

Hue Sun Chan

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127
papers

10,666
citations

54
h-index

102
g-index

147
ext. papers

11,538
ext. citations

5.9
avg, IF

6.58
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 127 | From Levinthal to pathways to funnels. <i>Nature Structural and Molecular Biology</i> , 1997 , 4, 10-9 | 17.6 | 1924 |
| 126 | Principles of protein folding--a perspective from simple exact models. <i>Protein Science</i> , 1995 , 4, 561-602 | 6.3 | 1159 |
| 125 | Protein folding in the landscape perspective: chevron plots and non-Arrhenius kinetics. <i>Proteins: Structure, Function and Bioinformatics</i> , 1998 , 30, 2-33 | 4.2 | 364 |
| 124 | Transition states and folding dynamics of proteins and heteropolymers. <i>Journal of Chemical Physics</i> , 1994 , 100, 9238-9257 | 3.9 | 263 |
| 123 | Structural and hydrodynamic properties of an intrinsically disordered region of a germ cell-specific protein on phase separation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, E8194-E8203 | 11.5 | 227 |
| 122 | Compact polymers. <i>Macromolecules</i> , 1989 , 22, 4559-4573 | 5.5 | 225 |
| 121 | The effects of internal constraints on the configurations of chain molecules. <i>Journal of Chemical Physics</i> , 1990 , 92, 3118-3135 | 3.9 | 189 |
| 120 | Polyelectrostatic interactions of disordered ligands suggest a physical basis for ultrasensitivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 9650-5 | 11.5 | 186 |
| 119 | Intrachain loops in polymers: Effects of excluded volume. <i>Journal of Chemical Physics</i> , 1989 , 90, 492-509 | 3.9 | 185 |
| 118 | Sequence space soup of proteins and copolymers. <i>Journal of Chemical Physics</i> , 1991 , 95, 3775-3787 | 3.9 | 168 |
| 117 | Cooperativity, local-nonlocal coupling, and nonnative interactions: principles of protein folding from coarse-grained models. <i>Annual Review of Physical Chemistry</i> , 2011 , 62, 301-26 | 15.7 | 163 |
| 116 | Solvation effects and driving forces for protein thermodynamic and kinetic cooperativity: how adequate is native-centric topological modeling?. <i>Journal of Molecular Biology</i> , 2003 , 326, 911-31 | 6.5 | 161 |
| 115 | Cooperativity principles in protein folding. <i>Methods in Enzymology</i> , 2004 , 380, 350-79 | 1.7 | 157 |
| 114 | Temperature dependence of hydrophobic interactions: A mean force perspective, effects of water density, and nonadditivity of thermodynamic signatures. <i>Journal of Chemical Physics</i> , 2000 , 113, 4683-4700 | 7.0 | 152 |
| 113 | Sequence-Specific Polyampholyte Phase Separation in Membraneless Organelles. <i>Physical Review Letters</i> , 2016 , 117, 178101 | 7.4 | 149 |
| 112 | Polymer principles of protein calorimetric two-state cooperativity. <i>Proteins: Structure, Function and Bioinformatics</i> , 2000 , 40, 637-61 | 4.2 | 147 |
| 111 | Biophysics of protein evolution and evolutionary protein biophysics. <i>Journal of the Royal Society Interface</i> , 2014 , 11, 20140419 | 4.1 | 144 |

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| 110 | The why and how of DNA unlinking. <i>Nucleic Acids Research</i> , 2009 , 37, 661-71 | 20.1 | 127 |
| 109 | Modeling protein density of states: additive hydrophobic effects are insufficient for calorimetric two-state cooperativity. <i>Proteins: Structure, Function and Bioinformatics</i> , 2000 , 40, 543-71 | 4.2 | 123 |
| 108 | Phase Separation and Single-Chain Compactness of Charged Disordered Proteins Are Strongly Correlated. <i>Biophysical Journal</i> , 2017 , 112, 2043-2046 | 2.9 | 117 |
| 107 | Theories for Sequence-Dependent Phase Behaviors of Biomolecular Condensates. <i>Biochemistry</i> , 2018 , 57, 2499-2508 | 3.2 | 115 |
| 106 | Modeling the effects of mutations on the denatured states of proteins. <i>Protein Science</i> , 1992 , 1, 201-15 | 6.3 | 114 |
| 105 | Folding kinetics of proteins and copolymers. <i>Journal of Chemical Physics</i> , 1992 , 96, 768-780 | 3.9 | 113 |
| 104 | Energy landscapes and the collapse dynamics of homopolymers. <i>Journal of Chemical Physics</i> , 1993 , 99, 2116-2127 | 3.9 | 111 |
| 103 | Theoretical and experimental demonstration of the importance of specific nonnative interactions in protein folding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 9999-10004 | 11.5 | 109 |
| 102 | Energetic components of cooperative protein folding. <i>Physical Review Letters</i> , 2000 , 85, 4823-6 | 7.4 | 89 |
| 101 | Towards a consistent modeling of protein thermodynamic and kinetic cooperativity: how applicable is the transition state picture to folding and unfolding?. <i>Journal of Molecular Biology</i> , 2002 , 315, 899-909 | 6.5 | 85 |
| 100 | Origins of protein denatured state compactness and hydrophobic clustering in aqueous urea: inferences from nonpolar potentials of mean force. <i>Proteins: Structure, Function and Bioinformatics</i> , 2002 , 49, 560-6 | 4.2 | 82 |
| 99 | Competition between native topology and nonnative interactions in simple and complex folding kinetics of natural and designed proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 2920-5 | 11.5 | 80 |
| 98 | Recombinatoric exploration of novel folded structures: a heteropolymer-based model of protein evolutionary landscapes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 809-14 | 11.5 | 80 |
| 97 | Solvation: how to obtain microscopic energies from partitioning and solvation experiments. <i>Annual Review of Biophysics and Biomolecular Structure</i> , 1997 , 26, 425-59 | | 79 |
| 96 | Conformational propagation with prion-like characteristics in a simple model of protein folding. <i>Protein Science</i> , 2001 , 10, 819-35 | 6.3 | 79 |
| 95 | Comparing folding codes for proteins and polymers. <i>Proteins: Structure, Function and Bioinformatics</i> , 1996 , 24, 335-44 | 4.2 | 79 |
| 94 | Anti-cooperativity and cooperativity in hydrophobic interactions: Three-body free energy landscapes and comparison with implicit-solvent potential functions for proteins. <i>Proteins: Structure, Function and Bioinformatics</i> , 2002 , 48, 15-30 | 4.2 | 77 |
| 93 | A simple model of chaperonin-mediated protein folding. <i>Proteins: Structure, Function and Bioinformatics</i> , 1996 , 24, 345-51 | 4.2 | 76 |

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| 92 | Hydrophobic association of alpha-helices, steric dewetting, and enthalpic barriers to protein folding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 6206-10 ⁵ | 74 |
| 91 | Random-phase-approximation theory for sequence-dependent, biologically functional liquid-liquid phase separation of intrinsically disordered proteins. <i>Journal of Molecular Liquids</i> , 2017 , 228, 176-193 | 6 73 |
| 90 | Desolvation is a likely origin of robust enthalpic barriers to protein folding. <i>Journal of Molecular Biology</i> , 2005 , 349, 872-89 | 6.5 73 |
| 89 | Contact order dependent protein folding rates: kinetic consequences of a cooperative interplay between favorable nonlocal interactions and local conformational preferences. <i>Proteins: Structure, Function and Bioinformatics</i> , 2003 , 52, 524-33 | 4.2 68 |
| 88 | Solvation: Effects of molecular size and shape. <i>Journal of Chemical Physics</i> , 1994 , 101, 7007-7026 | 3.9 65 |
| 87 | Does compactness induce secondary structure in proteins? A study of poly-alanine chains computed by distance geometry. <i>Journal of Molecular Biology</i> , 1994 , 241, 557-73 | 6.5 65 |
| 86 | Criteria for downhill protein folding: calorimetry, chevron plot, kinetic relaxation, and single-molecule radius of gyration in chain models with subdued degrees of cooperativity. <i>Proteins: Structure, Function and Bioinformatics</i> , 2006 , 65, 373-91 | 4.2 63 |
| 85 | Coarse-grained residue-based models of disordered protein condensates: utility and limitations of simple charge pattern parameters. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 28558-28574 | 3.6 63 |
| 84 | A Lattice Model of Charge-Pattern-Dependent Polyampholyte Phase Separation. <i>Journal of Physical Chemistry B</i> , 2018 , 122, 5418-5431 | 3.4 62 |
| 83 | Charge pattern matching as a fuzzy mode of molecular recognition for the functional phase separations of intrinsically disordered proteins. <i>New Journal of Physics</i> , 2017 , 19, 115003 | 2.9 61 |
| 82 | Simple two-state protein folding kinetics requires near-levinthal thermodynamic cooperativity. <i>Proteins: Structure, Function and Bioinformatics</i> , 2003 , 52, 510-23 | 4.2 61 |
| 81 | Theoretical perspectives on nonnative interactions and intrinsic disorder in protein folding and binding. <i>Current Opinion in Structural Biology</i> , 2015 , 30, 32-42 | 8.1 60 |
| 80 | Temperature dependence of three-body hydrophobic interactions: potential of mean force, enthalpy, entropy, heat capacity, and nonadditivity. <i>Journal of the American Chemical Society</i> , 2005 , 127, 303-16 | 16.4 58 |
| 79 | Temperature, Hydrostatic Pressure, and Osmolyte Effects on Liquid-Liquid Phase Separation in Protein Condensates: Physical Chemistry and Biological Implications. <i>Chemistry - A European Journal</i> , 2019 , 25, 13049-13069 | 4.8 56 |
| 78 | Comparative roles of charge, , and hydrophobic interactions in sequence-dependent phase separation of intrinsically disordered proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 28795-28805 | 11.5 56 |
| 77 | A structural model of latent evolutionary potentials underlying neutral networks in proteins. <i>HFSP Journal</i> , 2007 , 1, 79-87 | 55 |
| 76 | Configuration-dependent heat capacity of pairwise hydrophobic interactions. <i>Journal of the American Chemical Society</i> , 2001 , 123, 2083-4 | 16.4 55 |
| 75 | Topological information embodied in local juxtaposition geometry provides a statistical mechanical basis for unknotting by type-2 DNA topoisomerases. <i>Journal of Molecular Biology</i> , 2006 , 361, 268-85 | 6.5 53 |

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| 74 | Oil/Water Partitioning Has a Different Thermodynamic Signature When the Oil Solvent Chains Are Aligned Than When They Are Amorphous. <i>Journal of Physical Chemistry B</i> , 1998 , 102, 7272-7279 | 3.4 | 52 |
| 73 | Origins of chevron rollovers in non-two-state protein folding kinetics. <i>Physical Review Letters</i> , 2003 , 90, 258104 | 7.4 | 52 |
| 72 | Polycation- π Interactions are a driving force for molecular recognition by an intrinsically disordered oncoprotein family. <i>PLoS Computational Biology</i> , 2013 , 9, e1003239 | 5 | 50 |
| 71 | Solvation and desolvation effects in protein folding: native flexibility, kinetic cooperativity and enthalpic barriers under isostability conditions. <i>Physical Biology</i> , 2005 , 2, S75-85 | 3 | 49 |
| 70 | Escape from Adaptive Conflict follows from weak functional trade-offs and mutational robustness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 14888-93 | 11.5 | 46 |
| 69 | Conformational Heterogeneity and FRET Data Interpretation for Dimensions of Unfolded Proteins. <i>Biophysical Journal</i> , 2017 , 113, 1012-1024 | 2.9 | 45 |
| 68 | Pressure-Dependent Properties of Elementary Hydrophobic Interactions: Ramifications for Activation Properties of Protein Folding. <i>Journal of Physical Chemistry B</i> , 2014 , 118, 7488-7509 | 3.4 | 44 |
| 67 | Desolvation barrier effects are a likely contributor to the remarkable diversity in the folding rates of small proteins. <i>Journal of Molecular Biology</i> , 2009 , 389, 619-36 | 6.5 | 44 |
| 66 | Pressure and temperature dependence of hydrophobic hydration: volumetric, compressibility, and thermodynamic signatures. <i>Journal of Chemical Physics</i> , 2007 , 126, 114507 | 3.9 | 43 |
| 65 | Anti-cooperativity in hydrophobic interactions: A simulation study of spatial dependence of three-body effects and beyond. <i>Journal of Chemical Physics</i> , 2001 , 115, 1414-1421 | 3.9 | 42 |
| 64 | New ghost-free infrared-soft gauges. <i>Physical Review D</i> , 1986 , 33, 540-547 | 4.9 | 42 |
| 63 | Kinetic consequences of native state optimization of surface-exposed electrostatic interactions in the Fyn SH3 domain. <i>Proteins: Structure, Function and Bioinformatics</i> , 2012 , 80, 858-70 | 4.2 | 40 |
| 62 | Perspectives on protein evolution from simple exact models. <i>Applied Bioinformatics</i> , 2002 , 1, 121-44 | | 40 |
| 61 | An Adequate Account of Excluded Volume Is Necessary To Infer Compactness and Asphericity of Disordered Proteins by Förster Resonance Energy Transfer. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 15191-202 | 3.4 | 39 |
| 60 | Kinetics of protein folding. <i>Nature</i> , 1995 , 373, 664-5 | 50.4 | 39 |
| 59 | A critical assessment of the topomer search model of protein folding using a continuum explicit-chain model with extensive conformational sampling. <i>Protein Science</i> , 2005 , 14, 1643-60 | 6.3 | 35 |
| 58 | Probing possible downhill folding: native contact topology likely places a significant constraint on the folding cooperativity of proteins with approximately 40 residues. <i>Journal of Molecular Biology</i> , 2008 , 384, 512-30 | 6.5 | 35 |
| 57 | Comparing folding codes in simple heteropolymer models of protein evolutionary landscape: robustness of the superfunnel paradigm. <i>Biophysical Journal</i> , 2005 , 88, 118-31 | 2.9 | 35 |

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| 56 | Conformational entropic barriers in topology-dependent protein folding: perspectives from a simple native-centric polymer model. <i>Journal of Physics Condensed Matter</i> , 2006 , 18, S307-S328 | 1.8 | 34 |
| 55 | Inferring global topology from local juxtaposition geometry: interlinking polymer rings and ramifications for topoisomerase action. <i>Biophysical Journal</i> , 2006 , 90, 2344-55 | 2.9 | 34 |
| 54 | Enhanced structure in polymers at interfaces. <i>Journal of Chemical Physics</i> , 1991 , 94, 8542-8557 | 3.9 | 34 |
| 53 | Pressure-Sensitive and Osmolyte-Modulated Liquid-Liquid Phase Separation of Eye-Lens β Crystallins. <i>Journal of the American Chemical Society</i> , 2019 , 141, 7347-7354 | 16.4 | 33 |
| 52 | A structural model of latent evolutionary potentials underlying neutral networks in proteins 2007 , 1, 79-87 | | 33 |
| 51 | Native contact density and nonnative hydrophobic effects in the folding of bacterial immunity proteins. <i>PLoS Computational Biology</i> , 2015 , 11, e1004260 | 5 | 32 |
| 50 | Transition paths, diffusive processes, and preequilibria of protein folding. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 20919-24 | 11.5 | 32 |
| 49 | Chevron behavior and isostable enthalpic barriers in protein folding: successes and limitations of simple β -like modeling. <i>Biophysical Journal</i> , 2005 , 89, 520-35 | 2.9 | 30 |
| 48 | An allosteric conduit facilitates dynamic multisite substrate recognition by the SCF ubiquitin ligase. <i>Nature Communications</i> , 2017 , 8, 13943 | 17.4 | 28 |
| 47 | Sparsely populated folding intermediates of the Fyn SH3 domain: matching native-centric essential dynamics and experiment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 14748-53 | 11.5 | 28 |
| 46 | A unified analytical theory of heteropolymers for sequence-specific phase behaviors of polyelectrolytes and polyampholytes. <i>Journal of Chemical Physics</i> , 2020 , 152, 045102 | 3.9 | 27 |
| 45 | Native topology of the designed protein Top7 is not conducive to cooperative folding. <i>Biophysical Journal</i> , 2009 , 96, L25-7 | 2.9 | 27 |
| 44 | Effects of desolvation barriers and sidechains on local-nonlocal coupling and chevron behaviors in coarse-grained models of protein folding. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 6460-79 | 3.6 | 26 |
| 43 | Pressure-Induced Dissolution and Reentrant Formation of Condensed, Liquid-Liquid Phase-Separated Elastomeric β Elastin. <i>Chemistry - A European Journal</i> , 2018 , 24, 8286-8291 | 4.8 | 25 |
| 42 | Action at hooked or twisted-hooked DNA juxtapositions rationalizes unlinking preference of type-2 topoisomerases. <i>Journal of Molecular Biology</i> , 2010 , 400, 963-82 | 6.5 | 23 |
| 41 | Efficient chain moves for Monte Carlo simulations of a wormlike DNA model: excluded volume, supercoils, site juxtapositions, knots, and comparisons with random-flight and lattice models. <i>Journal of Chemical Physics</i> , 2008 , 128, 145104 | 3.9 | 23 |
| 40 | Evolutionary dynamics on protein bi-stability landscapes can potentially resolve adaptive conflicts. <i>PLoS Computational Biology</i> , 2012 , 8, e1002659 | 5 | 22 |
| 39 | Explicit-chain model of native-state hydrogen exchange: implications for event ordering and cooperativity in protein folding. <i>Proteins: Structure, Function and Bioinformatics</i> , 2005 , 58, 31-44 | 4.2 | 22 |

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| 38 | Analytical Theory for Sequence-Specific Binary Fuzzy Complexes of Charged Intrinsically Disordered Proteins. <i>Journal of Physical Chemistry B</i> , 2020 , 124, 6709-6720 | 3.4 | 21 |
| 37 | Quantitative analysis of the effects of photoswitchable distance constraints on the structure of a globular protein. <i>Biochemistry</i> , 2012 , 51, 6421-31 | 3.2 | 21 |
| 36 | A critical comparison of coarse-grained structure-based approaches and atomic models of protein folding. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 13629-13639 | 3.6 | 20 |
| 35 | Energetics of protein thermodynamic cooperativity: contributions of local and nonlocal interactions. <i>Polymer</i> , 2004 , 45, 623-632 | 3.9 | 20 |
| 34 | Exploring the effects of hydrogen bonding and hydrophobic interactions on the foldability and cooperativity of helical proteins using a simplified atomic model. <i>Chemical Physics</i> , 2004 , 307, 187-199 | 2.3 | 20 |
| 33 | Continuum regularization of gauge theory with fermions. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1986 , 33, 77-88 | | 20 |
| 32 | An exact lattice model of complex solutions: Chemical potentials depend on solute and solvent shape. <i>Journal of Chemical Physics</i> , 1995 , 103, 10675-10688 | 3.9 | 19 |
| 31 | Hydrophobic interactions in the formation of secondary structures in small peptides. <i>Physical Review E</i> , 2011 , 84, 041931 | 2.4 | 18 |
| 30 | Statistical mechanics of solvophobic aggregation: Additive and cooperative effects. <i>Journal of Chemical Physics</i> , 2001 , 115, 3424-3431 | 3.9 | 16 |
| 29 | Coordinate-space formulation of polymer lattice cluster theory. <i>Journal of Chemical Physics</i> , 1993 , 98, 9951-9962 | 3.9 | 16 |
| 28 | Theoretical Insights into the Biophysics of Protein Bi-stability and Evolutionary Switches. <i>PLoS Computational Biology</i> , 2016 , 12, e1004960 | 5 | 16 |
| 27 | Conformations of a Metastable SH3 Domain Characterized by smFRET and an Excluded-Volume Polymer Model. <i>Biophysical Journal</i> , 2016 , 110, 1510-1522 | 2.9 | 15 |
| 26 | Spatial ranges of driving forces are a key determinant of protein folding cooperativity and rate diversity. <i>Physical Review E</i> , 2013 , 88, 044701 | 2.4 | 14 |
| 25 | Local site preference rationalizes disentangling by DNA topoisomerases. <i>Physical Review E</i> , 2010 , 81, 031902 | 2.4 | 13 |
| 24 | A Simple Explicit-Solvent Model of Polyampholyte Phase Behaviors and Its Ramifications for Dielectric Effects in Biomolecular Condensates. <i>Journal of Physical Chemistry B</i> , 2021 , 125, 4337-4358 | 3.4 | 12 |
| 23 | Reply to Comment on Anti-cooperativity in hydrophobic interactions: A simulation study of spatial dependence of three-body effects and beyond [J. Chem. Phys. 116, 2665 (2002)]. <i>Journal of Chemical Physics</i> , 2002 , 116, 2668-2669 | 3.9 | 11 |
| 22 | Subcompartmentalization of polyampholyte species in organelle-like condensates is promoted by charge-pattern mismatch and strong excluded-volume interaction. <i>Physical Review E</i> , 2021 , 103, 042406 | 2.4 | 11 |
| 21 | Pressure Sensitivity of SynGAP/PSD-95 Condensates as a Model for Postsynaptic Densities and Its Biophysical and Neurological Ramifications. <i>Chemistry - A European Journal</i> , 2020 , 26, 11024-11031 | 4.8 | 10 |

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| 20 | Volumetric Physics of Polypeptide Coil-Helix Transitions. <i>Biochemistry</i> , 2016 , 55, 6269-6281 | 3.2 | 10 |
| 19 | Extracting Microscopic Energies from Oil-Phase Solvation Experiments. <i>Journal of Physical Chemistry B</i> , 2000 , 104, 7471-7482 | 3.4 | 10 |
| 18 | Continuum-regularized quantum gravity. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1987 , 36, 669-693 | | 10 |
| 17 | Evolvability and single-genotype fluctuation in phenotypic properties: a simple heteropolymer model. <i>Biophysical Journal</i> , 2010 , 98, 2487-96 | 2.9 | 8 |
| 16 | Interplaying roles of native topology and chain length in marginally cooperative and noncooperative folding of small protein fragments. <i>International Journal of Quantum Chemistry</i> , 2009 , 109, 3482-3499 | 2.1 | 8 |
| 15 | Selective adsorption of block copolymers on patterned surfaces. <i>Journal of Chemical Physics</i> , 2006 , 125, 164909 | 3.9 | 7 |
| 14 | Non-Grassmann formulation of regularized gauge theory with fermions. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1987 , 34, 267-276 | | 7 |
| 13 | Amino Acid Side-chain Hydrophobicity 2002 , | | 6 |
| 12 | Liaison amid disorder: non-native interactions may underpin long-range coupling in proteins. <i>Journal of Biology</i> , 2009 , 8, 27 | | 5 |
| 11 | Molecular recognition and packing frustration in a helical protein. <i>PLoS Computational Biology</i> , 2017 , 13, e1005909 | 5 | 4 |
| 10 | Consistent rationalization of type-2 topoisomerases' unknotting, decatenating, supercoil-relaxing actions and their scaling relation. <i>Journal of Physics Condensed Matter</i> , 2015 , 27, 354103 | 1.8 | 4 |
| 9 | Small-Angle X-ray Scattering Signatures of Conformational Heterogeneity and Homogeneity of Disordered Protein Ensembles. <i>Journal of Physical Chemistry B</i> , 2021 , 125, 6451-6478 | 3.4 | 4 |
| 8 | Assembly of model postsynaptic densities involves interactions auxiliary to stoichiometric binding. <i>Biophysical Journal</i> , 2021 , | 2.9 | 3 |
| 7 | Short-range contact preferences and long-range indifference: is protein folding stoichiometry driven?. <i>Journal of Biomolecular Structure and Dynamics</i> , 2011 , 28, 603-5; discussion 669-674 | 3.6 | 2 |
| 6 | A simple model of chaperonin-mediated protein folding 1996 , 24, 345 | | 2 |
| 5 | Polymer principles of protein calorimetric two-state cooperativity 2000 , 40, 637 | | 2 |
| 4 | Polymer principles of protein calorimetric two-state cooperativity 2000 , 40, 637 | | 2 |
| 3 | Thermodynamics and kinetics of Topoll action: A consensus on T-segment curvature selection? Comment on "Disentangling DNA Molecules" by Alexander Vologodskii. <i>Physics of Life Reviews</i> , 2016 , 18, 135-138 | 2.1 | 1 |

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1 Simplified Models of Protein Folding **2005**, 1823-1836