Christopher D Thomas

List of Publications by Year
in descending order

23	1,262	759233 12	713466 21
papers	citations	h-index	g-index

25	25	25	1323
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structures of replication initiation proteins from staphylococcal antibiotic resistance plasmids reveal protein asymmetry and flexibility are necessary for replication. Nucleic Acids Research, 2016, 44, 2417-2428.	14.5	22
2	Engineering of a superhelicase through conformational control. Science, 2015, 348, 344-347.	12.6	88
3	Structural Studies of Rolling Circle Replication Initiator Proteins. Biophysical Journal, 2013, 104, 73a-74a.	0.5	0
4	Identification, characterization and preliminary X-ray diffraction analysis of the rolling-circle replication initiator protein from plasmid pSTK1. Acta Crystallographica Section F: Structural Biology Communications, 2013, 69, 1123-1126.	0.7	1
5	RepD-mediated recruitment of PcrA helicase at the Staphylococcus aureus pC221 plasmid replication origin, oriD. Nucleic Acids Research, 2010, 38, 1874-1888.	14.5	13
6	PcrA Helicase Tightly Couples ATP Hydrolysis to Unwinding Double-Stranded DNA, Modulated by the Initiator Protein for Plasmid Replication, RepD. Biochemistry, 2009, 48, 6326-6334.	2.5	42
7	Directional Loading and Stimulation of PcrA Helicase by the Replication Initiator Protein RepD. Journal of Molecular Biology, 2007, 371, 336-348.	4.2	47
8	Crystallization and preliminary X-ray diffraction analysis of two N-terminal fragments of the DNA-cleavage domain of topoisomerase IV fromStaphylococcus aureus. Acta Crystallographica Section F: Structural Biology Communications, 2006, 62, 1164-1167.	0.7	6
9	Investigating the basis of substrate recognition in the pC221 relaxosome. Molecular Microbiology, 2006, 60, 1302-1318.	2.5	32
10	Spontaneous condensation in DNA-polystyrene- b-poly(l-lysine) polyelectrolyte block copolymer mixtures. European Physical Journal E, 2006, 20, 1-6.	1.6	10
11	An Accessory Protein Is Required for Relaxosome Formation by Small Staphylococcal Plasmids. Journal of Bacteriology, 2004, 186, 3363-3373.	2.2	46
12	Reconstitution of a Staphylococcal Plasmid-Protein Relaxation Complex In Vitro. Journal of Bacteriology, 2004, 186, 3374-3383.	2.2	30
13	RELAXATION OF pC221: PROTEIN REQUIREMENTS AND PLASMID SPECIFICITY. Biochemical Society Transactions, 2000, 28, A95-A95.	3.4	0
14	Plasmid replication initiator protein RepD increases the processivity of PcrA DNA helicase. Nucleic Acids Research, 1999, 27, 1421-1428.	14.5	70
15	Crystallization and preliminary X-ray crystallographic studies of RepDC, a hybrid rolling-circle plasmid replication initiator protein. Acta Crystallographica Section D: Biological Crystallography, 1999, 55, 1076-1078.	2.5	2
16	116 A novel role for the Inverted Complementary Repeat. Biochemical Society Transactions, 1997, 25, S648-S648.	3.4	1
17	RepD/D*: A protein-DNA adduct arising during plasmid replication. Biochemical Society Transactions, 1995, 23, 442S-442S.	3.4	7
18	Determination of Sequence Specificity between a Plasmid Replication Initiator Protein and the Origin of Replication. Journal of Molecular Biology, 1995, 254, 381-391.	4.2	36

#	Article	IF	Citations
19	Controlled high-level expression of the lon gene of Escherichia coli allows overproduction of Lon protease. Gene, 1993, 136, 237-242.	2.2	11
20	Solving the structure of human H ferritin by genetically engineering intermolecular crystal contacts. Nature, 1991, 349, 541-544.	27.8	758
21	Identification of the tyrosine residue involved in bond formation between replication origin and initiator protein of plasmid pC221. Biochemical Society Transactions, 1988, 16, 758-759.	3.4	25
22	Expression and purification of the rat liver ferritin light chain after cloning in Escherichia coli. Biochemical Society Transactions, 1988, 16, 838-839.	3.4	14
23	REP D, a sequence-specific nicking/closing enzyme required in trans for the replication of staphylococcal plasmid pC221. Biochemical Society Transactions, 1987, 15, 907-908.	3.4	1