

Yen-Hua Huang

List of Publications by Year in descending order

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33
papers

617
citations

471509

17
h-index

642732

23
g-index

33
all docs

33
docs citations

33
times ranked

301
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal Structure of an SSB Protein from <i>Salmonella enterica</i> and Its Inhibition by Flavanol Taxifolin. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4399.	4.1	7
2	Anticancer and Antioxidant Activities of the Root Extract of the Carnivorous Pitcher Plant <i>Sarracenia purpurea</i> . <i>Plants</i> , 2022, 11, 1668.	3.5	8
3	Whole genome sequencing identifies genetic variants associated with co-trimoxazole hypersensitivity in Asians. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 1402-1412.	2.9	46
4	Comparing SSB-PriA Functional and Physical Interactions in Gram-Positive and -Negative Bacteria. <i>Methods in Molecular Biology</i> , 2021, 2281, 67-80.	0.9	6
5	Structural basis for the interaction modes of dihydroorotase with the anticancer drugs 5-fluorouracil and 5-aminouracil. <i>Biochemical and Biophysical Research Communications</i> , 2021, 551, 33-37.	2.1	19
6	Plumbagin, a Natural Product with Potent Anticancer Activities, Binds to and Inhibits Dihydroorotase, a Key Enzyme in Pyrimidine Biosynthesis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6861.	4.1	23
7	Complexed Crystal Structure of <i>Saccharomyces cerevisiae</i> Dihydroorotase with Inhibitor 5-Fluoroorotate Reveals a New Binding Mode. <i>Bioinorganic Chemistry and Applications</i> , 2021, 2021, 1-9.	4.1	9
8	Characterization of the Chimeric PriB-SSBc Protein. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10854.	4.1	8
9	Structural Analysis of <i>Saccharomyces cerevisiae</i> Dihydroorotase Reveals Molecular Insights into the Tetramerization Mechanism. <i>Molecules</i> , 2021, 26, 7249.	3.8	7
10	Identification and characterization of dihydropyrimidinase inhibited by plumbagin isolated from <i>Nepenthes miranda</i> extract. <i>Biochimie</i> , 2020, 171-172, 124-135.	2.6	24
11	Complexed crystal structure of SSB reveals a novel single-stranded DNA binding mode (SSB) ₃ :1: Phe60 is not crucial for defining binding paths. <i>Biochemical and Biophysical Research Communications</i> , 2019, 520, 353-358.	2.1	13
12	Crystal structure of dihydropyrimidinase in complex with anticancer drug 5-fluorouracil. <i>Biochemical and Biophysical Research Communications</i> , 2019, 519, 160-165.	2.1	20
13	Crystal structure of the C-terminal domain of the primosomal DnaT protein: Insights into a new oligomerization mechanism. <i>Biochemical and Biophysical Research Communications</i> , 2019, 511, 1-6.	2.1	4
14	Characterization of an SSB-dT25 complex: structural insights into the S-shaped ssDNA binding conformation. <i>RSC Advances</i> , 2019, 9, 40388-40396.	3.6	15
15	The glycine-rich flexible region in SSB is crucial for PriA stimulation. <i>RSC Advances</i> , 2018, 8, 35280-35288.	3.6	18
16	Crystal structures of monometallic dihydropyrimidinase and the human dihydroorotase domain K1556A mutant reveal no lysine carbamylation within the active site. <i>Biochemical and Biophysical Research Communications</i> , 2018, 505, 439-444.	2.1	14
17	Structural Basis for pH-Dependent Oligomerization of Dihydropyrimidinase from <i>Pseudomonas aeruginosa</i> PAO1. <i>Bioinorganic Chemistry and Applications</i> , 2018, 2018, 1-8.	4.1	18
18	Characterization of single-stranded DNA-binding protein SsbB from <i>Staphylococcus aureus</i> : SsbB cannot stimulate PriA helicase. <i>RSC Advances</i> , 2018, 8, 28367-28375.	3.6	14

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19	SAAV2152 is a single-stranded DNA binding protein: the third SSB in <i>Staphylococcus aureus</i> . <i>Oncotarget</i> , 2018, 9, 20239-20254.	1.8	21
20	<i>Staphylococcus aureus</i> single-stranded DNA-binding protein SsbA can bind but cannot stimulate PriA helicase. <i>PLoS ONE</i> , 2017, 12, e0182060.	2.5	20
21	Crystal structure of dihydropyrimidinase from <i>Pseudomonas aeruginosa</i> PAO1: Insights into the molecular basis of formation of a dimer. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 1449-1455.	2.1	21
22	Characterization of <i>Staphylococcus aureus</i> Primosomal DnaD Protein: Highly Conserved C-Terminal Region Is Crucial for ssDNA and PriA Helicase Binding but Not for DnaA Protein-Binding and Self-Tetramerization. <i>PLoS ONE</i> , 2016, 11, e0157593.	2.5	26
23	Inhibition of <i>Staphylococcus aureus</i> PriA Helicase by Flavonol Kaempferol. <i>Protein Journal</i> , 2015, 34, 169-172.	1.6	38
24	Creation of a putative third metal binding site in type II dihydroorotases significantly enhances enzyme activity. <i>Protein and Peptide Letters</i> , 2015, 22, 1117-1122.	0.9	12
25	Structural Insight into the DNA-Binding Mode of the Primosomal Proteins PriA, PriB, and DnaT. <i>BioMed Research International</i> , 2014, 2014, 1-14.	1.9	24
26	C-Terminal Domain Swapping of SSB Changes the Size of the ssDNA Binding Site. <i>BioMed Research International</i> , 2014, 2014, 1-16.	1.9	27
27	Chemical rescue of the post-translationally carboxylated lysine mutant of allantoinase and dihydroorotase by metal ions and short-chain carboxylic acids. <i>Amino Acids</i> , 2013, 44, 1181-1191.	2.7	32
28	The N-terminal domain of DnaT, a primosomal DNA replication protein, is crucial for PriB binding and self-trimerization. <i>Biochemical and Biophysical Research Communications</i> , 2013, 442, 147-152.	2.1	20
29	Yeast Two-Hybrid Analysis of PriB-Interacting Proteins in Replication Restart Primosome: A Proposed PriB-SSB Interaction Model. <i>Protein Journal</i> , 2013, 32, 477-483.	1.6	7
30	DnaT is a single-stranded DNA binding protein. <i>Genes To Cells</i> , 2013, 18, 1007-1019.	1.2	24
31	Crystal structure and DNA-binding mode of <i>Klebsiella pneumoniae</i> primosomal PriB protein. <i>Genes To Cells</i> , 2012, 17, 837-849.	1.2	30
32	Characterization of a single-stranded DNA-binding protein from <i>Klebsiella pneumoniae</i> : mutation at either Arg73 or Ser76 causes a less cooperative complex on DNA. <i>Genes To Cells</i> , 2012, 17, 146-157.	1.2	21
33	Characterization of a Single-Stranded DNA Binding Protein from <i>Salmonella enterica</i> Serovar Typhimurium LT2. <i>Protein Journal</i> , 2011, 30, 102-108.	1.6	21