500-503.	1.1	27
77	Kinetic and structural studies on roles of the serine ligand and a strictly conserved tyrosine residue in nitrile hydratase. Journal of Biological Inorganic Chemistry, 2010, 15, 655-665.	1.1	26
78	Improving the odorant sensitivity of olfactory receptor-expressing yeast with accessory proteins. Analytical Biochemistry, 2015, 471, 1-8.	1.1	26
79	Prefoldin, a jellyfish-like molecular chaperone: functional cooperation with a group II chaperonin and beyond. Biophysical Reviews, 2018, 10, 339-345.	1.5	25
80	Structural and Molecular Characterization of the Prefoldin Î² Subunit from Thermococcus Strain KS-1. Journal of Molecular Biology, 2008, 383, 465-474.	2.0	24
81	Sequential Action of ATP-dependent Subunit Conformational Change and Interaction between Helical Protrusions in the Closure of the Built-in Lid of Group II Chaperonins. Journal of Biological Chemistry, 2008, 283, 34773-34784.	1.6	24
82	Crystal Structures of the Lumazine Protein fromPhotobacterium kishitaniiin Complexes with the Authentic Chromophore, 6,7-Dimethyl- 8-(1â€²-<scp>d</scp>-Ribityl) Lumazine, and Its Analogues, Riboflavin and Flavin Mononucleotide, at High Resolution. Journal of Bacteriology, 2010, 192, 127-133.	1.0	24
83	Crystal structure of 1-deoxy-d-xylulose 5-phosphate reductoisomerase from the hyperthermophile Thermotoga maritima for insights into the coordination of conformational changes and an inhibitor binding. Journal of Structural Biology, 2010, 170, 532-539.	1.3	24
84	Molecular Cloning, Expression, and Characterization of Chaperonin-60 and Chaperonin-10 from a Thermophilic Bacterium, Thermus thermophilus HB81. Journal of Biochemistry, 1995, 118, 347-354.	0.9	23
85	F0F1-ATPase Genes from an Archaebacterium,Methanosarcina barkeri. Biochemical and Biophysical Research Communications, 1997, 241, 427-433.	1.0	23
86	Two kinds of archaeal group II chaperonin subunits with different thermostability in Thermococcus strain KS-1. Molecular Microbiology, 2002, 44, 761-769.	1.2	23
87	Structure of aspartate racemase complexed with a dual substrate analogue, citric acid, and implications for the reaction mechanism. Proteins: Structure, Function and Bioinformatics, 2008, 70, 1167-1174.	1.5	23
88	Expression and characterization of the Plasmodium translocon of the exported proteins component EXP2. Biochemical and Biophysical Research Communications, 2017, 482, 700-705.	1.0	23
89	K+is an indispensable cofactor for GrpE stimulation of ATPase activity of DnaKÂ·DnaJ complex fromThermus thermophilus. FEBS Letters, 1997, 412, 633-636.	1.3	22
90	Characterization of a Thermostable Enzyme with Phosphomannomutase/Phosphoglucomutase Activities from the Hyperthermophilic Archaeon Pyrococcus horikoshii OT3. Journal of Biochemistry, 2005, 138, 159-166.	0.9	22

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91	Functional Characterization of Recombinant Prefoldin Complexes from a Hyperthermophilic Archaeon, Thermococcus sp. Strain KS-1. Journal of Molecular Biology, 2008, 377, 972-983.	2.0	22
92	Thermodynamic and structural analysis of highly stabilized BPTIs by single and double mutations. Proteins: Structure, Function and Bioinformatics, 2009, 77, 962-970.	1.5	22
93	Analysis and Control of Protein Crystallization Using Short Peptide Tags That Change Solubility without Affecting Structure, Thermal Stability, and Function. Crystal Growth and Design, 2015, 15, 2703-2711.	1.4	22
94	The synthesis of enzyme-bound ATP by the F1-ATPase from the thermophilic bacterium PS3 in the presence of organic solvents. Biochimica Et Biophysica Acta - Bioenergetics, 1986, 850, 429-435.	0.5	21
95	Three-Dimensional Structures of OSW-1 and Its Congener. Organic Letters, 2010, 12, 5732-5735.	2.4	21
96	High resolution crystal structure of dengueâ€ envelope protein domain III suggests possible molecular mechanisms for serospecific antibody recognition. Proteins: Structure, Function and Bioinformatics, 2013, 81, 1090-1095.	1.5	21
97	Purification by Dye-Ligand Chromatography and a Crystallization Study of the F1-ATPase and Its Major Subunits, Î² and Î±, from a Thermophilic Bacterium, PS31. Journal of Biochemistry, 1991, 109, 466-471.	0.9	20
98	Recent developments in laboratory automation using magnetic particles for genome analysis. Pharmacogenomics, 2002, 3, 697-708.	0.6	20
99	Role of the N-terminal region of the crenarchaeal sHsp, StHsp14.0, in thermal-induced disassembly of the complex and molecular chaperone activity. Biochemical and Biophysical Research Communications, 2004, 315, 113-118.	1.0	20
100	Contribution of the C-terminal region to the thermostability of the archaeal group II chaperonin from Thermococcus sp. strain KS-1. Extremophiles, 2006, 10, 451-459.	0.9	20
101	Single nucleotide polymorphism genotyping of CYP2C19 using a new automated system. Analytical Biochemistry, 2007, 370, 121-123.	1.1	20
102	Modulation of Redox Potential and Alteration in Reactivity via the Peroxide Shunt Pathway by Mutation of Cytochrome P450 around the Proximal Heme Ligand. Biochemistry, 2008, 47, 4834-4842.	1.2	20
103	Timeâ€Resolved Crystallography of the Reaction Intermediate of Nitrile Hydratase: Revealing a Role for the Cysteinesulfenic Acid Ligand as a Catalytic Nucleophile. Angewandte Chemie - International Edition, 2015, 54, 10763-10767.	7.2	20
104	Interaction of a Small Heat Shock Protein of the Fission Yeast, Schizosaccharomyces pombe, with a Denatured Protein at Elevated Temperature. Journal of Biological Chemistry, 2005, 280, 32586-32593.	1.6	19
105	Anticancer saponin OSW-1 is a novel class of selective Golgi stress inducer. Bioorganic and Medicinal Chemistry Letters, 2019, 29, 1732-1736.	1.0	19
106	Structural and functional characterization of homo-oligomeric complexes of Î± and Î² chaperonin subunits from the hyperthermophilic archaeum Thermococcus strain KS-1. Journal of Molecular Biology, 2000, 299, 1399-1400.	2.0	18
107	Computational prediction and experimental characterization of a â€œsize switch type repackingâ€•during the evolution of dengue envelope protein domain III (ED3). Biochimica Et Biophysica Acta - Proteins and Proteomics, 2014, 1844, 585-592.	1.1	17
108	Anti-inflammatory activity of Tetragronula species from Indonesia. Saudi Journal of Biological Sciences, 2019, 26, 1531-1538.	1.8	17

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109	Crystal Structure of Chaperonin-60 from Paracoccus denitrificans. Journal of Molecular Biology, 2001, 312, 501-509.	2.0	16
110	Small heat shock protein of a hyperthermophilic archaeum, Thermococcus sp. strain KS-1, exists as a spherical 24 mer and its expression is highly induced under heat-stress conditions. Journal of Bioscience and Bioengineering, 2001, 92, 161-166.	1.1	16
111	Roles of conserved basic amino acid residues and activation mechanism of the hyperthermophilic aspartate racemase at high temperature. Proteins: Structure, Function and Bioinformatics, 2006, 64, 502-512.	1.5	16
112	Thermodynamic Characterization of the Interaction between Prefoldin and Group II Chaperonin. Journal of Molecular Biology, 2010, 399, 628-636.	2.0	16
113	Successful PEGylation of hollow encapsulin nanoparticles from Rhodococcus erythropolis N771 without affecting their disassembly and reassembly properties. Biomaterials Science, 2017, 5, 1082-1089.	2.6	16
114	Gene of Heat Shock Protein of Sulfur-Dependent Archaeal Hyperthermophile Desulfurococcus. Biochemical and Biophysical Research Communications, 1995, 214, 730-736.	1.0	15
115	Detection and identification of Dehalococcoides species responsible for in situ dechlorination of trichloroethene to ethene enhanced by hydrogen-releasing compounds. Biotechnology and Applied Biochemistry, 2008, 51, 1.	1.4	15
116	An improved bioluminescenceâ€based signaling assay for odor sensing with a yeast expressing a chimeric olfactory receptor. Biotechnology and Bioengineering, 2012, 109, 3143-3151.	1.7	15
117	The N-terminal region of RTP1S plays important roles in dimer formation and odorant receptor-trafficking. Journal of Biological Chemistry, 2019, 294, 14661-14673.	1.6	15
118	Characterization of Homo-oligomeric Complexes of Î± and Î² Chaperonin Subunits from the Acidothermophilic Archaeon,Sulfolobussp. Strain 7. Biochemical and Biophysical Research Communications, 1998, 242, 640-647.	1.0	14
119	Functional expression of thiocyanate hydrolase is promoted by its activator protein, P15K. FEBS Letters, 2006, 580, 4667-4672.	1.3	14
120	A novel method for direct electrochemistry of a thermoacidophilic cytochrome P450. Electrochemistry Communications, 2006, 8, 1245-1249.	2.3	14
121	Genome sequence determination and metagenomic characterization of a Dehalococcoides mixed culture grown on cis-1,2-dichloroethene. Journal of Bioscience and Bioengineering, 2015, 120, 69-77.	1.1	14
122	Catalytic Mechanism of Nitrile Hydratase Subsequent to Cyclic Intermediate Formation: A QM/MM Study. Journal of Physical Chemistry B, 2016, 120, 3259-3266.	1.2	14
123	High-resolution separation of oligonucleotides and DNA sequencing reaction products by capillary electrophoresis with linear polyacrylamide and laser-induced fluorescence detection. Journal of Separation Science, 1994, 6, 539-543.	1.0	13
124	Purification and Molecular Cloning of the Group II Chaperonin from the Acidothermophilic Archaeon,SulfolobusSp. Strain 7. Biochemical and Biophysical Research Communications, 1997, 236, 727-732.	1.0	13
125	Topological relation of chick thalamofugal visual projections with hyper pallium revealed by three color tracers. Neuroscience Research, 2005, 52, 235-242.	1.0	13
126	Structure and function of archaeal prefoldin, a co-chaperone of group II chaperonin. Frontiers in Bioscience - Landmark, 2010, 15, 708.	3.0	13

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127	Structureâ€Based Mutational Study of an Archaeal DNA Ligase towards Improvement of Ligation Activity. ChemBioChem, 2012, 13, 2575-2582.	1.3	13
128	Specificity of MicroRNA Detection on a Power-free Microfluidic Chip with Laminar Flow-assisted Dendritic Amplification. Analytical Sciences, 2017, 33, 171-177.	0.8	13
129	Asymmetry in the function and dynamics of the cytosolic group II chaperonin CCT/TRiC. PLoS ONE, 2017, 12, e0176054.	1.1	13
130	The Stabilizing Residues and the Functional Domains in the Hyperthermophilic V-ATPase ofDesulfurococcus. Biochemical and Biophysical Research Communications, 1997, 234, 341-345.	1.0	12
131	MagSNiPer: A new single nucleotide polymorphism typing method based on single base extension, magnetic separation, and chemiluminescence. Analytical Biochemistry, 2005, 341, 77-82.	1.1	12
132	The electrochemical properties of thermophilic cytochrome P450 CYP119A2 at extremely high temperatures in poly(ethylene oxide). Electrochemistry Communications, 2007, 9, 361-364.	2.3	12
133	Identification of the rate-limiting step of the peroxygenase reactions catalyzed by the thermophilic cytochrome P450 fromSulfolobusÂtokodaiistrainÂ7. FEBS Journal, 2014, 281, 1409-1416.	2.2	12
134	Functional Expression and Characterization of Tetrachloroethene Dehalogenase From Geobacter sp.. Frontiers in Microbiology, 2018, 9, 1774.	1.5	12
135	Total phenolic content and antioxidant activity of spray-dried microcapsules propolis from Tetragonula species. AIP Conference Proceedings, 2019, , .	0.3	12
136	Identification and classification of honey's authenticity by attenuated total reflectance Fourier-transform infrared spectroscopy and chemometric method. Veterinary World, 2019, 12, 1304-1310.	0.7	12
137	Concentration-Dependent Recruitment of Mammalian Odorant Receptors. ENeuro, 2020, 7, ENEURO.0103-19.2019.	0.9	12
138	Preparation ofThermus thermophilus holo-chaperonin-immobilized microspheres with high ability to facilitate protein refolding. , 2000, 68, 184-190.		11
139	Inter-Ring Communication Is Dispensable in the Reaction Cycle of Group II Chaperonins. Journal of Molecular Biology, 2014, 426, 2667-2678.	2.0	11
140	Dissection of the ATP-Dependent Conformational Change Cycle of a Group II Chaperonin. Journal of Molecular Biology, 2014, 426, 447-459.	2.0	11
141	Crystal structures of halohydrin hydrogenâ€halideâ€lyases from Corynebacterium sp. Nâ€1074. Proteins: Structure, Function and Bioinformatics, 2015, 83, 2230-2239.	1.5	11
142	Single polypeptide detection using a translocon EXP2 nanopore. Proteomics, 2022, 22, e2100070.	1.3	11
143	Solubilization of heme proteins in low polar solvents by chemical modification on a protein's surface. Polymers for Advanced Technologies, 2008, 19, 1430-1435.	1.6	10
144	Characterization of a sHsp of Schizosaccharomyces pombe, SpHsp15.8, and the implication of its functional mechanism by comparison with another sHsp, SpHsp16.0. Proteins: Structure, Function and Bioinformatics, 2009, 74, 6-17.	1.5	10

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145	Spectroscopic characterization of the acidâ€“alkaline transition of a thermophilic cytochrome P450. FEBS Letters, 2013, 587, 94-97.	1.3	10
146	A Bioanode Using Thermostable Alcohol Dehydrogenase for an Ethanol Biofuel Cell Operating at High Temperatures. Electroanalysis, 2014, 26, 682-686.	1.5	10
147	Goniothalamin enhances the ATPase activity of the molecular chaperone Hsp90 but inhibits its chaperone activity. Journal of Biochemistry, 2015, 157, 161-168.	0.9	10
148	Improvement of enantioselectivity of the B-type halohydrin hydrogen-halide-lyase from Corynebacterium sp. N-1074. Journal of Bioscience and Bioengineering, 2016, 122, 270-275.	1.1	10
149	Delignification of Oil Palm Empty Fruit Bunch using Peracetic Acid and Alkaline Peroxide Combined with the Ultrasound. International Journal of Technology, 2019, 10, 1523.	0.4	10
150	Single Site Catalysis of the F1-ATPase from Saccharomyces cerevisiae and the Effect of Inorganic Phosphate on It1. Journal of Biochemistry, 1987, 102, 273-279.	0.9	9
151	Rapid construction of a transcription map for a cosmid contig of Arabidopsis thaliana genome using a novel cDNA selection method. Plant Journal, 1997, 12, 481-487.	2.8	9
152	Multipurpose Robot for Automated Cycle Sequencing. BioTechniques, 2003, 34, 634-637.	0.8	9
153	Stability of Thermophilic Cytochrome P450 Modified with Poly(ethylene oxide) in Ionic Liquid. Chemistry Letters, 2006, 35, 798-799.	0.7	9
154	Novel catalytic activity of nitrile hydratase from Rhodococcus sp. N771. Journal of Bioscience and Bioengineering, 2008, 106, 174-179.	1.1	9
155	Biochemical characterization and cooperation with co-chaperones of heat shock protein 90 from Schizosaccharomyces pombe. Journal of Bioscience and Bioengineering, 2013, 116, 444-448.	1.1	9
156	Contribution of the C-Terminal Region of a Group II Chaperonin to its Interaction with Prefoldin and Substrate Transfer. Journal of Molecular Biology, 2016, 428, 2405-2417.	2.0	9
157	Isolation and genomic characterization of a Dehalococcoides strain suggests genomic rearrangement during culture. Scientific Reports, 2017, 7, 2230.	1.6	9
158	Protein refolding system using holo-chaperonin from the thermophilic bacterium Thermus thermophilus. Journal of Bioscience and Bioengineering, 1998, 85, 564-570.	0.9	8
159	Inversion of the anatomical lateralization of chick thalamofugal visual pathway by light experience. Neuroscience Letters, 2002, 318, 113-116.	1.0	8
160	Development of an automation system for single nucleotide polymorphisms genotyping using bio-strand, a new three-dimensional microarray. Journal of Bioscience and Bioengineering, 2005, 99, 120-124.	1.1	8
161	Dynamics of group II chaperonin and prefoldin probed by ¹³C NMR spectroscopy. Proteins: Structure, Function and Bioinformatics, 2008, 70, 1257-1263.	1.5	8
162	Automated single nucleotide polymorphism typing using bead array in capillary tube. Journal of Bioscience and Bioengineering, 2010, 110, 505-508.	1.1	8

#	Article	IF	Citations
163	Size-selective recognition of gold nanoparticles by a molecular chaperone. Chemical Physics Letters, 2010, 501, 108-112.	1.2	8
164	Structural and functional characterization of aspartate racemase from the acidothermophilic archaeon Picrophilus torridus. Extremophiles, 2016, 20, 385-393.	0.9	8
165	Development of the Handy Bio-Strand and its application to genotyping of OPRM1 (A118G). Analytical Biochemistry, 2007, 367, 79-86.	1.1	7
166	Hyperthermophilic archaeal prefoldin shows refolding activity at low temperature. Biochemical and Biophysical Research Communications, 2010, 391, 467-470.	1.0	7
167	Multiple Myelomaâ€“Associated Ig Light Chain Crystalline Cast Nephropathy. Kidney International Reports, 2020, 5, 1595-1602.	0.4	7
168	Safety Analysis Technique for System with Limited Data: Case Study of the Multipurpose Research Reactor in Indonesia. Energies, 2020, 13, 1975.	1.6	7
169	Isolation of cyanideâ€degrading bacteria and molecular characterization of its cyanideâ€degrading nitrilase. Biotechnology and Applied Biochemistry, 2022, 69, 183-189.	1.4	7
170	Crystallization and preliminary X-ray analysis of aspartate racemase fromPyrococcus horikoshiiOT3. Acta Crystallographica Section D: Biological Crystallography, 2001, 57, 1674-1676.	2.5	6
171	Development of an automated SNP analysis method using a paramagnetic beads handling robot. Biotechnology and Bioengineering, 2007, 98, 420-428.	1.7	6
172	Spectroscopic and Electrochemical Characterization of Cytochrome P450st-DDAB Films on a Plastic-Formed Carbon Electrode. Electroanalysis, 2007, 19, 561-565.	1.5	6
173	Complex formation of CdSe/ZnS/TOPO nanocrystal vs. molecular chaperone in aqueous solution by hydrophobic interaction. Journal of Luminescence, 2007, 127, 192-197.	1.5	6
174	Crystal structure of PH1733, an aspartate racemase homologue, from pyrococcus horikoshii OT3. Proteins: Structure, Function and Bioinformatics, 2009, 74, 240-244.	1.5	6
175	Adaptation of a hyperthermophilic group II chaperonin to relatively moderate temperatures. Protein Engineering, Design and Selection, 2010, 23, 393-402.	1.0	6
176	Monooxygenation by a thermophilic cytochrome P450 via direct electron donation from NADH. Metallomics, 2011, 3, 389.	1.0	6
177	StHsp14.0, a small heat shock protein of Sulfolobus tokodaii strain 7, protects denatured proteins from aggregation in the partially dissociated conformation. Journal of Biochemistry, 2011, 150, 403-409.	0.9	6
178	Amyloid oligomer detection by immobilized molecular chaperone. Biochemical Engineering Journal, 2012, 61, 28-33.	1.8	6
179	Two arginine residues in the substrate pocket predominantly control the substrate selectivity of thiocyanate hydrolase. Journal of Bioscience and Bioengineering, 2013, 116, 22-27.	1.1	6
180	NADH oxidase and alkyl hydroperoxide reductase subunit C (peroxiredoxin) fromAmphibacillus xylanus form an oligomeric assembly. FEBS Open Bio, 2015, 5, 124-131.	1.0	6

#	Article	IF	Citations
181	Characterization of group II chaperonins from an acidothermophilic archaeon PicrophilusÂtorridus. FEBS Open Bio, 2016, 6, 751-764.	1.0	6
182	Effect of the disulfide isomerase PDIa4 on the antibody production of Chinese hamster ovary cells. Journal of Bioscience and Bioengineering, 2020, 130, 637-643.	1.1	6
183	Immobilization of Cholesterol Oxidase in Chitosan Magnetite Material for Biosensor Application. International Journal of Technology, 2020, 11, 754.	0.4	6
184	Hot Spot Mutagenesis Improves the Functional Expression of Unique Mammalian Odorant Receptors. International Journal of Molecular Sciences, 2022, 23, 277.	1.8	6
185	Affinity Purification of Fusion Chaperonin Cpn60-(His)6 from Thermophilic Bacterium Bacillus Strain MS and Its Use in Facilitating Protein Refolding and Preventing Heat Denaturation. Biotechnology Progress, 2000, 16, 442-446.	1.3	5
186	Comparative analysis of the protein folding activities of two chaperonin subunits of Thermococcus strain KS-1: the effects of beryllium fluoride. Extremophiles, 2007, 11, 225-235.	0.9	5
187	Energy transfer in hybrid CdSe quantum dots vs. labelled molecular chaperone systems by imaging microscopy. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 912-915.	0.8	5
188	Formation of non-toxic AÎ² fibrils by small heat shock protein under heat-stress conditions. Biochemical and Biophysical Research Communications, 2013, 430, 1259-1264.	1.0	5
189	Expression, purification, crystallization and preliminary crystallographic analysis of hepatitis B virus core protein dimerizedviaa peptide linker containing an EGFP insertion. Acta Crystallographica Section F: Structural Biology Communications, 2013, 69, 942-945.	0.7	5
190	Crystal structures of highly simplified BPTIs provide insights into hydration-driven increase of unfolding enthalpy. Scientific Reports, 2017, 7, 41205.	1.6	5
191	Assessment, Mitigation, and Control of Potential Gas Leakage in Existing Buildings Not Designed for Gas Installation in Indonesia. Energies, 2018, 11, 2970.	1.6	5
192	Functional and structural characterization of HspB1/Hsp27 from Chinese hamster ovary cells. FEBS Open Bio, 2019, 9, 1826-1834.	1.0	5
193	Molecular chaperone prefoldin-assisted biosynthesis of gold nanoparticles with improved size distribution and dispersion. Biomaterials Science, 2019, 7, 1801-1804.	2.6	5
194	Bridging human chaperonopathies and microbial chaperonins. Communications Biology, 2019, 2, 103.	2.0	5
195	PV1 Protein from Plasmodium falciparum Exhibits Chaperone-Like Functions and Cooperates with Hsp100s. International Journal of Molecular Sciences, 2020, 21, 8616.	1.8	5
196	Liver-Oriented Acute Metabolic Effects of A Low Dose of L-Carnitine under Fat-Mobilizing Conditions: Pilot Human Clinical Trial. Journal of Nutritional Science and Vitaminology, 2020, 66, 136-149.	0.2	5
197	Small Heat Shock Protein of a Hyperthermophilic Archaeum, Thermococcus sp. Strain KS-1, Exists as a Spherical 24 mer and Its Expression Is Highly Induced under Heat-Stress Conditions. Journal of Bioscience and Bioengineering, 2001, 92, 161-166.	1.1	5
198	Development of an odorant sensor with a cell-free synthesized olfactory receptor and a graphene field-effect transistor. Analytical Sciences, 2022, 38, 241-245.	0.8	5

#	Article	IF	Citations
199	CDMOs Play a Critical Role in the Biopharmaceutical Ecosystem. Frontiers in Bioengineering and Biotechnology, 2022, 10, 841420.	2.0	5
200	Molecular Cloning and Nucleotide Sequence of the Gene Coding Photosensitive Nitrile Hydratase. Annals of the New York Academy of Sciences, 1994, 721, 158-159.	1.8	4
201	Construction of a Positive Selection Marker by a Lethal Gene with the Amber Stop Codon(s) Regulator. Bioscience, Biotechnology and Biochemistry, 2006, 70, 119-125.	0.6	4
202	A novel vector for positive selection of inserts harboring an open reading frame by translational coupling. BioTechniques, 2007, 43, 751-754.	0.8	4
203	Expression, Functional Characterization, and Preliminary Crystallization of the Cochaperone Prefoldin from the Thermophilic Fungus Chaetomium thermophilum. International Journal of Molecular Sciences, 2018, 19, 2452.	1.8	4
204	Indonesian honey protein isolation Apis dorsata dorsata and Tetragonula sp. as antibacterial and antioxidant agent. AIP Conference Proceedings, 2018, , .	0.3	4
205	Refolding of proteins by hexadecamers and monomers of the Î± and Î² subunits of group II chaperonin from the hyperthermophilic archaeum Thermococcus strain KS-1. Biochemical Engineering Journal, 2004, 18, 73-79.	1.8	3
206	Construction and characterization of the hetero-oligomer of the group II chaperonin from the hyperthermophilic archaeon, Thermococcus sp. strain KS-1. Extremophiles, 2009, 13, 437-445.	0.9	3
207	Trastuzumab-induced CCL20 and interleukin-8 mRNA in human whole blood ex vivo. Investigational New Drugs, 2009, 27, 579-582.	1.2	3
208	Quantification and improvement of error rate during ligase detection reaction. Journal of Bioscience and Bioengineering, 2010, 109, 202-204.	1.1	3
209	Single molecule FRET detection in CdSe-QD donor and Cy5-labeled molecular chaperone acceptor complex by imaging microscopy. Journal of Luminescence, 2011, 131, 519-522.	1.5	3
210	Expression, purification, crystallization and preliminary X-ray crystallographic studies of hepatitis B virus core fusion protein corresponding to octahedral particles. Acta Crystallographica Section F: Structural Biology Communications, 2013, 69, 165-169.	0.7	3
211	Single-molecule detection of chaperonin dynamics through polarization rotation modulation of CdSe QD luminescence imaging. Journal of Luminescence, 2014, 152, 88-92.	1.5	3
212	Split luciferase complementation assay for the analysis of G proteinâ€coupled receptor ligand response in Saccharomyces cerevisiae. Biotechnology and Bioengineering, 2017, 114, 1354-1361.	1.7	3
213	A method of expression for an oxygen-tolerant group III alcohol dehydrogenase from Pyrococcus horikoshii OT3. Journal of Biological Inorganic Chemistry, 2017, 22, 527-534.	1.1	3
214	Complete Genome Sequence of Petrimonas sp. Strain IBARAKI, Assembled from the Metagenome Data of a Culture Containing Dehalococcoides spp. Genome Announcements, 2018, 6, .	0.8	3
215	A zeolite as a tool for successful refolding of PEGylated proteins and their reassembly with tertiary structures. Biotechnology Progress, 2019, 35, e2853.	1.3	3
216	Immobilization of Cholesterol Oxidase from Streptomyces Sp. on Magnetite Silicon Dioxide by Crosslinking Method for Cholesterol Oxidation. Applied Biochemistry and Biotechnology, 2020, 191, 968-980.	1.4	3

#	Article	IF	Citations
217	Crystallization and preliminary X-ray characterization of chaperonin-60 from Paracoccus denitrificans. Journal of Crystal Growth, 1996, 168, 297-300.	0.7	2
218	Crystallization and preliminary X-ray characterization of archaeal group II chaperonin Î±-subunit fromThermococcusstrain KS-1. Acta Crystallographica Section D: Biological Crystallography, 2002, 58, 1830-1832.	2.5	2
219	Pretreatment of polyamide monofilament with hydrochloric acid improves sensitivity of three-dimensional microarray, Bio-Strand. Journal of Bioscience and Bioengineering, 2006, 102, 474-477.	1.1	2
220	Analysis of the interaction mode between hyperthermophilic archaeal group II chaperonin and prefoldin using a platform of chaperonin oligomers of various subunit arrangements. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2010, 1804, 1810-1816.	1.1	2
221	Molecular Chaperones in Thermophilic Eubacteria and Archaea. , 2013, , 375-394.		2
222	Time-Resolved Measurement of the ATP-Dependent Motion of the Group II Chaperonin by Diffracted Electron Tracking. International Journal of Molecular Sciences, 2018, 19, 950.	1.8	2
223	Purification and characterization of proteins in multifloral honey from kelulut bee (stingless bee). Heliyon, 2019, 5, e02835.	1.4	2
224	Split conformation of Chaetomium thermophilum Hsp104 disaggregase. Structure, 2021, 29, 721-730.e6.	1.6	2
225	Intracellular distribution of a 32-KDa calcium-dependent phospholipid-binding protein from human placenta.. Cell Structure and Function, 1989, 14, 587-595.	0.5	2
226	Isolation and Molecular Weight Characterization of Tetragonula laeviceps Honey Protein. Makara Journal of Technology, 2018, 22, 9.	0.4	2
227	Biotechnological applications of thermophilic ATP synthase: membrane electronics and genetics. Journal of Membrane Science, 1989, 41, 237-247.	4.1	1
228	Effect of Supporting Electrolytes on the Redox Potential for Thermophilic Cytochrome P450 in Poly (ethylene oxide)-For Utilization as a Catalyst for the Biocathode. Kobunshi Ronbunshu, 2006, 63, 68-70.	0.2	1
229	Quantitative discrimination of 16 S rRNA genes of Dehalococcoides species by MagSNiPer, a quantitative single-nucleotide-polymorphism genotyping method. Biotechnology and Applied Biochemistry, 2008, 51, 111.	1.4	1
230	A Dried Tofu-Supplemented Diet Affects mRNA Expression of Inflammatory Cytokines in Human Blood. Journal of Nutritional Science and Vitaminology, 2010, 56, 396-410.	0.2	1
231	Structure and Function of Small Heat Shock Proteins from the Magnetotactic Bacterium Magnetospirillum magneticum AMB-1. Kobunshi Ronbunshu, 2010, 67, 698-704.	0.2	1
232	Expression and the Functional Study of Fusion Proteins Î±-Amylase and Hemolysin- Î±as an Application in Biofilm Polysaccharide Degradation. Makara Journal of Technology, 2016, 20, 127.	0.4	1
233	Optimization in expression and purification of modified apoptin as selective anti-cancer therapy. AIP Conference Proceedings, 2017, , .	0.3	1
234	å¾®ç”Ÿç‰©ã‚³ãƒ³ãƒ¼ãƒˆã,¢ã,'å^©ç”¨ã•–ã¥ãƒ•ã,ªãƒ¬ãƒ‡ã,£ã,¨ãƒ¼ã,·ãƒ§ãƒ³ã®æœè¨Ž. Kagaku To Seibutsu, 2020, 58, 369-37	0.0	1

#	Article	IF	Citations
235	Rapid Multiplex Single Nucleotide Polymorphism Genotyping Based on Single Base Extension Reactions and Color-Coded Beads. Journal of Bioscience and Bioengineering, 2002, 94, 368-370.	1.1	1
236	S2e1-5 Molecular chaperones that function for the folding and maintenance of hyperthermophilic proteins(S2-e1: "Universality and diversity on the protein-folding problem",Symposia,Abstract,Meeting) Tj ETQq0 0 0 rgBT /Overlock 10	0.0	0
237	2P094 Localization of Prefoldin Interaction Sites in Group II Chaperonin and Correlations between Binding Rate and Protein Transfer Rate(31. Protein folding and misfolding (II),Poster) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 65	0.0	0
238	2P020 Crystal Structure of Prefoldin beta Subunits Oligomer(Proteins-structure and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td (struc	0.0	0
239	2P018 X-ray Crystal Structure Analysis of a Small Heat-Shock Protein, StHsp14.0(Proteins-structure) Tj ETQq1 1 0.784314 rgBT /Overlock	0.0	0
240	Crystallization and heavy-atom derivatization of StHsp14.0, a small heat-shock protein fromSulfolobus tokodaii. Acta Crystallographica Section F: Structural Biology Communications, 2009, 65, 1007-1010.	0.7	0
241	Interaction between Molecular Chaperone Prefoldin with Group II Chaperonin in the Presence of Nucleotides: Implication for Substrate Transfer Mechanism from Prefoldin to Chaperonin. Biophysical Journal, 2009, 96, 434a.	0.2	0
242	3P055 EXPERIMENTAL ANALYSIS OF BPTI VARIANTS STABILIZED BY SINGLE AND DOUBLE MUTATIONS.(Protein:) Tj ETQq0 0 0 rgBT /Ove	0.0	0
243	1P088 1F1240 ATP-induced Dynamic Motion of Group II Chaperonin Detected by Diffracted X-ray Tracking(Protein:Measurement & Analysis,Oral Presentations,The 48th Annual Meeting of the) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.0	0
244	2P005 1F1505 A hetero-seeding strategy for crystallizing protein variants difficult to crystallize(The) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.0	0
245	Semi-quantitative discrimination of HBV mutants using allele-specific oligonucleotide hybridization with Handy Bio-Strand. Journal of Bioscience and Bioengineering, 2010, 109, 94-100.	1.1	0
246	1P016 Biophysical characterization of highly active recombinant Gaussia luciferase expressed in Escherichia coli(Protein:Structure,The 48th Annual Meeting of the Biophysical Society of Japan). Seibutsu Butsuri, 2010, 50, S21.	0.0	0
247	2P079 Small-angle X-ray scattering of group II chaperonin in cooperation with prefoldin(The 48th) Tj ETQq1 1 0.784314 rgBT /Overlock	0.0	0
248	Crystal Structures of the Lumazine Protein from Photobacterium kishitanii in Complexes with the Authentic Chromophore, 6,7-Dimethyl-8-(1â€²- <scp>d</scp> -Ribityl) Lumazine, and Its Analogues, Riboflavin and Flavin Mononucleotide, at High Resolution. Journal of Bacteriology, 2010, 192, 1749-1749.	1.0	0
249	The Intra Dynamics of Group II Chaperonin Detected by Diffracted X-Ray Tracking Method. Biophysical Journal, 2010, 98, 187a-188a.	0.2	0
250	Direct Observation of Torsional Motion of Group II Chaperonin. Biophysical Journal, 2011, 100, 390a.	0.2	0
251	2G1548 Chaperone activity and structural change in a small heat shock protein, StHsp14.0(Protein:) Tj ETQq1 1 0.784314 rgBT /Over S86.	0.0	0
252	Chaperonin-Ring's Twist is Critical for Folding Activity of Group II Chaperonin. Biophysical Journal, 2012, 102, 59a-60a.	0.2	0

#	Article	IF	Citations
253	Three-Dimensional Picometer-Scale Motions in Aqueous Solution Visualized by Diffracted Electron Tracking. Biophysical Journal, 2013, 104, 526a.	0.2	0
254	Cooperative Motion of a Multi-Subunit Protein Visualized by X-Ray Single Molecule Tracking. Biophysical Journal, 2013, 104, 572a.	0.2	0
255	Apoptin gene optimization in Escherichia coli. AIP Conference Proceedings, 2019, , .	0.3	0
256	Oligomeric Structural Transition of HspB1 from Chinese Hamster. International Journal of Molecular Sciences, 2021, 22, 10797.	1.8	0
257	Mechanism in Conformational Change of Group II Chaperonin. FASEB Journal, 2009, 23, 850.5.	0.2	0
258	Gene expression informatics with an automatic histogram-type membership function for non-uniform data. Chem-Bio Informatics Journal, 2010, 10, 13-23.	0.1	0
259	Protein-Folding Systems. , 0, , 209-223.		0
260	Gene Structure and Function of Thermophilic ATP Synthase. , 1989, , 3-8.		0
261	Aspartate Racemase: Function, Structure, and Reaction Mechanism. , 2016, , 323-337.		0