

Yoshihisa Hagihara

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5257949/publications.pdf>

Version: 2024-02-01

125
papers

4,719
citations

87723

38
h-index

110170

64
g-index

128
all docs

128
docs citations

128
times ranked

5950
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping the core of the β 2-microglobulin amyloid fibril by H/D exchange. <i>Nature Structural Biology</i> , 2002, 9, 332-336.	9.7	310
2	Molten Globule of Cytochrome c Studied by Small Angle X-ray Scattering. <i>Journal of Molecular Biology</i> , 1993, 229, 591-596.	2.0	239
3	Comparison of the Conformational Stability of the Molten Globule and Native States of Horse Cytochrome c. <i>Journal of Molecular Biology</i> , 1994, 237, 336-348.	2.0	174
4	Association of zinc ion release and oxidative stress induced by intratracheal instillation of ZnO nanoparticles to rat lung. <i>Chemico-Biological Interactions</i> , 2012, 198, 29-37.	1.7	158
5	Association of the physical and chemical properties and the cytotoxicity of metal oxide nanoparticles: metal ion release, adsorption ability and specific surface area. <i>Metallomics</i> , 2012, 4, 350.	1.0	156
6	Guanidine Hydrochloride-induced Folding of Proteins. <i>Journal of Molecular Biology</i> , 1993, 231, 180-184.	2.0	140
7	Acid-induced unfolding and refolding transitions of cytochrome c: A three-state mechanism in water and deuterium oxide. <i>Biochemistry</i> , 1993, 32, 11878-11885.	1.2	123
8	Investigation of a Peptide Responsible for Amyloid Fibril Formation of β 2-Microglobulin by <i>Achromobacter</i> Protease I. <i>Journal of Biological Chemistry</i> , 2002, 277, 1310-1315.	1.6	116
9	Amyloid Fibril Formation in the Context of Full-length Protein. <i>Journal of Biological Chemistry</i> , 2003, 278, 47016-47024.	1.6	112
10	α -Tocopherol suppresses lipid peroxidation and behavioral and cognitive impairments in the Ts65Dn mouse model of Down syndrome. <i>Free Radical Biology and Medicine</i> , 2011, 50, 1801-1811.	1.3	112
11	Molecular dissection of IZUMO1, a sperm protein essential for sperm-egg fusion. <i>Development (Cambridge)</i> , 2013, 140, 3221-3229.	1.2	102
12	Photothermic regulation of gene expression triggered by laser-induced carbon nanohorns. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 7523-7528.	3.3	96
13	Stabilization of an Immunoglobulin Fold Domain by an Engineered Disulfide Bond at the Buried Hydrophobic Region. <i>Journal of Biological Chemistry</i> , 2007, 282, 36489-36495.	1.6	91
14	The role of disulfide bond in the amyloidogenic state of β 2-microglobulin studied by heteronuclear NMR. <i>Protein Science</i> , 2009, 11, 2218-2229.	3.1	91
15	Cellular responses induced by cerium oxide nanoparticles: induction of intracellular calcium level and oxidative stress on culture cells. <i>Journal of Biochemistry</i> , 2011, 150, 461-471.	0.9	88
16	Oocyte-triggered dimerization of sperm IZUMO1 promotes sperm-egg fusion in mice. <i>Nature Communications</i> , 2015, 6, 8858.	5.8	87
17	The Intrachain Disulfide Bond of β 2-Microglobulin Is Not Essential for the Immunoglobulin Fold at Neutral pH, but Is Essential for Amyloid Fibril Formation at Acidic pH. <i>Journal of Biochemistry</i> , 2002, 131, 45-52.	0.9	86
18	Assessment of antioxidant capacity for scavenging free radicals in vitro: A rational basis and practical application. <i>Free Radical Biology and Medicine</i> , 2012, 52, 1242-1252.	1.3	82

#	ARTICLE	IF	CITATIONS
19	Mechanism of the conformational transition of melittin. <i>Biochemistry</i> , 1992, 31, 732-738.	1.2	76
20	Attenuation of lipopolysaccharide (LPS)-induced cytotoxicity by tocopherols and tocotrienols. <i>Redox Biology</i> , 2013, 1, 97-103.	3.9	69
21	Carbon nanotube-liposome supramolecular nanotrains for intelligent molecular-transport systems. <i>Nature Communications</i> , 2012, 3, 1226.	5.8	68
22	Trifluoroethanol-induced conformational transition of hen egg-white lysozyme studied by small-angle X-ray scattering. <i>FEBS Letters</i> , 1997, 416, 72-76.	1.3	62
23	Comparison of acute oxidative stress on rat lung induced by nano and fine-scale, soluble and insoluble metal oxide particles: NiO and TiO ₂ . <i>Inhalation Toxicology</i> , 2012, 24, 391-400.	0.8	61
24	Fatty liver induced by free radicals and lipid peroxidation. <i>Free Radical Research</i> , 2012, 46, 758-765.	1.5	61
25	Engineering disulfide bonds within an antibody. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 2016-2023.	1.1	61
26	Tertiary Structure and Carbohydrate Recognition by the Chitin-Binding Domain of a Hyperthermophilic Chitinase from <i>Pyrococcus furiosus</i> . <i>Journal of Molecular Biology</i> , 2008, 381, 670-680.	2.0	59
27	Oxidation of archaeal peroxiredoxin involves a hypervalent sulfur intermediate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 6238-6242.	3.3	57
28	Plasmin Can Reduce the Function of Human β 2-Glycoprotein I by Cleaving Domain V Into a Nicked Form. <i>Blood</i> , 1998, 91, 4173-4179.	0.6	54
29	Heat denaturation of the antibody, a multi-domain protein. <i>Biophysical Reviews</i> , 2018, 10, 255-258.	1.5	54
30	Evolutionarily conserved sperm factors, DCST1 and DCST2, are required for gamete fusion. <i>ELife</i> , 2021, 10, .	2.8	51
31	Singlet Oxygen Induced Products of Linoleates, 10- and 12-(Z,E)-Hydroxyoctadecadienoic Acids (HODE), Can Be Potential Biomarkers for Early Detection of Type 2 Diabetes. <i>PLoS ONE</i> , 2013, 8, e63542.	1.1	49
32	A Photo-Thermal-Electrical Converter Based On Carbon Nanotubes for Bioelectronic Applications. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 12266-12270.	7.2	46
33	Charge repulsion in the conformational stability of melittin. <i>Biochemistry</i> , 1992, 31, 11908-11914.	1.2	45
34	Thermal unfolding of tetrameric melittin: Comparison with the molten globule state of cytochrome <i>c</i> . <i>Protein Science</i> , 1994, 3, 1418-1429.	3.1	45
35	Role of the N- and C-Terminal Domains of Bovine β 2-Glycoprotein I in Its Interaction with Cardiolipin1. <i>Journal of Biochemistry</i> , 1995, 118, 129-136.	0.9	45
36	Identification of the Phospholipid-binding Site of Human β 2-Glycoprotein I Domain V by Heteronuclear Magnetic Resonance. <i>Journal of Molecular Biology</i> , 2000, 304, 927-939.	2.0	45

#	ARTICLE	IF	CITATIONS
37	Enzyme Hyperactivation System Based on a Complementary Charged Pair of Polyelectrolytes and Substrates. <i>Langmuir</i> , 2014, 30, 3826-3831.	1.6	44
38	Aggregation of \hat{I}^{22} -Glycoprotein I Induced by Sodium Lauryl Sulfate and Lysophospholipids. <i>Biochemistry</i> , 2002, 41, 1020-1026.	1.2	42
39	Structural studies reveal that the diverse morphology of \hat{I}^{22} -microglobulin aggregates is a reflection of different molecular architectures. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2005, 1753, 108-120.	1.1	39
40	Evaluation of cellular influences of platinum nanoparticles by stable medium dispersion. <i>Metallomics</i> , 2011, 3, 1244.	1.0	39
41	Breakdown of supersaturation barrier links protein folding to amyloid formation. <i>Communications Biology</i> , 2021, 4, 120.	2.0	39
42	Highly efficient production of VHH antibody fragments in <i>Brevibacillus choshinensis</i> expression system. <i>Protein Expression and Purification</i> , 2015, 105, 23-32.	0.6	35
43	Chain-like conformation of heat-denatured ribonuclease A and cytochrome c as evidenced by solution X-ray scattering. <i>Folding & Design</i> , 1998, 3, 195-201.	4.5	34
44	Toward development of a screen to identify randomly encoded, foldable sequences. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 6619-6624.	3.3	34
45	Evaluation of cellular influences induced by stable nanodiamond dispersion; the cellular influences of nanodiamond are small. <i>Diamond and Related Materials</i> , 2012, 24, 15-24.	1.8	34
46	Heat-induced Irreversible Denaturation of the Camelid Single Domain VHH Antibody Is Governed by Chemical Modifications. <i>Journal of Biological Chemistry</i> , 2014, 289, 15666-15679.	1.6	34
47	Ascorbic acid attenuates acute pulmonary oxidative stress and inflammation caused by zinc oxide nanoparticles. <i>Journal of Occupational Health</i> , 2015, 57, 118-125.	1.0	34
48	Evaluation of cellular influences caused by calcium carbonate nanoparticles. <i>Chemico-Biological Interactions</i> , 2014, 210, 64-76.	1.7	33
49	\hat{I}^{\pm} -Tocopheryl phosphate: Uptake, hydrolysis, and antioxidant action in cultured cells and mouse. <i>Free Radical Biology and Medicine</i> , 2011, 50, 1794-1800.	1.3	32
50	Enhancement of lipid peroxidation and its amelioration by vitamin E in a subject with mutations in the SBP2 gene. <i>Journal of Lipid Research</i> , 2015, 56, 2172-2182.	2.0	30
51	Oxidation and interaction of DJ-1 with 20S proteasome in the erythrocytes of early stage Parkinson's disease patients. <i>Scientific Reports</i> , 2016, 6, 30793.	1.6	30
52	Flexible Loop of \hat{I}^{22} -Glycoprotein I Domain V Specifically Interacts with Hydrophobic Ligands. <i>Biochemistry</i> , 2001, 40, 8092-8100.	1.2	28
53	Crystal structure of thioredoxin peroxidase from aerobic hyperthermophilic archaeon <i>Aeropyrum pernix</i> K1. <i>Proteins: Structure, Function and Bioinformatics</i> , 2005, 62, 822-826.	1.5	27
54	Isolation and characterization of antigen-specific alpaca (<i>Lama pacos</i>) VHH antibodies by biopanning followed by high-throughput sequencing. <i>Journal of Biochemistry</i> , 2015, 158, 205-215.	0.9	26

#	ARTICLE	IF	CITATIONS
55	Rotatable Reagent Cartridge for High-Performance Microvalve System on a Centrifugal Microfluidic Device. <i>Analytical Chemistry</i> , 2013, 85, 6587-6592.	3.2	25
56	Structure of the catalytic domain of the hyperthermophilic chitinase from <i>Pyrococcus furiosus</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2007, 63, 7-11.	0.7	24
57	Singlet-oxygen-derived products from linoleate activate Nrf2 signaling in skin cells. <i>Free Radical Biology and Medicine</i> , 2015, 79, 164-175.	1.3	24
58	Development of an on-site rapid real-time polymerase chain reaction system and the characterization of suitable DNA polymerases for TaqMan probe technology. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 5641-5649.	1.9	24
59	The role of intra-domain disulfide bonds in heat-induced irreversible denaturation of camelid single domain VHH antibodies. <i>Journal of Biochemistry</i> , 2016, 159, 111-121.	0.9	24
60	Screening for Stable Mutants with Amino Acid Pairs Substituted for the Disulfide Bond between Residues 14 and 38 of Bovine Pancreatic Trypsin Inhibitor (BPTI). <i>Journal of Biological Chemistry</i> , 2002, 277, 51043-51048.	1.6	23
61	Evaluation of biological activities of a groundnut (<i>Apios americana</i> Medik) extract containing a novel isoflavone. <i>Food Chemistry</i> , 2013, 138, 298-305.	4.2	23
62	Capacity of fucoxanthin for scavenging peroxy radicals and inhibition of lipid peroxidation in model systems. <i>Free Radical Research</i> , 2012, 46, 1406-1412.	1.5	21
63	Ultrasonication-dependent formation and degradation of β -synuclein amyloid fibrils. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2015, 1854, 209-217.	1.1	21
64	On-site identification of meat species in processed foods by a rapid real-time polymerase chain reaction system. <i>Meat Science</i> , 2017, 131, 56-59.	2.7	21
65	The amyloid fibrils of the constant domain of immunoglobulin light chain. <i>FEBS Letters</i> , 2010, 584, 3348-3353.	1.3	20
66	Reactivity toward oxygen radicals and antioxidant action of thiol compounds. <i>BioFactors</i> , 2012, 38, 240-248.	2.6	20
67	Lysine pyrrolation is a naturally-occurring covalent modification involved in the production of DNA mimic proteins. <i>Scientific Reports</i> , 2014, 4, 5343.	1.6	20
68	Anti-survivin single-domain antibodies derived from an artificial library including three synthetic random regions by <i>in vitro</i> selection using cDNA display. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 2054-2060.	1.0	20
69	Cellular Quality Control Screening to Identify Amino Acid Pairs for Substituting the Disulfide Bonds in Immunoglobulin Fold Domains. <i>Journal of Biological Chemistry</i> , 2005, 280, 24752-24758.	1.6	18
70	A Novel Role for β -Tocopherol Transfer Protein (β -TTP) in Protecting against Chloroquine Toxicity. <i>Journal of Biological Chemistry</i> , 2012, 287, 2926-2934.	1.6	17
71	Design and assessment of an active anti-epidermal growth factor receptor (EGFR) single chain variable fragment (ScFv) with improved solubility. <i>Biochemical and Biophysical Research Communications</i> , 2019, 508, 1043-1049.	1.0	17
72	Capacity of peroxy radical scavenging and inhibition of lipid peroxidation by β -carotene, lycopene, and commercial tomato juice. <i>Food and Function</i> , 2012, 3, 1153.	2.1	16

#	ARTICLE	IF	CITATIONS
73	Evaluation of the biological influence of a stable carbon nanohorn dispersion. <i>Carbon</i> , 2013, 54, 155-167.	5.4	16
74	An open sandwich immunoassay for detection of 13(R,S)-hydroxy-9(E),11(E)-octadecadienoic acid. <i>Analyst</i> , The, 2017, 142, 787-793.	1.7	16
75	The immunogenicity of an anti-EGFR single domain antibody (VHH) is enhanced by misfolded amorphous aggregation but not by heat-induced aggregation. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 152, 164-174.	2.0	16
76	Oxidative stress is involved in fatigue induced by overnight deskwork as assessed by increase in plasma tocopherylhydroquinone and hydroxycholesterol. <i>Biological Psychology</i> , 2013, 94, 527-533.	1.1	15
77	Generation of a patterned co-culture system composed of adherent cells and immobilized nonadherent cells. <i>Acta Biomaterialia</i> , 2016, 31, 231-240.	4.1	15
78	Ascorbic acid prevents zinc oxide nanoparticle-induced intracellular oxidative stress and inflammatory responses. <i>Toxicology and Industrial Health</i> , 2017, 33, 687-695.	0.6	15
79	Probucol-Induced α -Tocopherol Deficiency Protects Mice against Malaria Infection. <i>PLoS ONE</i> , 2015, 10, e0136014.	1.1	14
80	Cellular effects of industrial metal nanoparticles and hydrophilic carbon black dispersion. <i>Journal of Toxicological Sciences</i> , 2014, 39, 897-907.	0.7	13
81	Heat-Induced Aggregation of Hen Ovalbumin Suggests a Key Factor Responsible for Serpin Polymerization. <i>Biochemistry</i> , 2018, 57, 5415-5426.	1.2	13
82	Cytotoxicity of CdSe-based quantum dots incorporated in glass nanoparticles evaluated using human keratinocyte HaCaT cells. <i>Bioscience, Biotechnology and Biochemistry</i> , 2016, 80, 210-213.	0.6	11
83	Multicomponent Coculture System of Cancer Cells and Two Types of Stromal Cells for In Vitro Evaluation of Anticancer Drugs. <i>Tissue Engineering - Part C: Methods</i> , 2016, 22, 20-29.	1.1	11
84	Rapid Enzyme-linked Immunosorbent Assays for Diagnosis of Diabetes in a Compact Disc-shaped Microfluidic Device. <i>Analytical Sciences</i> , 2018, 34, 379-382.	0.8	11
85	Crystallization and preliminary X-ray diffraction analysis of thioredoxin peroxidase from the aerobic hyperthermophilic archaeon <i>Aeropyrum pernix</i> K1. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2005, 61, 323-325.	0.7	10
86	Crystallization and preliminary X-ray diffraction analysis of a chitin-binding domain of hyperthermophilic chitinase from <i>Pyrococcus furiosus</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2005, 61, 476-478.	0.7	10
87	Analysis of the Putative Substrate Binding Region of Hyperthermophilic Endoglucanase from <i>Pyrococcus horikoshii</i> . <i>Bioscience, Biotechnology and Biochemistry</i> , 2007, 71, 2585-2587.	0.6	10
88	In vitro evaluation of cellular influences induced by stable fullerene C70 medium dispersion: Induction of cellular oxidative stress. <i>Chemosphere</i> , 2013, 93, 1182-1188.	4.2	10
89	Improvement of Single Domain Antibody Stability by Disulfide Bond Introduction. <i>Methods in Molecular Biology</i> , 2012, 911, 399-416.	0.4	9
90	Evaluation of cellular effects of silicon dioxide nanoparticles. <i>Toxicology Mechanisms and Methods</i> , 2014, 24, 196-203.	1.3	8

#	ARTICLE	IF	CITATIONS
91	Identification of novel peptides from amphibian (<i>Xenopus tropicalis</i>) skin by direct tissue MALDI-MS analysis. <i>FEBS Journal</i> , 2015, 282, 102-113.	2.2	8
92	Thioflavin T-Silent Denaturation Intermediates Support the Main-Chain-Dominated Architecture of Amyloid Fibrils. <i>Biochemistry</i> , 2016, 55, 3937-3948.	1.2	8
93	Structure and Function of β_2 -Glycoprotein I: With Special Reference to the Interaction with Phospholipid. <i>Lupus</i> , 1995, 4, S3-S5.	0.8	7
94	The induction of lipid peroxidation during the acute oxidative stress response induced by intratracheal instillation of fine crystalline silica particles in rats. <i>Toxicology and Industrial Health</i> , 2016, 32, 1430-1437.	0.6	7
95	Changes in Cell Adhesiveness and Physicochemical Properties of Cross-Linked Albumin Films after Ultraviolet Irradiation. <i>Langmuir</i> , 2016, 32, 203-210.	1.6	7
96	Amyloid fibril formation by the CAD domain of caspase-activated DNase. <i>Biopolymers</i> , 2005, 79, 39-47.	1.2	6
97	Crystallization and X-ray diffraction analysis of a catalytic domain of hyperthermophilic chitinase from <i>Pyrococcus furiosus</i> . <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2006, 62, 791-793.	0.7	6
98	The Expression of Inflammatory Cytokine and Heme Oxygenase-1 Genes in THP-1 Cells Exposed to Metal Oxide Nanoparticles. <i>Journal of Nano Research</i> , 2015, 30, 116-127.	0.8	6
99	Probucol induces the generation of lipid peroxidation products in erythrocytes and plasma of male cynomolgus macaques. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2019, 64, 129-142.	0.6	6
100	Immune response with long-term memory triggered by amorphous aggregates of misfolded anti-EGFR VHH-7D12 is directed against the native VHH-7D12 as well as the framework of the analogous VHH-9G8. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 165, 13-21.	2.0	6
101	Early diagnosis of type 2 diabetes based on multiple biomarkers and non-invasive indices. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2018, 62, 187-194.	0.6	5
102	Desorption/Ionization Efficiency of Peptides Containing Disulfide Bonds in Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry. <i>Analytical Sciences</i> , 2012, 28, 295-299.	0.8	4
103	Physicochemical and biological characterizations of Pxt peptides from amphibian (<i>Xenopus tropicalis</i>) skin. <i>Journal of Biochemistry</i> , 2016, 159, 619-629.	0.9	4
104	Enhanced in-cell folding of reversibly cationized transcription factor using amphipathic peptide. <i>Journal of Bioscience and Bioengineering</i> , 2017, 123, 419-424.	1.1	4
105	Anti-EGFR VHH Antibody under Thermal Stress Is Better Solubilized with a Lysine than with an Arginine SEP Tag. <i>Biomolecules</i> , 2021, 11, 810.	1.8	4
106	Tight junction stabilization prevents HepaRG cell death in drug-induced intrahepatic cholestasis. <i>Biology Open</i> , 2021, 10, .	0.6	4
107	Stress-activated leukocyte 12/15-lipoxygenase metabolite enhances struggle behaviour and tocotrienols relieve stress-induced behaviour alteration. <i>Free Radical Biology and Medicine</i> , 2021, 175, 171-183.	1.3	4
108	Plasmin Can Reduce the Function of Human β_2 Glycoprotein I by Cleaving Domain V Into a Nicked Form. <i>Blood</i> , 1998, 91, 4173-4179.	0.6	4

#	ARTICLE	IF	CITATIONS
109	NMR assignment of the chitin-binding domain of a hyperthermophilic chitinase from <i>Pyrococcus furiosus</i> . <i>Journal of Biomolecular NMR</i> , 2006, 36, 70-70.	1.6	3
110	Ionization efficiency of α -helical peptides in laser desorption/ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2009, 44, 1119-1123.	0.7	3
111	Structural Basis of α -Catenin Recognition by EspB from Enterohaemorrhagic <i>E. coli</i> Based on Hybrid Strategy Using Low-Resolution Structural and Protein Dissection. <i>PLoS ONE</i> , 2013, 8, e71618.	1.1	3
112	Facile immunostaining and labeling of nonadherent cells using a microfluidic device to entrap the cells. <i>Journal of Bioscience and Bioengineering</i> , 2014, 117, 375-378.	1.1	3
113	Effect of phospholipids on conformational structure of bovine pancreatic trypsin inhibitor (BPTI) and its thermolabile mutants. <i>Biopolymers</i> , 2008, 89, 873-880.	1.2	2
114	Switching of cell fate through the regulation of cell growth during drug-induced intrahepatic cholestasis. <i>Journal of Bioscience and Bioengineering</i> , 2020, 130, 659-665.	1.1	2
115	Demand for the Early Detection of Diabetic Risk at Annual Health Examinations and A Probable Solution. <i>Journal of Diabetes & Metabolism</i> , 2015, 06, .	0.2	1
116	Crystal structure of hyperthermostable thioredoxin peroxidase from <i>Aeropyrum pernix</i> K1. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2005, 61, c262-c262.	0.3	1
117	Three Dimensional Structure of Sushi Domains.. <i>Japanese Journal of Thrombosis and Hemostasis</i> , 1999, 10, 457-462.	0.1	1
118	Quantitative understanding of HepaRG cells during drug-induced intrahepatic cholestasis through changes in bile canaliculi dynamics. <i>Pharmacology Research and Perspectives</i> , 2022, 10, .	1.1	1
119	Identification of the Region Responsible for Fibril Formation in the CAD Domain of Caspase-Activated DNase. <i>Journal of Biochemistry</i> , 2005, 138, 815-819.	0.9	0
120	Hypervalent intermediate of archaeal peroxiredoxin. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2008, 64, C254-C254.	0.3	0
121	Acute pulmonary oxidative stress and inflammation caused by zinc oxide nanoparticles were prevented by vitamin C. <i>Toxicology Letters</i> , 2014, 229, S239.	0.4	0
122	Recent advances in antibody engineering. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 1889-1890.	1.1	0
123	PCR-based approach for site-specific conjugation of long double-stranded DNA to a single-domain VHH antibody. <i>Journal of Biochemistry</i> , 2020, 168, 63-72.	0.9	0
124	Noninvasive Evaluation of HepaRG Aggregates during Drug-Induced Intrahepatic Cholestasis Using Optical Coherence Tomography. <i>Advanced Biology</i> , 2021, 5, 2000198.	1.4	0
125	3P-008 The ability of fibril formation of the constant domain of immunoglobulin light chain in comparison with β 2-microglobulin(The 46th Annual Meeting of the Biophysical Society of Japan). <i>Seibutsu Butsuri</i> , 2008, 48, S129.	0.0	0