Chin-Ju Park

List of Publications by Year
in descending order

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Version: 2024-02-01

		567281	642732
45	614	15	23
papers	citations	h-index	g-index

46	46	46	846
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The protein shuffle. Sequential interactions among components of the human nucleotide excision repair pathway. FEBS Journal, 2006, 273, 1600-1608.	4.7	58
2	Development of Replication Protein A-Conjugated Gold Nanoparticles for Highly Sensitive Detection of Disease Biomarkers. Analytical Chemistry, 2019, 91, 10001-10007.	6.5	42
3	NMR study on the interaction between RPA and DNA decamer containing cis-syn cyclobutane pyrimidine dimer in the presence of XPA: implication for damage verification and strand-specific dual incision in nucleotide excision repair. Nucleic Acids Research, 2003, 31, 4747-4754.	14.5	36
4	Kinetic Mechanism of Human Histidine Triad Nucleotide Binding Protein 1. Biochemistry, 2013, 52, 3588-3600.	2.5	35
5	NMR structure of the DNA decamer duplex containing double T{middle dot}G mismatches of cis-syn cyclobutane pyrimidine dimer: implications for DNA damage recognition by the XPC-hHR23B complex. Nucleic Acids Research, 2004, 32, 2474-2481.	14.5	32
6	NMR Study on the Bâ€“Z Junction Formation of DNA Duplexes Induced by Z-DNA Binding Domain of Human ADAR1. Journal of the American Chemical Society, 2012, 134, 5276-5283.	13.7	32
7	Structure of H/ACA RNP Protein Nhp2p Reveals Cis/Trans Isomerization of a Conserved Proline at the RNA and Nop10 Binding Interface. Journal of Molecular Biology, 2011, 411, 927-942.	4.2	30
8	A single-nucleotide natural variation (U4 to C4) in an influenza A virus promoter exhibits a large structural change: implications for differential viral RNA synthesis by RNA-dependent RNA polymerase. Nucleic Acids Research, 2003, 31, 1216-1223.	14.5	27
9	Structural and Dynamics Study of DNA Dodecamer Duplexes That Contain Un-, Hemi-, or Fully Methylated GATC Sites. Journal of the American Chemical Society, 2008, 130, 17688-17696.	13.7	25
10	Solution structure of the Z-DNA binding domain of PKR-like protein kinase fromCarassius auratusand quantitative analyses of the intermediate complex during Bâ€“Z transition. Nucleic Acids Research, 2016, 44, 2936-2948.	14.5	25
11	Interaction of replication protein A with two acidic peptides from human Bloom syndrome protein. FEBS Letters, 2018, 592, 547-558.	2.8	23
12	Interplay among Conformation, Intramolecular Hydrogen Bonds, and Chameleonicity in the Membrane Permeability and Cyclophilin A Binding of Macrocyclic Peptide Cyclosporin O Derivatives. Journal of Medicinal Chemistry, 2021, 64, 8272-8286.	6.4	21
13	Solution structure of the DNA-binding domain of RPA from Saccharomyces cerevisiae and its interaction with single-stranded DNA and SV40 T antigen. Nucleic Acids Research, 2005, 33, 4172-4181.	14.5	19
14	Solution structure of the influenza A virus cRNA promoter: implications for differential recognition of viral promoter structures by RNA-dependent RNA polymerase. Nucleic Acids Research, 2003, 31, 2824-2832.	14.5	18
15	Aminoglycoside antibiotics bind to the influenza A virus RNA promoter. Molecular BioSystems, 2012, 8, 2857.	2.9	16
16	Development of DNA Aptamers against the Nucleocapsid Protein of Severe Fever with Thrombocytopenia Syndrome Virus for Diagnostic Application: Catalytic Signal Amplification using Replication Protein A-Conjugated Liposomes. Analytical Chemistry, 2019, 91, 13772-13779.	6.5	15
17	AC-motif: a DNA motif containing adenine and cytosine repeat plays a role in gene regulation. Nucleic Acids Research, 2021, 49, 10150-10165.	14.5	14
18	Dynamics Studies of DNA with Non-canonical Structure Using NMR Spectroscopy. International Journal of Molecular Sciences, 2020, 21, 2673.	4.1	12

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19	Thermodynamics and kinetics for base pair opening in the DNA decamer duplexes containing cyclobutane pyrimidine dimer. FEBS Letters, 2009, 583, 2037-2041.	2.8	11
20	NMR Investigation of the Interaction between the RecQ C-Terminal Domain of Human Bloom Syndrome Protein and G-Quadruplex DNA from the Human c-Myc Promoter. Journal of Molecular Biology, 2019, 431, 794-806.	4.2	11
21	Solution structure of the RecQ C-terminal domain of human Bloom syndrome protein. Journal of Biomolecular NMR, 2014, 58, 141-147.	2.8	9
22	Investigation of the core binding regions of human Werner syndrome and Fanconi anemia group J helicases on replication protein A. Scientific Reports, 2019, 9, 14016.	3.3	9
23	FOXO4 Transactivation Domain Interaction with Forkhead DNA Binding Domain and Effect on Selective DNA Recognition for Transcription Initiation. Journal of Molecular Biology, 2021, 433, 166808.	4.2	9
24	Comparison of backbone dynamics of the type III antifreeze protein and antifreeze-like domain of human sialic acid synthase. Journal of Biomolecular NMR, 2015, 61, 137-150.	2.8	8
25	NMR elucidation of reduced B-Z transition activity of PKZ protein kinase at high NaCl concentration. Biochemical and Biophysical Research Communications, 2017, 482, 335-340.	2.1	8
26	Highly sensitive and universal detection strategy based on a colorimetric assay using target-specific heterogeneous sandwich DNA aptamer. Analytica Chimica Acta, 2020, 1123, 73-80.	5.4	8
27	A Simple and Label-Free Detection of As3+ using 3-nitro-L-tyrosine as an As3+-chelating Ligand. Sensors, 2019, 19, 2857.	3.8	7
28	Loop-mediated fluorescent probes for selective discrimination of parallel and antiparallel G-Quadruplexes. Bioorganic and Medicinal Chemistry, 2021, 35, 116077.	3.0	7
29	Determinants of replication protein A subunit interactions revealed using a phosphomimetic peptide. Journal of Biological Chemistry, 2020, 295, 18449-18458.	3.4	6
30	<scp>NMR</scp> study of the antifreeze activities of active and inactive isoforms of a type <scp>III</scp> antifreeze protein. FEBS Letters, 2016, 590, 4202-4212.	2.8	5
31	Molecular Diagnostic System Using Engineered Fusion Protein-Conjugated Magnetic Nanoparticles. Analytical Chemistry, 2021, 93, 16804-16812.	6.5	5
32	Recognition and Unfolding of c-MYC and Telomeric G-Quadruplex DNAs by the RecQ C-Terminal Domain of Human Bloom Syndrome Helicase. ACS Omega, 2020, 5, 14513-14522.	3.5	4
33	Backbone Assignment of the N-terminal Domain of Human Replication Protein A 70 kDa. Journal of the Korean Magnetic Resonance Society, 2016, 20, 138-142.	0.1	4
34	Biophysical investigation of the dual binding surfaces of human transcription factors FOXO4 and p53. FEBS Journal, 2022, 289, 3163-3182.	4.7	4
35	NMR Assignment of the DNA Binding Domain A of RPA from S. cerevisiae. Journal of Biomolecular NMR, 2005, 33, 75-75.	2.8	3
36	Functional Insights Gained from Structural Analyses of DNA Duplexes that Contain UV-damaged Photoproducts. Photochemistry and Photobiology, 2006, 83, 187-95.	2.5	3

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37	Replication Protein A from Saccharomyces cerevisiae Differently Binds to Photo-damaged DNA from Normal Single-stranded DNA. Bulletin of the Korean Chemical Society, 2006, 27, 1731-1732.	1.9	3
38	NMR Structure and Biophysical Characterization of Thermophilic Single-Stranded DNA Binding Protein from Sulfolobus Solfataricus. International Journal of Molecular Sciences, 2022, 23, 3099.	4.1	3
39	Hydrogen Exchange Study of Winter Flounder Type I Antifreeze Protein. Bulletin of the Korean Chemical Society, 2013, 34, 3137-3140.	1.9	2
40	Structural basis for the inhibition of PDK2 by novel ATP- and lipoyl-binding site targeting compounds. Biochemical and Biophysical Research Communications, 2020, 527, 778-784.	2.1	2
41	Backbone Dynamics and Modelâ€Free Analysis of the RecQ Câ€Terminal Domain of Bloom Syndrome Protein. Bulletin of the Korean Chemical Society, 2018, 39, 1243-1247.	1.9	1
42	Resonance assignments and secondary structure of thermophile singleâ€stranded DNA binding protein from Sulfolobus solfataricus at 323K. Biomolecular NMR Assignments, 2021, 15, 159-164.	0.8	1
43	The pH Effect on Backbone Dynamics of the Antifreezeâ€like Domain of Human Sialic Acid Synthase. Bulletin of the Korean Chemical Society, 2015, 36, 2924-2927.	1.9	0
44	Base Pair Opening Dynamics in Methylated GATC Sites Catalyzed by Ammonia. Bulletin of the Korean Chemical Society, 2009, 30, 29-30.	1.9	0
45	Temperature-dependent Kinetics Study for Hydrogen Exchange of Type I Antifreeze Protein from Winter Flounder. Bulletin of the Korean Chemical Society, 2014, 35, 286-288.	1.9	0