

Emanuele Paci

List of Publications by Year in descending order

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134
papers

13,367
citations

61984

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22832

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142
all docs

142
docs citations

142
times ranked

14445
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | CHARMM: The biomolecular simulation program. <i>Journal of Computational Chemistry</i> , 2009, 30, 1545-1614. | 3.3 | 7,077 |
| 2 | Three key residues form a critical contact network in a protein folding transition state. <i>Nature</i> , 2001, 409, 641-645. | 27.8 | 423 |
| 3 | Pulling geometry defines the mechanical resistance of a β -sheet protein. <i>Nature Structural and Molecular Biology</i> , 2003, 10, 731-737. | 8.2 | 356 |
| 4 | Small-world view of the amino acids that play a key role in protein folding. <i>Physical Review E</i> , 2002, 65, 061910. | 2.1 | 336 |
| 5 | Forced unfolding of fibronectin type 3 modules: an analysis by biased molecular dynamics simulations. <i>Journal of Molecular Biology</i> , 1999, 288, 441-459. | 4.2 | 323 |
| 6 | Allostery in Its Many Disguises: From Theory to Applications. <i>Structure</i> , 2019, 27, 566-578. | 3.3 | 285 |
| 7 | Unfolding proteins by external forces and temperature: The importance of topology and energetics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 6521-6526. | 7.1 | 282 |
| 8 | Mechanical Unfolding of a Titin Ig Domain: Structure of Unfolding Intermediate Revealed by Combining AFM, Molecular Dynamics Simulations, NMR and Protein Engineering. <i>Journal of Molecular Biology</i> , 2002, 322, 841-849. | 4.2 | 200 |
| 9 | Mechanical Unfolding of a Titin Ig Domain: Structure of Transition State Revealed by Combining Atomic Force Microscopy, Protein Engineering and Molecular Dynamics Simulations. <i>Journal of Molecular Biology</i> , 2003, 330, 867-877. | 4.2 | 168 |
| 10 | Mechanically Unfolding the Small, Topologically Simple Protein L. <i>Biophysical Journal</i> , 2005, 89, 506-519. | 0.5 | 154 |
| 11 | Pulling Direction as a Reaction Coordinate for the Mechanical Unfolding of Single Molecules. <i>Journal of Physical Chemistry B</i> , 2008, 112, 5968-5976. | 2.6 | 135 |
| 12 | Rare Fluctuations of Native Proteins Sampled by Equilibrium Hydrogen Exchange. <i>Journal of the American Chemical Society</i> , 2003, 125, 15686-15687. | 13.7 | 122 |
| 13 | Mechanical Unfolding of TNfn3: The Unfolding Pathway of a fnIII Domain Probed by Protein Engineering, AFM and MD Simulation. <i>Journal of Molecular Biology</i> , 2005, 350, 776-789. | 4.2 | 110 |
| 14 | The Remarkable Mechanical Strength of Polycystin-1 Supports a Direct Role in Mechanotransduction. <i>Journal of Molecular Biology</i> , 2005, 349, 861-871. | 4.2 | 108 |
| 15 | Determination of a Transition State at Atomic Resolution from Protein Engineering Data. <i>Journal of Molecular Biology</i> , 2002, 324, 151-163. | 4.2 | 107 |
| 16 | Mechanical Resistance of Proteins Explained Using Simple Molecular Models. <i>Biophysical Journal</i> , 2006, 90, 287-297. | 0.5 | 106 |
| 17 | Protein folding and the organization of the protein topology universe. <i>Trends in Biochemical Sciences</i> , 2005, 30, 13-19. | 7.5 | 101 |
| 18 | Determination of an ensemble of structures representing the intermediate state of the bacterial immunity protein Im7. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 99-104. | 7.1 | 90 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Transition states for protein folding have native topologies despite high structural variability. <i>Nature Structural and Molecular Biology</i> , 2004, 11, 443-449. | 8.2 | 88 |
| 20 | Title is missing!. <i>Journal of Computational Chemistry</i> , 1997, 18, 1848. | 3.3 | 77 |
| 21 | Structures and relative free energies of partially folded states of proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 14817-14821. | 7.1 | 71 |
| 22 | Boxed Molecular Dynamics: A Simple and General Technique for Accelerating Rare Event Kinetics and Mapping Free Energy in Large Molecular Systems. <i>Journal of Physical Chemistry B</i> , 2009, 113, 16603-16611. | 2.6 | 70 |
| 23 | Intrinsic compressibility and volume compression in solvated proteins by molecular dynamics simulation at high pressure.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 11609-11614. | 7.1 | 68 |
| 24 | Activation energies by molecular dynamics with constraints. <i>Chemical Physics Letters</i> , 1991, 176, 581-587. | 2.6 | 67 |
| 25 | Molecular Dynamics Studies of the Process of Amyloid Aggregation of Peptide Fragments of Transthyretin. <i>Journal of Molecular Biology</i> , 2004, 340, 555-569. | 4.2 | 65 |
| 26 | Transition State Contact Orders Correlate with Protein Folding Rates. <i>Journal of Molecular Biology</i> , 2005, 352, 495-500. | 4.2 | 64 |
| 27 | Gating of TonB-dependent transporters by substrate-specific forced remodelling. <i>Nature Communications</i> , 2017, 8, 14804. | 12.8 | 64 |
| 28 | Exploration of partially unfolded states of human α -lactalbumin by molecular dynamics simulation11Edited by B. Honig. <i>Journal of Molecular Biology</i> , 2001, 306, 329-347. | 4.2 | 61 |
| 29 | Native and non-native interactions along protein folding and unfolding pathways. <i>Proteins: Structure, Function and Bioinformatics</i> , 2002, 47, 379-392. | 2.6 | 61 |
| 30 | Mechanical Unfolding of an Ankyrin Repeat Protein. <i>Biophysical Journal</i> , 2010, 98, 1294-1301. | 0.5 | 56 |
| 31 | Self-consistent determination of the transition state for protein folding: Application to a fibronectin type III domain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 394-399. | 7.1 | 55 |
| 32 | Mechanical unfolding revisited through a simple but realistic model. <i>Journal of Chemical Physics</i> , 2006, 124, 154909. | 3.0 | 55 |
| 33 | Unraveling the molecular basis of subunit specificity in P pilus assembly by mass spectrometry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 12873-12878. | 7.1 | 54 |
| 34 | Stable Single α -Helices Are Constant Force Springs in Proteins. <i>Journal of Biological Chemistry</i> , 2014, 289, 27825-27835. | 3.4 | 54 |
| 35 | High pressure simulations of biomolecules. <i>BBA - Proteins and Proteomics</i> , 2002, 1595, 185-200. | 2.1 | 53 |
| 36 | Cooperative folding of intrinsically disordered domains drives assembly of a strong elongated protein. <i>Nature Communications</i> , 2015, 6, 7271. | 12.8 | 52 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Validity of G^{\ddagger} -Models: Comparison with a Solvent-Shielded Empirical Energy Decomposition. <i>Biophysical Journal</i> , 2002, 83, 3032-3038. | 0.5 | 50 |
| 38 | Protein folding: bringing theory and experiment closer together. <i>Current Opinion in Structural Biology</i> , 2003, 13, 82-87. | 5.7 | 50 |
| 39 | Analysis of the distributed computing approach applied to the folding of a small β^2 peptide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 8217-8222. | 7.1 | 47 |
| 40 | Forces and energetics of hapten-antibody dissociation: a biased molecular dynamics simulation study 1 Edited by B. Honig. <i>Journal of Molecular Biology</i> , 2001, 314, 589-605. | 4.2 | 46 |
| 41 | On the volume of macromolecules. <i>Biopolymers</i> , 1997, 41, 785-797. | 2.4 | 44 |
| 42 | Comparison of the Transition States for Folding of Two Ig-like Proteins from Different Superfamilies. <i>Journal of Molecular Biology</i> , 2004, 343, 1111-1123. | 4.2 | 44 |
| 43 | Free energy for protein folding from nonequilibrium simulations using the Jarzynski equality. <i>Journal of Chemical Physics</i> , 2006, 125, 204910. | 3.0 | 44 |
| 44 | Boxed Molecular Dynamics: Decorrelation Time Scales and the Kinetic Master Equation. <i>Journal of Chemical Theory and Computation</i> , 2011, 7, 1244-1252. | 5.3 | 44 |
| 45 | Comparison of the transition state ensembles for folding of Im7 and Im9 determined using all-atom molecular dynamics simulations with \bar{r}_v value restraints. <i>Proteins: Structure, Function and Bioinformatics</i> , 2003, 54, 513-525. | 2.6 | 41 |
| 46 | The structure of a folding intermediate provides insight into differences in immunoglobulin amyloidogenicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 13373-13378. | 7.1 | 41 |
| 47 | Direct evidence of the multidimensionality of the free-energy landscapes of proteins revealed by mechanical probes. <i>Physical Review E</i> , 2010, 81, 031923. | 2.1 | 41 |
| 48 | Fast protein folding on downhill energy landscape. <i>Protein Science</i> , 2003, 12, 1801-1803. | 7.6 | 40 |
| 49 | Characterization of long and stable de novo single alpha-helix domains provides novel insight into their stability. <i>Scientific Reports</i> , 2017, 7, 44341. | 3.3 | 40 |
| 50 | Constant-Pressure Molecular Dynamics Techniques Applied to Complex Molecular Systems and Solvated Proteins. <i>The Journal of Physical Chemistry</i> , 1996, 100, 4314-4322. | 2.9 | 37 |
| 51 | Prediction of the Translocation Kinetics of a Protein from Its Mechanical Properties. <i>Biophysical Journal</i> , 2006, 91, L51-L53. | 0.5 | 34 |
| 52 | Donor-Strand Exchange in Chaperone-Assisted Pilus Assembly Revealed in Atomic Detail by Molecular Dynamics. <i>Journal of Molecular Biology</i> , 2008, 375, 908-919. | 4.2 | 34 |
| 53 | Assessment of ab initio models of protein complexes by molecular dynamics. <i>PLoS Computational Biology</i> , 2018, 14, e1006182. | 3.2 | 33 |
| 54 | Sampling of molecular conformations by molecular dynamics techniques. <i>Molecular Physics</i> , 1993, 79, 515-522. | 1.7 | 32 |

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|----|--|-----|-----------|
| 55 | Calculation of Mutational Free Energy Changes in Transition States for Protein Folding. <i>Biophysical Journal</i> , 2003, 85, 1207-1214. | 0.5 | 31 |
| 56 | Molecular Dynamics Simulation of Dextran Extension by Constant Force in Single Molecule AFM. <i>Biophysical Journal</i> , 2006, 91, 3579-3588. | 0.5 | 31 |
| 57 | ALMOST: An all atom molecular simulation toolkit for protein structure determination. <i>Journal of Computational Chemistry</i> , 2014, 35, 1101-1105. | 3.3 | 31 |
| 58 | The Effect of Increasing the Stability of Non-native Interactions on the Folding Landscape of the Bacterial Immunity Protein Im9. <i>Journal of Molecular Biology</i> , 2007, 371, 554-568. | 4.2 | 30 |
| 59 | Non-Native Interactions Are Critical for Mechanical Strength in PKD Domains. <i>Structure</i> , 2009, 17, 1582-1590. | 3.3 | 28 |
| 60 | Tracking Local Conformational Changes of Ribonuclease A Using Picosecond Time-Resolved Fluorescence of the Six Tyrosine Residues. <i>Biophysical Journal</i> , 2007, 92, 4401-4414. | 0.5 | 27 |
| 61 | Fluorescence Lifetimes of Tyrosine Residues in Cytochrome c ² as Local Probes to Study Protein Unfolding. <i>Journal of Physical Chemistry B</i> , 2009, 113, 4466-4474. | 2.6 | 27 |
| 62 | Single-Molecule Folding Mechanism of an EF-Hand Neuronal Calcium Sensor. <i>Structure</i> , 2013, 21, 1812-1821. | 3.3 | 27 |
| 63 | The major determinant of exendin ⁴ /glucagon ^{like} peptide 1 differential affinity at the rat glucagon ^{like} peptide 1 receptor N ^{terminal} domain is a hydrogen bond from SER ³² of exendin ⁴ . <i>British Journal of Pharmacology</i> , 2010, 160, 1973-1984. | 5.4 | 26 |
| 64 | Nonexponential Kinetics of Loop Formation in Proteins and Peptides: A Signature of Rugged Free Energy Landscapes?. <i>Journal of Physical Chemistry B</i> , 2017, 121, 9518-9525. | 2.6 | 26 |
| 65 | Complex Unfolding Kinetics of Single-Domain Proteins in the Presence of Force. <i>Biophysical Journal</i> , 2010, 99, 1620-1627. | 0.5 | 25 |
| 66 | Disorder drives cooperative folding in a multidomain protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 11841-11846. | 7.1 | 24 |
| 67 | Differential Effects of Hydrophobic Core Packing Residues for Thermodynamic and Mechanical Stability of a Hyperthermophilic Protein. <i>Langmuir</i> , 2016, 32, 7392-7402. | 3.5 | 24 |
| 68 | Structural Determinants of Polymerization Reactivity of the P pilus Adaptor Subunit PapF. <i>Structure</i> , 2008, 16, 1724-1731. | 3.3 | 22 |
| 69 | Analysis of the Free-Energy Surface of Proteins from Reversible Folding Simulations. <i>PLoS Computational Biology</i> , 2009, 5, e1000428. | 3.2 | 22 |
| 70 | Comparison of Sequence-Based and Structure-Based Energy Functions for the Reversible Folding of a Peptide. <i>Biophysical Journal</i> , 2005, 88, 3158-3166. | 0.5 | 21 |
| 71 | Structural Comparison of the Two Alternative Transition States for Folding of TI I27. <i>Biophysical Journal</i> , 2006, 91, 263-275. | 0.5 | 21 |
| 72 | Dimer asymmetry in superoxide dismutase studied by molecular dynamics simulation. <i>Journal of Computer-Aided Molecular Design</i> , 1996, 10, 490-498. | 2.9 | 20 |

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|----|---|------|-----------|
| 73 | Peptide kinetics from picoseconds to microseconds using boxed molecular dynamics: Power law rate coefficients in cyclisation reactions. <i>Journal of Chemical Physics</i> , 2012, 137, 165102. | 3.0 | 20 |
| 74 | Estimating Constraints for Protection Factors from HDX-MS Data. <i>Biophysical Journal</i> , 2019, 116, 1194-1203. | 0.5 | 20 |
| 75 | Change of the unbinding mechanism upon a mutation: A molecular dynamics study of an antibody-hapten complex. <i>Protein Science</i> , 2005, 14, 2499-2514. | 7.6 | 19 |
| 76 | Rate of Loop Formation in Peptides: A Simulation Study. <i>Journal of Molecular Biology</i> , 2008, 382, 556-565. | 4.2 | 19 |
| 77 | Dynamics of the Coiled-Coil Unfolding Transition of Myosin Rod Probed by Dissipation Force Spectrum. <i>Biophysical Journal</i> , 2010, 99, 257-262. | 0.5 | 18 |
| 78 | Effects of Ligand Binding on the Mechanical Properties of Ankyrin Repeat Protein Gankyrin. <i>PLoS Computational Biology</i> , 2013, 9, e1002864. | 3.2 | 18 |
| 79 | Activation of PKA via asymmetric allosteric coupling of structurally conserved cyclic nucleotide binding domains. <i>Nature Communications</i> , 2019, 10, 3984. | 12.8 | 18 |
| 80 | Directed Assembly of Homopentameric Cholera Toxin B-Subunit Proteins into Higher-Order Structures Using Coiled-Coil Appendages. <i>Journal of the American Chemical Society</i> , 2019, 141, 5211-5219. | 13.7 | 18 |
| 81 | Adaptive free energy sampling in multidimensional collective variable space using boxed molecular dynamics. <i>Faraday Discussions</i> , 2016, 195, 395-419. | 3.2 | 17 |
| 82 | Membrane Crossing by a Polar Molecule: A Molecular Dynamics Simulation. <i>Molecular Simulation</i> , 1994, 14, 1-10. | 2.0 | 16 |
| 83 | Free-Energy Landscapes of Proteins in the Presence and Absence of Force. <i>Journal of Physical Chemistry B</i> , 2008, 112, 16902-16907. | 2.6 | 16 |
| 84 | Flexibility within the Rotor and Stators of the Vacuolar H ⁺ -ATPase. <i>PLoS ONE</i> , 2013, 8, e82207. | 2.5 | 16 |
| 85 | Internal protein dynamics shifts the distance to the mechanical transition state. <i>Physical Review E</i> , 2006, 74, 061912. | 2.1 | 15 |
| 86 | Functional Dynamics of Hexameric Helicase Probed by Hydrogen Exchange and Simulation. <i>Biophysical Journal</i> , 2014, 107, 983-990. | 0.5 | 15 |
| 87 | Defining the remarkable structural malleability of a bacterial surface protein Rib domain implicated in infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 26540-26548. | 7.1 | 15 |
| 88 | Periscope Proteins are variable-length regulators of bacterial cell surface interactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, . | 7.1 | 15 |
| 89 | Understanding the apparent stator-rotor connections in the rotary ATPase family using coarse-grained computer modeling. <i>Proteins: Structure, Function and Bioinformatics</i> , 2014, 82, 3298-3311. | 2.6 | 14 |
| 90 | Extraction of Accurate Biomolecular Parameters from Single-Molecule Force Spectroscopy Experiments. <i>ACS Nano</i> , 2015, 9, 1315-1324. | 14.6 | 14 |

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| 91 | Characterization of the molten globule state of retinol-binding protein using a molecular dynamics simulation approach. FEBS Journal, 2005, 272, 4826-4838. | 4.7 | 13 |
| 92 | Sequential Unfolding of Individual Helices of Bacterioopsin Observed in Molecular Dynamics Simulations of Extraction from the Purple Membrane. Biophysical Journal, 2006, 91, 3276-3284. | 0.5 | 13 |
| 93 | The Structure of Neuronal Calcium Sensor-1 in Solution Revealed by Molecular Dynamics Simulations. PLoS ONE, 2013, 8, e74383. | 2.5 | 12 |
| 94 | Dynamic ion pair behavior stabilizes single α -helices in proteins. Journal of Biological Chemistry, 2019, 294, 3219-3234. | 3.4 | 12 |
| 95 | Helical Polyampholyte Sequences Have Unique Thermodynamic Properties. Journal of Physical Chemistry B, 2018, 122, 11784-11791. | 2.6 | 11 |
| 96 | Vacancy migration rates by molecular dynamics with constraints. Journal of Physics Condensed Matter, 1992, 4, 2173-2184. | 1.8 | 10 |
| 97 | Oriental averaging of dye molecules attached to proteins in Förster resonance energy transfer measurements: Insights from a simulation study. Journal of Chemical Physics, 2009, 131, 065101. | 3.0 | 10 |
| 98 | Tuning protein mechanics through an ionic cluster graft from an extremophilic protein. Soft Matter, 2016, 12, 2688-2699. | 2.7 | 10 |
| 99 | A mechanism for agonist activation of the glucagon-like peptide-1 (GLP-1) receptor through modelling & molecular dynamics. Biochemical and Biophysical Research Communications, 2018, 498, 359-365. | 2.1 | 10 |
| 100 | Myosin tails and single α -helical domains. Biochemical Society Transactions, 2015, 43, 58-63. | 3.4 | 9 |
| 101 | Transition states for protein folding using molecular dynamics and experimental restraints. Journal of Physics Condensed Matter, 2007, 19, 285211. | 1.8 | 8 |
| 102 | New Dynamical Window onto the Landscape for Forced Protein Unfolding. Physical Review Letters, 2008, 101, 248104. | 7.8 | 8 |
| 103 | Communication: Conformation state diagram of polypeptides: A chain length induced α - β transition. Journal of Chemical Physics, 2011, 135, 061101. | 3.0 | 8 |
| 104 | Optimal Reaction Coordinate as a Biomarker for the Dynamics of Recovery from Kidney Transplant. PLoS Computational Biology, 2014, 10, e1003685. | 3.2 | 8 |
| 105 | Detection of non-native hydrophobic interactions in the denatured state of lysozyme by molecular dynamics simulations. Journal of Physics Condensed Matter, 2005, 17, S1617-S1626. | 1.8 | 6 |
| 106 | Probing the free energy landscape of the FBP28WW domain using multiple techniques. Journal of Computational Chemistry, 2009, 30, 1059-1068. | 3.3 | 6 |
| 107 | Simulation of fluorescence resonance energy transfer experiments: effect of the dyes on protein folding. Journal of Physics Condensed Matter, 2010, 22, 235103. | 1.8 | 6 |
| 108 | Modulation of a Protein Free-Energy Landscape by Circular Permutation. Journal of Physical Chemistry B, 2013, 117, 13743-13747. | 2.6 | 6 |

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|-----|--|-----|-----------|
| 109 | The Role of High-Dimensional Diffusive Search, Stabilization, and Frustration in Protein Folding. <i>Biophysical Journal</i> , 2014, 106, 1729-1740. | 0.5 | 6 |
| 110 | Computational Modeling of Designed Ankyrin Repeat Protein Complexes with Their Targets. <i>Journal of Molecular Biology</i> , 2019, 431, 2852-2868. | 4.2 | 6 |
| 111 | Induction of rare conformation of oligosaccharide by binding to calcium-dependent bacterial lectin: X-ray crystallography and modelling study. <i>European Journal of Medicinal Chemistry</i> , 2019, 177, 212-220. | 5.5 | 6 |
| 112 | Partial Opening of Cytochrome P450cam (CYP101A1) Is Driven by Allostery and Putidaredoxin Binding. <i>Biochemistry</i> , 2021, 60, 2932-2942. | 2.5 | 6 |
| 113 | Unraveling the Factors That Control Soft Landing of Small Silyl Ions on Fluorinated Self-Assembled Monolayers. <i>Journal of Physical Chemistry C</i> , 2014, 118, 10159-10169. | 3.1 | 5 |
| 114 | Protein mechanics probed using simple molecular models. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020, 1864, 129613. | 2.4 | 5 |
| 115 | Fluctuation power spectra reveal dynamical heterogeneity of peptides. <i>Journal of Chemical Physics</i> , 2010, 133, 015101. | 3.0 | 4 |
| 116 | Effect of external pulling forces on the length distribution of peptides. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2015, 1850, 903-910. | 2.4 | 4 |
| 117 | High-Resolution Hydrogen-Deuterium Protection Factors from Sparse Mass Spectrometry Data Validated by Nuclear Magnetic Resonance Measurements. <i>Journal of the American Society for Mass Spectrometry</i> , 2022, 33, 813-822. | 2.8 | 4 |
| 118 | Growth Kinetics of Bacterial Pili from Pairwise Pilin Association Rates. <i>PLoS ONE</i> , 2013, 8, e63065. | 2.5 | 3 |
| 119 | Prediction of stability changes upon mutation in an icosahedral capsid. <i>Proteins: Structure, Function and Bioinformatics</i> , 2015, 83, 1733-1741. | 2.6 | 2 |
| 120 | Characterization of the flexibility of the peripheral stalk of prokaryotic rotary A-ATPases by atomistic simulations. <i>Proteins: Structure, Function and Bioinformatics</i> , 2016, 84, 1203-1212. | 2.6 | 2 |
| 121 | Using Models to Design New Bioinspired Materials. <i>Biophysical Journal</i> , 2012, 103, 1814-1815. | 0.5 | 1 |
| 122 | Prying Open Single GroES Ring Complexes by Force Reveals Cooperativity across Domains. <i>Biophysical Journal</i> , 2012, 102, 1961-1968. | 0.5 | 1 |
| 123 | Terahertz time-domain spectroscopy of lysozyme and mouse urinary protein single crystals. , 2013, , . | | 1 |
| 124 | Free-energy Landscapes of Proteins in the Presence of a Small Force. , 2009, , . | | 0 |
| 125 | Modulation of a Protein Free Energy Landscape by Circular Permutation. <i>Biophysical Journal</i> , 2012, 102, 57a-58a. | 0.5 | 0 |
| 126 | Functional Dynamics of the Packaging Motor P4 Probed by Hydrogen Exchange and Simulation. <i>Biophysical Journal</i> , 2014, 106, 457a. | 0.5 | 0 |

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|-----|---|-----|-----------|
| 127 | Kinetic of Loop Formation in Polypeptides and Free Energy Landscapes. Biophysical Journal, 2014, 106, 260a-261a. | 0.5 | 0 |
| 128 | Using Time-Resolved Changes in Reflection Intensity to Test Mechanistic Hypotheses. Biophysical Journal, 2014, 106, 461a. | 0.5 | 0 |
| 129 | Unravelling the Properties of Single α -Helical Domains in Myosin and other Proteins. Biophysical Journal, 2014, 106, 626a. | 0.5 | 0 |
| 130 | Determining How Many Ionic Interactions are Needed for the High Stability of Single Alpha Helical (SAH) Domains. Biophysical Journal, 2015, 108, 16a. | 0.5 | 0 |
| 131 | The Folding of SasG: A Long and Remarkably Strong Monomeric Protein Responsible for Biofilm Formation is a Highly Cooperative System. Biophysical Journal, 2015, 108, 346a. | 0.5 | 0 |
| 132 | Hydrogen-Deuterium Exchange Mass Spectroscopy to Determine Structure and Structural Dynamics of Protein Complexes. Biophysical Journal, 2017, 112, 469a. | 0.5 | 0 |
| 133 | Can Hydrogen-Deuterium Exchange Rates at Single Residue Level Be Obtained from HDX-MS Data?. Biophysical Journal, 2019, 116, 288a-289a. | 0.5 | 0 |
| 134 | Computational methods to predict the mutational landscape of the spike protein.. Biophysical Journal, 2021, 120, 2763-2765. | 0.5 | 0 |