

# Allan Chris M Ferreon

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

1,962  
citations

361413

20  
h-index

454955

30  
g-index

31  
all docs

31  
docs citations

31  
times ranked

2540  
citing authors

#	ARTICLE	IF	CITATIONS
1	Interplay of $\alpha$ -synuclein binding and conformational switching probed by single-molecule fluorescence. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 5645-5650.	7.1	379
2	Modulation of allostery by protein intrinsic disorder. Nature, 2013, 498, 390-394.	27.8	295
3	Graded enhancement of p53 binding to CREB-binding protein (CBP) by multisite phosphorylation. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 19290-19295.	7.1	188
4	Visualizing a one-way protein encounter complex by ultrafast single-molecule mixing. Nature Methods, 2011, 8, 239-241.	19.0	128
5	Single-Molecule Fluorescence Studies of Intrinsically Disordered Proteins. Methods in Enzymology, 2010, 472, 179-204.	1.0	104
6	$\alpha$ -Synuclein Multistate Folding Thermodynamics: Implications for Protein Misfolding and Aggregation. Biochemistry, 2007, 46, 4499-4509.	2.5	90
7	Metrics that Differentiate the Origins of Osmolyte Effects on Protein Stability: A Test of the Surface Tension Proposal. Journal of Molecular Biology, 2006, 361, 983-992.	4.2	81
8	Direct single-molecule observation of a protein living in two opposed native structures. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 10153-10158.	7.1	72
9	Thermodynamics of Denaturant-Induced Unfolding of a Protein That Exhibits Variable Two-State Denaturation. Biochemistry, 2004, 43, 13357-13369.	2.5	67
10	Counteracting chemical chaperone effects on the single-molecule $\alpha$ -synuclein structural landscape. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 17826-17831.	7.1	65
11	Glycan recognition in globally dominant human rotaviruses. Nature Communications, 2018, 9, 2631.	12.8	63
12	Alteration of the $\alpha$ -Synuclein Folding Landscape by a Mutation Related to Parkinson's Disease. Angewandte Chemie - International Edition, 2010, 49, 3469-3472.	13.8	58
13	The N-terminal Domain of ALS-Linked TDP-43 Assembles without Misfolding. Angewandte Chemie - International Edition, 2017, 56, 12590-12593.	13.8	52
14	Protein folding at single-molecule resolution. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2011, 1814, 1021-1029.	2.3	46
15	Liquid condensation of reprogramming factor KLF4 with DNA provides a mechanism for chromatin organization. Nature Communications, 2021, 12, 5579.	12.8	45
16	A Chemical Chaperone Decouples TDP-43 Disordered Domain Phase Separation from Fibrillation. Biochemistry, 2018, 57, 6822-6826.	2.5	41
17	High-Resolution Temperature-Concentration Diagram of $\alpha$ -Synuclein Conformation Obtained from a Single Förster Resonance Energy Transfer Image in a Microfluidic Device. Analytical Chemistry, 2009, 81, 6929-6935.	6.5	30
18	Electrostatic modulation of hnRNPA1 low-complexity domain liquid-liquid phase separation and aggregation. Protein Science, 2021, 30, 1408-1417.	7.6	26

#	ARTICLE	IF	CITATIONS
19	Forced Folding of a Disordered Protein Accesses an Alternative Folding Landscape. <i>ChemPhysChem</i> , 2015, 16, 90-94.	2.1	24
20	Protein Phase Diagrams II: Nonideal Behavior of Biochemical Reactions in the Presence of Osmolytes. <i>Biophysical Journal</i> , 2007, 92, 245-256.	0.5	21
21	NANOG prion-like assembly mediates DNA bridging to facilitate chromatin reorganization and activation of pluripotency. <i>Nature Cell Biology</i> , 2022, 24, 737-747.	10.3	19
22	Structure of an EIIC sugar transporter trapped in an inward-facing conformation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 5962-5967.	7.1	18
23	Influenza A Virus Protein NS1 Exhibits Strain-Independent Conformational Plasticity. <i>Journal of Virology</i> , 2019, 93, .	3.4	11
24	Structural thermodynamics of a random coil protein in guanidine hydrochloride. <i>Proteins: Structure, Function and Bioinformatics</i> , 2000, 41, 44-49.	2.6	10
25	Direct Single-Molecule Observation of Sequential DNA Bending Transitions by the Sox2 HMG Box. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3865.	4.1	7
26	Structural thermodynamics of a random coil protein in guanidine hydrochloride. <i>Proteins: Structure, Function and Bioinformatics</i> , 2000, 41, 44-49.	2.6	6
27	Denaturant-specific effects on the structural energetics of a protein-denatured ensemble. <i>European Biophysics Journal</i> , 2018, 47, 89-94.	2.2	4
28	Single-Molecule FRET Detection of Early-Stage Conformations in $\alpha$ -Synuclein Aggregation. <i>Methods in Molecular Biology</i> , 2019, 1948, 221-233.	0.9	4
29	Ligand interactions and the protein order-disorder energetic continuum. <i>Seminars in Cell and Developmental Biology</i> , 2020, 99, 78-85.	5.0	4
30	Osmolyte-, Binding-, and Temperature-Induced Transitions of Intrinsically Disordered Proteins. , 2012, 896, 257-266.		2
31	The N-terminal Domain of ALS-linked TDP <sup>43</sup> Assembles without Misfolding. <i>Angewandte Chemie</i> , 2017, 129, 12764-12767.	2.0	2