Enoch P Baldwin

List of Publications by Year
in descending order

32	2,138	304743 22	434195 31
papers	citations	h-index	g-index

33	33	33	2415
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Human CTP synthase filament structure reveals the active enzyme conformation. Nature Structural and Molecular Biology, 2017, 24, 507-514.	8.2	161
2	Inhibition of Escherichia coli CTP Synthetase by NADH and Other Nicotinamides and Their Mutual Interactions with CTP and GTP. Biochemistry, 2016, 55, 5554-5565.	2.5	27
3	Conformational Elasticity can Facilitate TALEâ€“DNA Recognition. Advances in Protein Chemistry and Structural Biology, 2014, 94, 347-364.	2.3	5
4	Real-time fluorescence assays to monitor duplex unwinding and ATPase activities of helicases. Nature Protocols, 2014, 9, 1645-1661.	12.0	37
5	Large-scale filament formation inhibits the activity of CTP synthetase. ELife, 2014, 3, e03638.	6.0	159
6	Quantitative analysis of TALEâ€“DNA interactions suggests polarity effects. Nucleic Acids Research, 2013, 41, 4118-4128.	14.5	153
7	Two Surfaces of a Conserved Interdomain Linker Differentially Affect Output from the RST Sensing Module of the Bacillus subtilis Stressosome. Journal of Bacteriology, 2012, 194, 3913-3921.	2.2	15
8	Substitutions in the Presumed Sensing Domain of the Bacillus subtilis Stressosome Affect Its Basal Output but Not Response to Environmental Signals. Journal of Bacteriology, 2011, 193, 3588-3597.	2.2	12
9	Spatially Directed Assembly of a Heterotetrameric Cre-Lox Synapse Restricts Recombination Specificity. Journal of Molecular Biology, 2008, 378, 653-665.	4.2	11
10	Phosphorylation of Human CTP Synthetase 1 by Protein Kinase C. Journal of Biological Chemistry, 2007, 282, 17613-17622.	3.4	33
11	Multiple Levels of Affinity-Dependent DNA Discrimination in Cre-LoxP Recombinationâ€. Biochemistry, 2006, 45, 12216-12226.	2.5	9
12	Expression of Human CTP Synthetase in Saccharomyces cerevisiae Reveals Phosphorylation by Protein Kinase A. Journal of Biological Chemistry, 2005, 280, 38328-38336.	3.4	39
13	Mechanisms of Product Feedback Regulation and Drug Resistance in Cytidine Triphosphate Synthetases from the Structure of a CTP-Inhibited Complex,. Biochemistry, 2005, 44, 13491-13499.	2.5	71
14	Reversed DNA Strand Cleavage Specificity in Initiation of Creâ€“LoxP Recombination Induced by the His289Ala Active-site Substitution. Journal of Molecular Biology, 2005, 354, 233-245.	4.2	18
15	Crystal Structure ofEscherichia coliCytidine Triphosphate Synthetase, a Nucleotide-Regulated Glutamine Amidotransferase/ATP-Dependent Amidoligase Fusion Protein and Homologue of Anticancer and Antiparasitic Drug Targetsâ€,â€¡. Biochemistry, 2004, 43, 6447-6463.	2.5	112
16	Mechanism of DNA Compaction by Yeast Mitochondrial Protein Abf2p. Biophysical Journal, 2004, 86, 1632-1639.	0.5	56
17	A Specificity Switch in Selected Cre Recombinase Variants Is Mediated by Macromolecular Plasticity and Water. Chemistry and Biology, 2003, 10, 1085-1094.	6.0	31
18	Vanadate-based transition-state analog inhibitors of Creâ€“LoxP recombination. Biochemical and Biophysical Research Communications, 2003, 308, 529-534.	2.1	3

#	Article	IF	Citations
19	Packaging of Single DNA Molecules by the Yeast Mitochondrial Protein Abf2p. Biophysical Journal, 2003, 85, 2519-2524.	0.5	53
20	Modulation of the Active Complex Assembly and Turnover Rate by Proteinâ˜'DNA Interactions in Creâ˜'LoxP Recombinationâ€,â€¡. Biochemistry, 2003, 42, 6814-6826.	2.5	22
21	The Order of Strand Exchanges in Cre-LoxP Recombination and its Basis Suggested by the Crystal Structure of a Cre-LoxP Holliday Junction Complex. Journal of Molecular Biology, 2002, 319, 107-127.	4.2	56
22	Ligand binding and activation of the Ah receptor. Chemico-Biological Interactions, 2002, 141, 3-24.	4.0	395
23	Structural and thermodynamic analysis of the binding of solvent at internal sites in T4 lysozyme. Protein Science, 2001, 10, 1067-1078.	7.6	44
24	Quasi-equivalence in site-specific recombinase structure and function: crystal structure and activity of trimeric cre recombinase bound to a three-way lox DNA junction 1 1Edited by K. Morikawa. Journal of Molecular Biology, 2001, 313, 49-69.	4.2	62
25	The response of T4 lysozyme to largeâ€toâ€small substitutions within the core and its relation to the hydrophobic effect. Protein Science, 1998, 7, 158-177.	7.6	216
26	Generation of ligand binding sites in T4 lysozyme by deficiency-creating substitutions. Journal of Molecular Biology, 1998, 277, 467-485.	4.2	48
27	Thermodynamic and Structural Compensation in â€œSize-switchâ€•Core Repacking Variants of Bacteriophage T4 Lysozyme. Journal of Molecular Biology, 1996, 259, 542-559.	4.2	85
28	Access of ligands to cavities within the core of a protein is rapid. Nature Structural and Molecular Biology, 1996, 3, 516-521.	8.2	104
29	Core-packing constraints, hydrophobicity and protein design. Current Opinion in Biotechnology, 1994, 5, 396-402.	6.6	57
30	Construction and Functional Selection of a T4 Lysozyme Gene Library Randomly Mutagenized at Five Specific Sites. , 1993, , 499-507.		3
31	Dissection of protein structure and folding by directed mutagenesis. Faraday Discussions, 1992, 93, 173.	3.2	27
32	An Improved Synthesis of 2-Methyl-4-(2'-carboxyethyl)pyrrole. Potential Inhibitors of Porphobilinogen Deaminase. Heterocycles, 1984, 22, 1747.	0.7	13