

J Ching Lee

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7579233/publications.pdf>

Version: 2024-02-01

31
papers

632
citations

516215

16
h-index

580395

25
g-index

31
all docs

31
docs citations

31
times ranked

623
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | A tribute to Dr. Serge N. Timasheff, our mentor. <i>Biophysical Reviews</i> , 2021, 13, 459-484. | 1.5 | 1 |
| 2 | Signal Transmission in <i>Escherichia coli</i> Cyclic AMP Receptor Protein for Survival in Extreme Acidic Conditions. <i>Biochemistry</i> , 2021, 60, 2987-3006. | 1.2 | 2 |
| 3 | Structural Energy Landscapes and Plasticity of the Microstates of Apo <i>Escherichia coli</i> cAMP Receptor Protein. <i>Biochemistry</i> , 2020, 59, 460-470. | 1.2 | 1 |
| 4 | Differential modulation of energy landscapes of cyclic AMP receptor protein (CRP) as a regulatory mechanism for class II CRP-dependent promoters. <i>Journal of Biological Chemistry</i> , 2019, 294, 15544-15556. | 1.6 | 6 |
| 5 | A domain in human EXOG converts apoptotic endonuclease to DNA-repair exonuclease. <i>Nature Communications</i> , 2017, 8, 14959. | 5.8 | 19 |
| 6 | Long-Range Communication Network in the Type 1B Bone Morphogenetic Protein Receptor. <i>Biochemistry</i> , 2015, 54, 7079-7088. | 1.2 | 3 |
| 7 | Thermodynamic Mechanism for the Evasion of Antibody Neutralization in Flaviviruses. <i>Journal of the American Chemical Society</i> , 2014, 136, 10315-10324. | 6.6 | 9 |
| 8 | The N-terminal Capping Propensities of the D-helix Modulate the Allosteric Activation of the <i>Escherichia coli</i> cAMP Receptor Protein. <i>Journal of Biological Chemistry</i> , 2012, 287, 39402-39411. | 1.6 | 13 |
| 9 | A Host-Guest Relationship in Bone Morphogenetic Protein Receptor-II Defines Specificity in Ligand-Receptor Recognition. <i>Biochemistry</i> , 2012, 51, 6968-6980. | 1.2 | 7 |
| 10 | Modulation of allosteric behavior through adjustment of the differential stability of the two interacting domains in <i>E. coli</i> cAMP receptor protein. <i>Biophysical Chemistry</i> , 2011, 159, 210-216. | 1.5 | 7 |
| 11 | Structural and Functional Energetic Linkages in Allosteric Regulation of Muscle Pyruvate Kinase. <i>Methods in Enzymology</i> , 2011, 488, 185-217. | 0.4 | 6 |
| 12 | Modulation of allostery of pyruvate kinase by shifting of an ensemble of microstates. <i>Acta Biochimica Et Biophysica Sinica</i> , 2008, 40, 663-669. | 0.9 | 14 |
| 13 | Long Range Communication in the Envelope Protein Domain III and Its Effect on the Resistance of West Nile Virus to Antibody-mediated Neutralization. <i>Journal of Biological Chemistry</i> , 2008, 283, 613-622. | 1.6 | 15 |
| 14 | HIV Rev self-assembly is linked to a molten-globule to compact structural transition. <i>Biophysical Chemistry</i> , 2004, 108, 101-119. | 1.5 | 20 |
| 15 | Role of Residue 138 in the Interdomain Hinge Region in Transmitting Allosteric Signals for DNA Binding in <i>Escherichia coli</i> cAMP Receptor Protein. <i>Biochemistry</i> , 2004, 43, 4662-4669. | 1.2 | 26 |
| 16 | Interplay between Site-Specific Mutations and Cyclic Nucleotides in Modulating DNA Recognition by <i>Escherichia coli</i> Cyclic AMP Receptor Protein. <i>Biochemistry</i> , 2004, 43, 8901-8910. | 1.2 | 26 |
| 17 | Solution Structure and Structural Dynamics of Envelope Protein Domain III of Mosquito- and Tick-Borne Flaviviruses. <i>Biochemistry</i> , 2004, 43, 9168-9176. | 1.2 | 38 |
| 18 | A Linear Correlation between the Energetics of Allosteric Communication and Protein Flexibility in the <i>Escherichia coli</i> Cyclic AMP Receptor Protein Revealed by Mutation-Induced Changes in Compressibility and Amide Hydrogen Deuterium Exchange. <i>Biochemistry</i> , 2004, 43, 3844-3852. | 1.2 | 54 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Effects of metabolites on the structural dynamics of rabbit muscle pyruvate kinase. <i>Biophysical Chemistry</i> , 2003, 103, 1-11. | 1.5 | 21 |
| 20 | Communications between the High-Affinity Cyclic Nucleotide Binding Sites in <i>E. coli</i> Cyclic AMP Receptor Protein: A Effect of Single Site Mutations. <i>Biochemistry</i> , 2002, 41, 11857-11867. | 1.2 | 52 |
| 21 | Linkage of Multiequilibria in DNA Recognition by the D53H <i>Escherichia coli</i> Cyclic AMP Receptor Protein. <i>Biochemistry</i> , 2002, 41, 14935-14943. | 1.2 | 18 |
| 22 | Ligand-Induced Conformational and Structural Dynamics Changes in <i>Escherichia coli</i> Cyclic AMP Receptor Protein. <i>Biochemistry</i> , 2002, 41, 6660-6667. | 1.2 | 59 |
| 23 | Ability of <i>E. coli</i> Cyclic AMP Receptor Protein To Differentiate Cyclic Nucleotides: Effects of Single Site Mutations. <i>Biochemistry</i> , 2002, 41, 2946-2955. | 1.2 | 27 |
| 24 | Structure and Dynamics of the Modular Halves of <i>Escherichia coli</i> Cyclic AMP Receptor Protein. <i>Biochemistry</i> , 2002, 41, 14771-14778. | 1.2 | 28 |
| 25 | Biopharmaceutical formulation. <i>Current Opinion in Biotechnology</i> , 2000, 11, 81-84. | 3.3 | 22 |
| 26 | <i>Escherichia coli</i> Cyclic AMP Receptor Protein-DNA Complexes. 1. Energetic Contributions of Half-Sites and Flanking Sequences in DNA Recognition. <i>Biochemistry</i> , 1998, 37, 5194-5200. | 1.2 | 15 |
| 27 | Interfacial Communications in Recombinant Rabbit Kidney Pyruvate Kinase. <i>Biochemistry</i> , 1998, 37, 2949-2960. | 1.2 | 13 |
| 28 | Allostery in Rabbit Pyruvate Kinase: Development of A Strategy To Elucidate the Mechanism. <i>Biochemistry</i> , 1998, 37, 15266-15276. | 1.2 | 29 |
| 29 | The Negative Dominant Effects of T340M Mutation on Mammalian Pyruvate Kinase. <i>Journal of Biological Chemistry</i> , 1998, 273, 14772-14779. | 1.6 | 17 |
| 30 | Interactive and Dominant Effects of Residues 128 and 141 on Cyclic Nucleotide and DNA Bindings in <i>Escherichia coli</i> cAMP Receptor Protein. <i>Journal of Biological Chemistry</i> , 1998, 273, 705-712. | 1.6 | 17 |
| 31 | Mode of Selectivity in Cyclic AMP Receptor Protein-Dependent Promoters in <i>Escherichia coli</i> . <i>Biochemistry</i> , 1996, 35, 1162-1172. | 1.2 | 47 |