

Lisa J Lapidus

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8682408/publications.pdf>

Version: 2024-02-01

46
papers

2,454
citations

236925

25
h-index

254184

43
g-index

72
all docs

72
docs citations

72
times ranked

2486
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of Submillisecond Protein Folding Using Trp Fluorescence and Photochemical Oxidation. <i>Methods in Molecular Biology</i> , 2022, 2376, 135-142.	0.9	1
2	The road less traveled in protein folding: evidence for multiple pathways. <i>Current Opinion in Structural Biology</i> , 2021, 66, 83-88.	5.7	3
3	Physics at the Molecular and Cellular Level (P@MCL): A New Curriculum for Introductory Physics. <i>The Biophysicist</i> , 2021, 2, 30-39.	0.3	3
4	Response to Comment by Shlyonsky. <i>The Biophysicist</i> , 2021, 2, 107-108.	0.3	0
5	Single molecule force spectroscopy at high data acquisition: A Bayesian nonparametric analysis. <i>Journal of Chemical Physics</i> , 2018, 148, 123320.	3.0	35
6	Intramolecular Diffusion in $\hat{I}\pm$ -Synuclein: It Depends on How You Measure It. <i>Biophysical Journal</i> , 2018, 115, 1190-1199.	0.5	11
7	Combined Force Ramp and Equilibrium High-Resolution Investigations Reveal Multipath Heterogeneous Unfolding of Protein G. <i>Journal of Physical Chemistry B</i> , 2018, 122, 11155-11165.	2.6	9
8	Prion protein dynamics before aggregation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3572-3577.	7.1	25
9	Fluorescent Probe DCVJ Shows High Sensitivity for Characterization of Amyloid $\hat{I}\pm$ Peptide Early in the Lag Phase. <i>ChemBioChem</i> , 2017, 18, 2205-2211.	2.6	11
10	Nortriptyline inhibits aggregation and neurotoxicity of alpha-synuclein by enhancing reconfiguration of the monomeric form. <i>Neurobiology of Disease</i> , 2017, 106, 191-204.	4.4	28
11	Enzyme-free electrochemical immunosensor based on methylene blue and the electro-oxidation of hydrazine on Pt nanoparticles. <i>Biosensors and Bioelectronics</i> , 2017, 92, 372-377.	10.1	59
12	Complete Procedure for Fabrication of a Fused Silica Ultrarapid Microfluidic Mixer Used in Biophysical Measurements. <i>Micromachines</i> , 2017, 8, 16.	2.9	18
13	Protein unfolding mechanisms and their effects on folding experiments. <i>F1000Research</i> , 2017, 6, 1723.	1.6	31
14	Intramolecular diffusion controls aggregation of the PAPf39 peptide. <i>Biophysical Chemistry</i> , 2016, 216, 37-43.	2.8	11
15	Monomer Dynamics of Alzheimer Peptides and Kinetic Control of Early Aggregation in Alzheimer's Disease. <i>ChemPhysChem</i> , 2016, 17, 3470-3479.	2.1	20
16	Effects of Mutations on the Reconfiguration Rate of $\hat{I}\pm$ -Synuclein. <i>Journal of Physical Chemistry B</i> , 2015, 119, 15443-15450.	2.6	14
17	Molecular Basis for Preventing $\hat{I}\pm$ -Synuclein Aggregation by a Molecular Tweezer. <i>Journal of Biological Chemistry</i> , 2014, 289, 10727-10737.	3.4	85
18	Complex Pathways in Folding of Protein G Explored by Simulation and Experiment. <i>Biophysical Journal</i> , 2014, 107, 947-955.	0.5	41

#	ARTICLE	IF	CITATIONS
19	Understanding protein aggregation from the view of monomer dynamics. <i>Molecular BioSystems</i> , 2013, 9, 29-35.	2.9	41
20	Exploring the top of the protein folding funnel by experiment. <i>Current Opinion in Structural Biology</i> , 2013, 23, 30-35.	5.7	17
21	Combining Ultrarapid Mixing with Photochemical Oxidation to Probe Protein Folding. <i>Analytical Chemistry</i> , 2013, 85, 4920-4924.	6.5	23
22	Sub-millisecond Chain Collapse of the Escherichia coli Globin ApoHmpH. <i>Journal of Physical Chemistry B</i> , 2013, 117, 7868-7877.	2.6	9
23	Exploring the Energy Landscape of Nucleic Acid Hairpins Using Laser Temperature-Jump and Microfluidic Mixing. <i>Journal of the American Chemical Society</i> , 2012, 134, 18952-18963.	13.7	43
24	Slow Unfolded-State Structuring in Acyl-CoA Binding Protein Folding Revealed by Simulation and Experiment. <i>Journal of the American Chemical Society</i> , 2012, 134, 12565-12577.	13.7	132
25	Microfluidic Mixers for Studying Protein Folding. <i>Journal of Visualized Experiments</i> , 2012, , .	0.3	3
26	Aggregation of I \pm -synuclein is kinetically controlled by intramolecular diffusion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 2336-2341.	7.1	83
27	Curcumin Prevents Aggregation in I \pm -Synuclein by Increasing Reconfiguration Rate. <i>Journal of Biological Chemistry</i> , 2012, 287, 9193-9199.	3.4	147
28	Evidence of Multiple Folding Pathways for the Villin Headpiece Subdomain. <i>Journal of Physical Chemistry B</i> , 2011, 115, 12632-12637.	2.6	31
29	Extremely slow intramolecular diffusion in unfolded protein L. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 13713-13717.	7.1	88
30	A General Polymer Model of Unfolded Proteins under Folding Conditions. <i>Journal of Physical Chemistry B</i> , 2010, 114, 15969-15975.	2.6	13
31	Unfolded-State Dynamics and Structure of Protein L Characterized by Simulation and Experiment. <i>Journal of the American Chemical Society</i> , 2010, 132, 4702-4709.	13.7	86
32	Direct Observation of Downhill Folding of I \pm -Repressor in a Microfluidic Mixer. <i>Biophysical Journal</i> , 2009, 97, 1772-1777.	0.5	39
33	Conformational Properties of Unfolded HypF-N. <i>Journal of Physical Chemistry B</i> , 2009, 113, 16209-16213.	2.6	17
34	Exploring the Folding Landscape of Lambda Repressor with Microfluidic Mixing. <i>Biophysical Journal</i> , 2009, 96, 589a.	0.5	0
35	The Intrinsic Stiffness of Polyglutamine Peptides. <i>Journal of Physical Chemistry B</i> , 2008, 112, 13172-13176.	2.6	36
36	Ruggedness in the folding landscape of protein L. <i>HFSP Journal</i> , 2008, 2, 388-395.	2.5	25

#	ARTICLE	IF	CITATIONS
37	Dynamic Similarity of the Unfolded States of Proteins L and G ^{<sup></sup>. <i>Biochemistry</i>, 2007, 46, 10046-10054.}	2.5	33
38	Protein Hydrophobic Collapse and Early Folding Steps Observed in a Microfluidic Mixer. <i>Biophysical Journal</i> , 2007, 93, 218-224.	0.5	74
39	Effects of Denaturants on the Dynamics of Loop Formation in Polypeptides. <i>Biophysical Journal</i> , 2006, 91, 276-288.	0.5	93
40	Kinetics of Intramolecular Contact Formation in a Denatured Protein. <i>Journal of Molecular Biology</i> , 2003, 332, 9-12.	4.2	59
41	How fast is protein hydrophobic collapse?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 12117-12122.	7.1	183
42	Effects of Chain Stiffness on the Dynamics of Loop Formation in Polypeptides. Appendix:Â Testing a 1-Dimensional Diffusion Model for Peptide Dynamics. <i>Journal of Physical Chemistry B</i> , 2002, 106, 11628-11640.	2.6	197
43	Measuring Dynamic Flexibility of the Coil State of a Helix-forming Peptide. <i>Journal of Molecular Biology</i> , 2002, 319, 19-25.	4.2	48
44	Dynamics of Intramolecular Contact Formation in Polypeptides: Distance Dependence of Quenching Rates in a Room-Temperature Glass. <i>Physical Review Letters</i> , 2001, 87, 258101.	7.8	70
45	Fast Kinetics and Mechanisms in Protein Folding. <i>Annual Review of Biophysics and Biomolecular Structure</i> , 2000, 29, 327-359.	18.3	459
46	Symposia lectures. <i>Journal of Biosciences</i> , 1999, 24, 5-31.	1.1	0