

Kyeong Kyu Kim

List of Publications by Year in descending order

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165
papers

4,176
citations

136950

32
h-index

155660

55
g-index

171
all docs

171
docs citations

171
times ranked

5302
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of Novel Drug-Resistant Human Cytomegalovirus DNA Polymerase Mutations Reveals the Role of a DNA-Binding Loop in Phosphonoformic Acid Resistance. <i>Frontiers in Microbiology</i> , 2022, 13, 771978.	3.5	7
2	Dual functional roles of a novel bifunctional β -lactamase/esterase from <i>Lactococcus garvieae</i> . <i>International Journal of Biological Macromolecules</i> , 2022, 206, 203-212.	7.5	3
3	Interaction of Prion Peptides with DNA Structures. <i>ACS Omega</i> , 2022, 7, 176-186.	3.5	1
4	Sequence Analysis and Preliminary X-ray Crystallographic Analysis of an Acetylcysteine Esterase (LgEstI) from <i>Lactococcus garvieae</i> . <i>Crystals</i> , 2022, 12, 46.	2.2	3
5	Identification, Characterization, and Preliminary X-ray Diffraction Analysis of a Novel Esterase (ScEst) from <i>Staphylococcus chromogenes</i> . <i>Crystals</i> , 2022, 12, 546.	2.2	1
6	Functional and Structural Changes in the Membrane-Bound O-Acyltransferase Family Member 7 (MBOAT7) Protein: The Pathomechanism of a Novel MBOAT7 Variant in Patients With Intellectual Disability. <i>Frontiers in Neurology</i> , 2022, 13, 836954.	2.4	7
7	Generation of a Pure Culture of Neuron-like Cells with a Glutamatergic Phenotype from Mouse Astrocytes. <i>Biomedicines</i> , 2022, 10, 928.	3.2	5
8	Targeted epigenetic modulation using a DNA-based histone deacetylase inhibitor enhances cardiomyogenesis in mouse embryonic stem cells. <i>Journal of Cellular Physiology</i> , 2021, 236, 3946-3962.	4.1	3
9	Sphingosylphosphorylcholine blocks ovariectomy-induced bone loss by suppressing Ca ²⁺ /calmodulin-mediated osteoclast differentiation. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 473-483.	3.6	4
10	Purification and Crystallographic Analysis of a Novel Cold-Active Esterase (HaEst1) from <i>Halocynthiaibacter arcticus</i> . <i>Crystals</i> , 2021, 11, 170.	2.2	2
11	An Antibacterial Nanorobotic Approach for the Specific Targeting and Removal of Multiple Drug-Resistant <i>Staphylococcus aureus</i> . <i>Small</i> , 2021, 17, e2100257.	10.0	20
12	The effect of hairpin loop on the structure and gene expression activity of the long-loop G-quadruplex. <i>Nucleic Acids Research</i> , 2021, 49, 10689-10706.	14.5	12
13	AC-motif: a DNA motif containing adenine and cytosine repeat plays a role in gene regulation. <i>Nucleic Acids Research</i> , 2021, 49, 10150-10165.	14.5	14
14	FtsH Sensitizes Methicillin-Resistant <i>Staphylococcus aureus</i> to β -Lactam Antibiotics by Degrading YpfP, a Lipoteichoic Acid Synthesis Enzyme. <i>Antibiotics</i> , 2021, 10, 1198.	3.7	8
15	MD-TSPC4: Computational Method for Predicting the Thermal Stability of I-Motif. <i>International Journal of Molecular Sciences</i> , 2021, 22, 61.	4.1	2
16	Roles of Two-Component Systems in <i>Pseudomonas aeruginosa</i> Virulence. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12152.	4.1	51
17	Characterization and Immobilization of a Novel SCNH Family Esterase (LaSGNH1) from <i>Lactobacillus acidophilus</i> NCFM. <i>International Journal of Molecular Sciences</i> , 2020, 21, 91.	4.1	11
18	Identification, characterization, and immobilization of a novel YbfF esterase from <i>Halomonas elongata</i> . <i>International Journal of Biological Macromolecules</i> , 2020, 165, 1139-1148.	7.5	8

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19	Improved differentiation of human adipose stem cells to insulin-producing β^2 -like cells using PDGFR kinase inhibitor Tyrphostin9. <i>Biochemical and Biophysical Research Communications</i> , 2020, 533, 132-138.	2.1	5
20	Proline Hinged Amphipathic β -Helical Peptide Sensitizes Gram-Negative Bacteria to Various Gram-Positive Antibiotics. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 14937-14950.	6.4	27
21	Exosome-Mediated Differentiation of Mouse Embryonic Fibroblasts and Exocrine Cells into β^2 -Like Cells and the Identification of Key miRNAs for Differentiation. <i>Biomedicines</i> , 2020, 8, 485.	3.2	6
22	Pontin arginine methylation by CARM1 is crucial for epigenetic regulation of autophagy. <i>Nature Communications</i> , 2020, 11, 6297.	12.8	36
23	Molecular Packing Interaction in DNA Crystals. <i>Crystals</i> , 2020, 10, 1093.	2.2	3
24	Draft Genome Sequences of Lysostaphin-Resistant (K07-204) and Lysostaphin-Susceptible (K07-561) <i>Staphylococcus aureus</i> Sequence Type 72 Strains Isolated from Patients in South Korea. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	2
25	Functional Identification of Serine Hydroxymethyltransferase as a Key Gene Involved in Lysostaphin Resistance and Virulence Potential of <i>Staphylococcus aureus</i> Strains. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9135.	4.1	9
26	Crystallization and Preliminary X-ray Diffraction Study of a Novel Bacterial Homologue of Mammalian Hormone-Sensitive Lipase (halip1) from <i>Halocynthiibacter arcticus</i> . <i>Crystals</i> , 2020, 10, 963.	2.2	1
27	New screening system using Twist1 promoter activity identifies dihydrorotenone as a potent drug targeting cancer-associated fibroblasts. <i>Scientific Reports</i> , 2020, 10, 7058.	3.3	3
28	Biodiesel and flavor compound production using a novel promiscuous cold-adapted SGNH-type lipase (HaSGNH1) from the psychrophilic bacterium <i>Halocynthiibacter arcticus</i> . <i>Biotechnology for Biofuels</i> , 2020, 13, 55.	6.2	21
29	Crystallographic Studies of Enzymes. <i>Crystals</i> , 2020, 10, 6.	2.2	0
30	Ubiquitin-Specific Protease 21 Promotes Colorectal Cancer Metastasis by Acting as a Fra-1 Deubiquitinase. <i>Cancers</i> , 2020, 12, 207.	3.7	28
31	Genome-Wide Analysis of <i>Staphylococcus aureus</i> Sequence Type 72 Isolates Provides Insights Into Resistance Against Antimicrobial Agents and Virulence Potential. <i>Frontiers in Microbiology</i> , 2020, 11, 613800.	3.5	8
32	Targeting Mannitol Metabolism as an Alternative Antimicrobial Strategy Based on the Structure-Function Study of Mannitol-1-Phosphate Dehydrogenase in <i>Staphylococcus aureus</i> . <i>MBio</i> , 2019, 10, .	4.1	22
33	A novel enantioselective SGNH family esterase (NmSGNH1) from <i>Neisseria meningitidis</i> : Characterization, mutational analysis, and ester synthesis. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 1438-1448.	2.4	10
34	Identification of a new Z α -DNA inducer using SYBR green 1 as a DNA conformation sensor. <i>FEBS Letters</i> , 2019, 593, 2628-2636.	2.8	3
35	Unraveling the Regulatory G-Quadruplex Puzzle: Lessons From Genome and Transcriptome-Wide Studies. <i>Frontiers in Genetics</i> , 2019, 10, 1002.	2.3	15
36	Contribution of SLC22A12 on hypouricemia and its clinical significance for screening purposes. <i>Scientific Reports</i> , 2019, 9, 14360.	3.3	13

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37	Pneumococcal VncR Strain-Specifically Regulates Capsule Polysaccharide Synthesis. <i>Frontiers in Microbiology</i> , 2019, 10, 2279.	3.5	3
38	Structural and functional characterization of a novel cold-active S-formylglutathione hydrolase (SfSFGH) homolog from <i>Shewanella frigidimarina</i> , a psychrophilic bacterium. <i>Microbial Cell Factories</i> , 2019, 18, 140.	4.0	11
39	Z-DNA in the genome: from structure to disease. <i>Biophysical Reviews</i> , 2019, 11, 383-387.	3.2	65
40	Characterization, immobilization, and mutagenesis of a novel cold-active acetyltransferase (EaAcE) from <i>Exiguobacterium antarcticum</i> B7. <i>International Journal of Biological Macromolecules</i> , 2019, 136, 1042-1051.	7.5	7
41	Introduction to the Korean Biophysical Society (KBPS). <i>Biophysical Reviews</i> , 2019, 11, 267-268.	3.2	2
42	Editorial: Special issue of <i>Biophysical Reviews</i> dedicated to the joint 10th Asian Biophysics Association Symposium and 42nd Australian Society for Biophysics Meeting, Melbourne, Australia, December 2016, 2018. <i>Biophysical Reviews</i> , 2019, 11, 245-247.	3.2	4
43	Suppression of the Ubiquitin Pathway by Small Molecule Binding to Ubiquitin Enhances Doxorubicin Sensitivity of the Cancer Cells. <i>Molecules</i> , 2019, 24, 1073.	3.8	4
44	Characterization and mutation analysis of a cold-active bacterial hormone-sensitive lipase from <i>Salinisphaera</i> sp. P7-4. <i>Archives of Biochemistry and Biophysics</i> , 2019, 663, 132-142.	3.0	17
45	Alternative Enzyme Protection Assay To Overcome the Drawbacks of the Gentamicin Protection Assay for Measuring Entry and Intracellular Survival of Staphylococci. <i>Infection and Immunity</i> , 2019, 87, .	2.2	23
46	Molecular Characterization of a Novel Cold-Active Hormone-Sensitive Lipase (HaHSL) from <i>Halocynthiaibacter Arcticus</i> . <i>Biomolecules</i> , 2019, 9, 704.	4.0	10
47	Carboxylic Ester Hydrolases in Bacteria: Active Site, Structure, Function and Application. <i>Crystals</i> , 2019, 9, 597.	2.2	24
48	Molecular Characterization of a Novel Family VIII Esterase with β^2 -Lactamase Activity (PsEstA) from <i>Paenibacillus</i> sp.. <i>Biomolecules</i> , 2019, 9, 786.	4.0	10
49	Structural Basis for the Enantioselectivity of Esterase Est-Y29 toward (<i>S</i>)-Ketoprofen. <i>ACS Catalysis</i> , 2019, 9, 755-767.	11.2	14
50	NMR Dynamics Study Reveals the Z β Domain of Human ADAR1 Associates with and Dissociates from Z-RNA More Slowly than Z-DNA. <i>ACS Chemical Biology</i> , 2019, 14, 245-255.	3.4	20
51	Chemical-induced formation of BZ-junction with base extrusion. <i>Biochemical and Biophysical Research Communications</i> , 2019, 508, 1215-1220.	2.1	16
52	Structural and functional analysis of a dimeric fumarylacetoacetate hydrolase (EaFAH) from psychrophilic <i>Exiguobacterium antarcticum</i> . <i>Biochemical and Biophysical Research Communications</i> , 2019, 509, 773-778.	2.1	3
53	Discovery of Natural Compounds Promoting Cardiomyocyte Differentiation. <i>Stem Cells and Development</i> , 2019, 28, 13-27.	2.1	4
54	Chemical induced conversion of mouse fibroblasts and human adipose-derived stem cells into skeletal muscle-like cells. <i>Biomaterials</i> , 2019, 193, 30-46.	11.4	23

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55	Modulating α -synuclein fibril formation using DNA tetrahedron nanostructures. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 73-81.	2.4	3
56	Computational Approaches to Predict the Non-canonical DNAs. <i>Current Bioinformatics</i> , 2019, 14, 470-479.	1.5	7
57	A Selective Inhibitor of Ubiquitin-Specific Protease 4 Suppresses Colorectal Cancer Progression by Regulating β -Catenin Signaling. , 2019, 53, 157-171.		32
58	The FDA-approved anti-cancer drugs, streptozotocin and floxuridine, reduce the virulence of <i>Staphylococcus aureus</i> . <i>Scientific Reports</i> , 2018, 8, 2521.	3.3	45
59	Identification, characterization, immobilization, and mutational analysis of a novel acetyl esterase with industrial potential (LaAcE) from <i>Lactobacillus acidophilus</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 197-210.	2.4	20
60	Crystal structure and functional characterization of a cold-active acetyl xylan esterase (PbAcE) from psychrophilic soil microbe <i>Paenibacillus</i> sp.. <i>PLoS ONE</i> , 2018, 13, e0206260.	2.5	21
61	Sequence preference and structural heterogeneity of BZ junctions. <i>Nucleic Acids Research</i> , 2018, 46, 10504-10513.	14.5	25
62	Genome-wide analysis of regulatory G-quadruplexes affecting gene expression in human cytomegalovirus. <i>PLoS Pathogens</i> , 2018, 14, e1007334.	4.7	41
63	Total Synthesis of Xanthoangelol B and Its Various Fragments: Toward Inhibition of Virulence Factor Production of <i>Staphylococcus aureus</i> . <i>Journal of Medicinal Chemistry</i> , 2018, 61, 10473-10487.	6.4	11
64	Identification and Validation of an Antivirulence Agent Targeting HlyU-Regulated Virulence in <i>Vibrio vulnificus</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 152.	3.9	24
65	Identification and Crystallographic Analysis of a New Carbohydrate Acetyl esterase (SmAcE1) from <i>Sinorhizobium meliloti</i> . <i>Crystals</i> , 2018, 8, 12.	2.2	9
66	Identification of 2,4-Dihydroxychalcone as an Antivirulence Agent Targeting HlyU, a Master Virulence Regulator in <i>Vibrio vulnificus</i> . <i>Molecules</i> , 2018, 23, 1492.	3.8	6
67	Crystal structure of a junction between B-DNA and Z-DNA reveals two extruded bases. <i>Journal of Hand Surgery Asian-Pacific Volume</i> , 2018, , 207-210.	0.4	1
68	Ubiquitin-specific protease 4 (USP4) suppresses myoblast differentiation by down regulating MyoD activity in a catalytic-independent manner. <i>Cellular Signalling</i> , 2017, 35, 48-60.	3.6	10
69	Structural and functional study of ChuY from <i>Escherichia coli</i> strain CFT073. <i>Biochemical and Biophysical Research Communications</i> , 2017, 482, 1176-1182.	2.1	9
70	Characterization of a novel SGNH-type esterase from <i>Lactobacillus plantarum</i> . <i>International Journal of Biological Macromolecules</i> , 2017, 96, 560-568.	7.5	18
71	A synthetic DNA-binding inhibitor of SOX2 guides human induced pluripotent stem cells to differentiate into mesoderm. <i>Nucleic Acids Research</i> , 2017, 45, 9219-9228.	14.5	44
72	Small molecule-induced cellular conversion. <i>Chemical Society Reviews</i> , 2017, 46, 6241-6254.	38.1	29

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73	The mutational landscape of ocular marginal zone lymphoma identifies frequent alterations in <i>TNFAIP3</i> followed by mutations in <i>TBL1XR1</i> and <i>CREBBP</i> . <i>Oncotarget</i> , 2017, 8, 17038-17049.	1.8	55
74	Identification and Crystallization of Penicillin-Binding Protein/ β -Lactamase Homolog (Rp46) from <i>Ruegeria Pomeroyi</i> . <i>Crystals</i> , 2017, 7, 6.	2.2	4
75	Examining cooperative binding of Sox2 on DC5 regulatory element upon complex formation with Pax6 through excess electron transfer assay. <i>Nucleic Acids Research</i> , 2016, 44, e125-e125.	14.5	7
76	Structural and functional studies of a large winged Z-DNA binding domain of <i>Danio rerio</i> protein kinase PKZ. <i>FEBS Letters</i> , 2016, 590, 2275-2285.	2.8	20
77	Biochemical and Structural Analysis of a Novel Esterase from <i>Caulobacter crescentus</i> related to Penicillin-Binding Protein (PBP). <i>Scientific Reports</i> , 2016, 6, 37978.	3.3	16
78	Solution structure of the Z-DNA binding domain of PKR-like protein kinase from <i>Carassius auratus</i> and quantitative analyses of the intermediate complex during B \rightarrow Z transition. <i>Nucleic Acids Research</i> , 2016, 44, 2936-2948.	14.5	25
79	Ubiquitin-specific protease 4 controls metastatic potential through β -catenin stabilization in brain metastatic lung adenocarcinoma. <i>Scientific Reports</i> , 2016, 6, 21596.	3.3	37
80	An ubiquitin-binding molecule can work as an inhibitor of ubiquitin processing enzymes and ubiquitin receptors. <i>Biochemical and Biophysical Research Communications</i> , 2016, 479, 33-39.	2.1	9
81	Structural Studies on the Extracellular Domain of Sensor Histidine Kinase YycG from <i>Staphylococcus aureus</i> and Its Functional Implications. <i>Journal of Molecular Biology</i> , 2016, 428, 3074-3089.	4.2	19
82	Bioinorganic Nanohybrid Catalyst for Multistep Synthesis of Acetaminophen, an Analgesic. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 30058-30065.	8.0	16
83	Coupling of radiofrequency with magnetic nanoparticles treatment as an alternative physical antibacterial strategy against multiple drug resistant bacteria. <i>Scientific Reports</i> , 2016, 6, 33662.	3.3	40
84	Structural and Biochemical Characterization of an Octameric Carbohydrate Acetyltransferase from <i>Sinorhizobium meliloti</i> . <i>FEBS Letters</i> , 2016, 590, 1242-1252.	2.8	15
85	Photocurrent enhancement of SiNW-FETs by integrating protein-shelled CdSe quantum dots. <i>Nanoscale</i> , 2016, 8, 1921-1925.	5.6	3
86	Design of a RANK-Mimetic Peptide Inhibitor of Osteoclastogenesis with Enhanced RANKL-Binding Affinity. <i>Molecules and Cells</i> , 2016, 39, 316-321.	2.6	6
87	Crystal structure analysis of c4763, a uropathogenic <i>Escherichia coli</i> -specific protein. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2015, 71, 1042-1047.	0.8	1
88	Structural basis for the substrate selectivity of a HAD phosphatase from <i>Thermococcus onnurineus</i> NA1. <i>Biochemical and Biophysical Research Communications</i> , 2015, 461, 122-127.	2.1	2
89	Ubiquitin specific protease 4 positively regulates the WNT/ β -catenin signaling in colorectal cancer. <i>Molecular Oncology</i> , 2015, 9, 1834-1851.	4.6	90
90	Preparation of cobalt nanoparticles from polymorphic bacterial templates: A novel platform for biocatalysis. <i>International Journal of Biological Macromolecules</i> , 2015, 81, 747-753.	7.5	12

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91	Combining Suppression of Stemness with Lineage-Specific Induction Leads to Conversion of Pluripotent Cells into Functional Neurons. <i>Chemistry and Biology</i> , 2015, 22, 1512-1520.	6.0	7
92	Structural and biochemical characterization of a carbohydrate acetyltransferase from <i>Sinorhizobium meliloti</i> 1021. <i>FEBS Letters</i> , 2015, 589, 117-122.	2.8	18
93	Structural insights into the molecular mechanism of <i>Escherichia coli</i> SdiA, a quorum-sensing receptor. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 694-707.	2.5	55
94	Combining Protein-Shelled Platinum Nanoparticles with Graphene to Build a Bionanohybrid Capacitor. <i>ACS Nano</i> , 2014, 8, 12120-12129.	14.6	14
95	Interaction of TIF-90 and filamin A in the regulation of rRNA synthesis in leukemic cells. <i>Blood</i> , 2014, 124, 579-589.	1.4	13
96	Inhibition of master transcription factors in pluripotent cells induces early stage differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 1778-1783.	7.1	10
97	Crystallographic analysis and biochemical applications of a novel penicillin-binding protein/ β -lactamase homologue from a metagenomic library. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 2455-2466.	2.5	32
98	Crystallization and preliminary X-ray analysis of a highly stable novel SGNH hydrolase (Est24) from <i>Sinorhizobium meliloti</i> . <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 193-195.	0.8	2
99	Crystallization and preliminary X-ray analysis of a novel type of lipolytic hydrolase from <i>Bacillus licheniformis</i> . <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2014, 70, 473-475.	0.8	0
100	Structural and kinetic bases for the metal preference of the M18 aminopeptidase from <i>Pseudomonas aeruginosa</i> . <i>Biochemical and Biophysical Research Communications</i> , 2014, 447, 101-107.	2.1	13
101	Novel Interaction of the Z-DNA Binding Domain of Human ADAR1 with the Oncogenic c-Myc Promoter G-Quadruplex. <i>Journal of Molecular Biology</i> , 2014, 426, 2594-2604.	4.2	24
102	Single Molecule Visualization and Characterization of Sox2/Pax6 Complex Formation on a Regulatory DNA Element Using a DNA Origami Frame. <i>Nano Letters</i> , 2014, 14, 2286-2292.	9.1	38
103	Distinct Rayleigh Scattering from Hot Spot Mutant p53 Proteins Reveals Cancer Cells. <i>Small</i> , 2014, 10, 2954-2962.	10.0	5
104	Radiofrequency treatment enhances the catalytic function of an immobilized nanobiohybrid catalyst. <i>Nanoscale</i> , 2014, 6, 6009-6017.	5.6	6
105	Distinct Z-DNA binding mode of a PKR-like protein kinase containing a Z-DNA binding domain (PKZ). <i>Nucleic Acids Research</i> , 2014, 42, 5937-5948.	14.5	46
106	Structural and functional characterization of an Isd-type haem-degradation enzyme from <i>Listeria monocytogenes</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2014, 70, 615-626.	2.5	32
107	Investigation of the heating properties of platinum nanoparticles under a radiofrequency current. <i>International Journal of Hyperthermia</i> , 2013, 29, 99-105.	2.5	30
108	Energetics of Z-DNA Binding Protein-Mediated Helicity Reversals in DNA, RNA, and DNA/RNA Duplexes. <i>Journal of Physical Chemistry B</i> , 2013, 117, 13866-13871.	2.6	11

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109	Synthesis and electric characterization of protein-shelled CdSe quantum dots. <i>Journal of Materials Chemistry C</i> , 2013, 1, 2412.	5.5	8
110	One-step immobilization and purification of his-tagged enzyme using poly(2-acetamidoacrylic acid) hydrogel. <i>Macromolecular Research</i> , 2013, 21, 5-9.	2.4	12
111	Size-controlled synthesis and characterization of CoPt nanoparticles using protein shells. <i>Journal of Materials Chemistry B</i> , 2013, 1, 1453.	5.8	18
112	DNA Sensing-Independent Inhibition of Herpes Simplex Virus 1 Replication by DAI/ZBP1. <i>Journal of Virology</i> , 2013, 87, 3076-3086.	3.4	58
113	Structure-based elucidation of the regulatory mechanism for aminopeptidase activity. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013, 69, 1738-1747.	2.5	4
114	Structural and functional analyses of a bacterial homologue of hormone-sensitive lipase from a metagenomic library. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2013, 69, 1726-1737.	2.5	33
115	Glutamyl Aminopeptidase (<i>Lactococcus</i>)., 2013, , 1631-1635.		0
116	The effect of protein shells on the antioxidant activity of protein-encapsulated platinum nanoparticles. <i>Journal of Materials Chemistry</i> , 2012, 22, 1774-1780.	6.7	20
117	EZH2 Generates a Methyl Degron that Is Recognized by the DCAF1/DDB1/CUL4 E3 Ubiquitin Ligase Complex. <i>Molecular Cell</i> , 2012, 48, 572-586.	9.7	200
118	Characterization, amyloid formation, and immobilization of a novel SGNH hydrolase from <i>Listeria innocua</i> 11262. <i>International Journal of Biological Macromolecules</i> , 2012, 50, 103-111.	7.5	22
119	The crystal structure of the periplasmic domain of <i>Vibrio parahaemolyticus</i> CpxA. <i>Protein Science</i> , 2012, 21, 1334-1343.	7.6	13
120	Characterization, crystallization and preliminary X-ray diffraction analysis of an (<i>S</i>)-specific esterase (<i>EstA</i>) from <i>Pseudomonas fluorescens</i> KCTC 1767: enantioselectivity for potential industrial applications. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2012, 68, 1374-1377.	0.7	3
121	Structures of <i>Staphylococcus aureus</i> peptide deformylase in complex with two classes of new inhibitors. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2012, 68, 784-793.	2.5	4
122	Identification, crystallization and preliminary X-ray diffraction analysis of esterase A from <i>Caulobacter crescentus</i> CB15, a family VIII lipolytic enzyme. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2012, 68, 560-564.	0.7	6
123	Intrinsic Z-DNA Is Stabilized by the Conformational Selection Mechanism of Z-DNA-Binding Proteins. <i>Journal of the American Chemical Society</i> , 2011, 133, 668-671.	13.7	92
124	Crystal Structure of the LG3 Domain of Endorepellin, an Angiogenesis Inhibitor. <i>Journal of Molecular Biology</i> , 2011, 414, 231-242.	4.2	18
125	The Z ¹² domain of human DAI binds to Z-DNA via a novel B-Z transition pathway. <i>FEBS Letters</i> , 2011, 585, 772-778.	2.8	19
126	Amyloid formation using 1-butyl-3-methyl-imidazolium-based ionic liquids. <i>Analytical Biochemistry</i> , 2011, 419, 354-356.	2.4	24

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127	Crystallization and diffraction analysis of Sm23: an SGNH-family arylesterase from <i>Sinorhizobium meliloti</i> . Acta Crystallographica Section F: Structural Biology Communications, 2011, 67, 572-574.	0.7	1
128	Platinum Nanoparticles Encapsulated by Aminopeptidase: A Multifunctional Bioinorganic Nanohybrid Catalyst. Angewandte Chemie - International Edition, 2011, 50, 11924-11929.	13.8	60
129	Solution structure of the Z ¹ domain of human DNA-dependent activator of IFN-regulatory factors and its binding modes to B- and Z-DNAs. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6921-6926.	7.1	36
130	Structural Basis for the Reaction Mechanism of UDP-Glucose Pyrophosphorylase. Molecules and Cells, 2010, 29, 397-406.	2.6	41
131	Crystal structure of <i>Streptococcus pneumoniae</i> Sp1610, a putative tRNA methyltransferase, in complex with S-adenosyl-L-methionine. Protein Science, 2010, 19, 617-624.	7.6	7
132	Structural basis for the negative regulation of bacterial stress response by RseB. Protein Science, 2010, 19, 1258-1263.	7.6	25
133	The crystal structure of <i>Escherichia coli</i> Spy. Protein Science, 2010, 19, 2252-2259.	7.6	31
134	Structure-based development of a receptor activator of nuclear factor- κ B ligand (RANKL) inhibitor peptide and molecular basis for osteopetrosis. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 20281-20286.	7.1	67
135	Z-DNA Binding Proteins as Targets for Structure-Based Virtual Screening. Current Drug Targets, 2010, 11, 335-344.	2.1	29
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