J Ching Lee

List of Publications by Year
in descending order

31 papers	632 citations	516710 16 h-index	580821 25 g-index
31 all docs	31 docs citations	31 times ranked	623 citing authors

#	Article	IF	Citations
1	Ligand-Induced Conformational and Structural Dynamics Changes in <i>Escherichia coli</i> Cyclic AMP Receptor Protein. Biochemistry, 2002, 41, 6660-6667.	2.5	59
2	A Linear Correlation between the Energetics of Allosteric Communication and Protein Flexibility in theEscherichia coliCyclic AMP Receptor Protein Revealed by Mutation-Induced Changes in Compressibility and Amide Hydrogenâ˜'Deuterium Exchangeâ€. Biochemistry, 2004, 43, 3844-3852.	2.5	54
3	Communications between the High-Affinity Cyclic Nucleotide Binding Sites inE. coliCyclic AMP Receptor Protein:Â Effect of Single Site Mutationsâ€. Biochemistry, 2002, 41, 11857-11867.	2.5	52
4	Mode of Selectivity in Cyclic AMP Receptor Protein-Dependent Promoters inEscherichia coliâ€. Biochemistry, 1996, 35, 1162-1172.	2.5	47
5	Solution Structure and Structural Dynamics of Envelope Protein Domain III of Mosquito- and Tick-Borne Flavivirusesâ€. Biochemistry, 2004, 43, 9168-9176.	2.5	38
6	Allostery in Rabbit Pyruvate Kinase:â€‰ Development of A Strategy To Elucidate the Mechanism. Biochemistry, 1998, 37, 15266-15276.	2.5	29
7	Structure and Dynamics of the Modular Halves ofEscherichia coliCyclic AMP Receptor Proteinâ€. Biochemistry, 2002, 41, 14771-14778.	2.5	28
8	Ability of E. coli Cyclic AMP Receptor Protein To Differentiate Cyclic Nucelotides:â€‰ Effects of Single Site Mutations. Biochemistry, 2002, 41, 2946-2955.	2.5	27
9	Role of Residue 138 in the Interdomain Hinge Region in Transmitting Allosteric Signals for DNA Binding inEscherichia colicAMP Receptor Proteinâ€. Biochemistry, 2004, 43, 4662-4669.	2.5	26
10	Interplay between Site-Specific Mutations and Cyclic Nucleotides in Modulating DNA Recognition byEscherichia coliCyclic AMP Receptor Proteinâ€,â€¡. Biochemistry, 2004, 43, 8901-8910.	2.5	26
11	Biopharmaceutical formulation. Current Opinion in Biotechnology, 2000, 11, 81-84.	6.6	22
12	Effects of metabolites on the structural dynamics of rabbit muscle pyruvate kinase. Biophysical Chemistry, 2003, 103, 1-11.	2.8	21
13	HIV Rev self-assembly is linked to a molten-globule to compact structural transition. Biophysical Chemistry, 2004, 108, 101-119.	2.8	20
14	A domain in human EXOG converts apoptotic endonuclease to DNA-repair exonuclease. Nature Communications, 2017, 8, 14959.	12.8	19
15	Linkage of Multiequilibria in DNA Recognition by the D53HEscherichia colicAMP Receptor Proteinâ€. Biochemistry, 2002, 41, 14935-14943.	2.5	18
16	The Negative Dominant Effects of T340M Mutation on Mammalian Pyruvate Kinase. Journal of Biological Chemistry, 1998, 273, 14772-14779.	3.4	17
17	Interactive and Dominant Effects of Residues 128 and 141 on Cyclic Nucleotide and DNA Bindings in Escherichia coli cAMP Receptor Protein. Journal of Biological Chemistry, 1998, 273, 705-712.	3.4	17
18	<i>Escherichia coli</i> cAMP Receptor Proteinâ˜'DNA Complexes. 1. Energetic Contributions of Half-Sites and Flanking Sequences in DNA Recognition. Biochemistry, 1998, 37, 5194-5200.	2.5	15

#	Article	IF	Citations
19	Long Range Communication in the Envelope Protein Domain III and Its Effect on the Resistance of West Nile Virus to Antibody-mediated Neutralization. Journal of Biological Chemistry, 2008, 283, 613-622.	3.4	15
20	Modulation of allostery of pyruvate kinase by shifting of an ensemble of microstates. Acta Biochimica Et Biophysica Sinica, 2008, 40, 663-669.	2.0	14
21	Interfacial Communications in Recombinant Rabbit Kidney Pyruvate Kinaseâ€‚â€¡. Biochemistry, 1998, 37, 2949-2960.	2.5	13
22	The N-terminal Capping Propensities of the D-helix Modulate the Allosteric Activation of the Escherichia coli cAMP Receptor Protein. Journal of Biological Chemistry, 2012, 287, 39402-39411.	3.4	13
23	Thermodynamic Mechanism for the Evasion of Antibody Neutralization in Flaviviruses. Journal of the American Chemical Society, 2014, 136, 10315-10324.	13.7	9
24	Modulation of allosteric behavior through adjustment of the differential stability of the two interacting domains in E. coli cAMP receptor protein. Biophysical Chemistry, 2011, 159, 210-216.	2.8	7
25	A Hostâ€“Guest Relationship in Bone Morphogenetic Protein Receptor-II Defines Specificity in Ligandâ€“Receptor Recognition. Biochemistry, 2012, 51, 6968-6980.	2.5	7
26	Structural and Functional Energetic Linkages in Allosteric Regulation of Muscle Pyruvate Kinase. Methods in Enzymology, 2011, 488, 185-217.	1.0	6
27	Differential modulation of energy landscapes of cyclic AMP receptor protein (CRP) as a regulatory mechanism for class II CRP-dependent promoters. Journal of Biological Chemistry, 2019, 294, 15544-15556.	3.4	6
28	Long-Range Communication Network in the Type 1B Bone Morphogenetic Protein Receptor. Biochemistry, 2015, 54, 7079-7088.	2.5	3
29	Signal Transmission in <i>Escherichia coli</i> Cyclic AMP Receptor Protein for Survival in Extreme Acidic Conditions. Biochemistry, 2021, 60, 2987-3006.	2.5	2
30	Structural Energy Landscapes and Plasticity of the Microstates of Apo <i>Escherichia coli</i> cAMP Receptor Protein. Biochemistry, 2020, 59, 460-470.	2.5	1
31	A tribute to Dr. Serge N. Timasheff, our mentor. Biophysical Reviews, 2021, 13, 459-484.	3.2	1