Karsten Theis

List of Publications by Year
in descending order

20 papers	912 citations	858243 12 h-index	939365 18 g-index
20 all docs	20 docs citations	20 times ranked	962 citing authors

#	Article	IF	Citations
1	A practical guide to teaching with Proteopedia. Biochemistry and Molecular Biology Education, 2021, 49, 707-719.	0.5	3
2	PQtutor, a quasi-intelligent tutoring system for quantitative problems in General Chemistry. Chemistry Teacher International, 2019, .	0.9	5
3	PQcalc, an Online Calculator for Science Learners. Journal of Chemical Education, 2015, 92, 1953-1955.	1.1	1
4	Closed for business: exit-channel coupling to active site conformation in bacterial RNA polymerase. Nature Structural and Molecular Biology, 2014, 21, 741-742.	3.6	0
5	Snapshots of a viral RNA polymerase switching gears from transcription initiation to elongation. Virologica Sinica, 2013, 28, 337-344.	1.2	1
6	An N-terminal clamp restrains the motor domains of the bacterial transcription-repair coupling factor Mfd. Nucleic Acids Research, 2009, 37, 6042-6053.	6.5	33
7	Twisted or Shifted? Fluorescence Measurements of Late Intermediates in Transcription Initiation by T7 RNA Polymerase. Biochemistry, 2007, 46, 6165-6168.	1.2	9
8	One-way traffic control in replication termination. Nature Chemical Biology, 2006, 2, 455-456.	3.9	2
9	Structure and Function in Promoter Escape by T7 RNA Polymerase. Progress in Molecular Biology and Translational Science, 2005, 80, 323-347.	1.9	15
10	Identification of Residues within UvrB That Are Important for Efficient DNA Binding and Damage Processing. Journal of Biological Chemistry, 2004, 279, 51574-51580.	1.6	37
11	Interactions between UvrA and UvrB: the role of UvrB's domain 2 in nucleotide excision repair. EMBO Journal, 2004, 23, 2498-2509.	3.5	61
12	Topological and Conformational Analysis of the Initiation and Elongation Complex of T7 RNA Polymerase Suggests a New Twist. Biochemistry, 2004, 43, 12709-12715.	1.2	22
13	The Crystal Structure of Plant Sulfite Oxidase Provides Insights into Sulfite Oxidation in Plants and Animals. Structure, 2003, 11, 1251-1263.	1.6	134
14	Crystal Structure of Mycobacterium tuberculosis MenB, a Key Enzyme in Vitamin K2 Biosynthesis. Journal of Biological Chemistry, 2003, 278, 42352-42360.	1.6	86
15	The Î²-Hairpin Motif of UvrB Is Essential for DNA Binding, Damage Processing, and UvrC-mediated Incisions. Journal of Biological Chemistry, 2002, 277, 1553-1559.	1.6	94
16	Crystal Structures of the Active and Alloxanthine-Inhibited Forms of Xanthine Dehydrogenase from Rhodobacter capsulatus. Structure, 2002, 10, 115-125.	1.6	193
17	Crystal Structure and Deletion Analysis Show that the Accessory Subunit of Mammalian DNA Polymerase Î³, PolÎ³B, Functions as a Homodimer. Molecular Cell, 2001, 7, 43-54.	4.5	135
18	The nucleotide excision repair protein UvrB, a helicase-like enzyme with a catch. Mutation Research DNA Repair, 2000, 460, 277-300.	3.8	67

#	Article	IF	Citations
19	Sequence Analysis of Fis Binding Sites Obtained by in Vitro Selection. Nucleosides & Nucleotides, 1997, 16, 579-584.	0.5	0
20	Determination of backbone nitrogen-nitrogen J correlations in proteins. Journal of Biomolecular NMR, 1997, 10, 403-408.	1.6	14