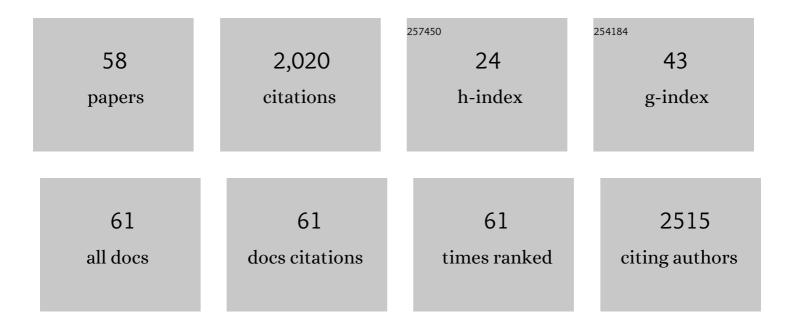
List of Publications by Year in descending order

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ΙΓΛΝ ΒΛΙΙΜ

#	Article	IF	CITATIONS
1	Structural Reorganization of α-Synuclein at Low pH Observed by NMR and REMD Simulations. Journal of Molecular Biology, 2009, 391, 784-796.	4.2	170
2	Nâ€ŧerminal acetylation of αâ€synuclein induces increased transient helical propensity and decreased aggregation rates in the intrinsically disordered monomer. Protein Science, 2012, 21, 911-917.	7.6	161
3	Characterization of Conformational and Dynamic Properties of Natively Unfolded Human and Mouse α-Synuclein Ensembles by NMR: Implication for Aggregation. Journal of Molecular Biology, 2008, 378, 1104-1115.	4.2	112
4	Solution structure of a de novo protein from a designed combinatorial library. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 13270-13273.	7.1	107
5	Synthesis and Nuclear Magnetic Resonance Structure Determination of an .alphaHelical, Bicyclic, Lactam-Bridged Hexapeptide. Journal of the American Chemical Society, 1994, 116, 6431-6432.	13.7	96
6	Detection of Transient Interchain Interactions in the Intrinsically Disordered Protein α-Synuclein by NMR Paramagnetic Relaxation Enhancement. Journal of the American Chemical Society, 2010, 132, 5546-5547.	13.7	93
7	A Revised Picture of the Cu(II)â^'α-Synuclein Complex: The Role of N-Terminal Acetylation. Biochemistry, 2014, 53, 2815-2817.	2.5	71
8	Backbone dynamics of the natively unfolded pro-peptide of subtilisin by heteronuclear NMR relaxation studies. Journal of Biomolecular NMR, 2001, 20, 233-249.	2.8	68
9	NMR and CD studies of triple-helical peptides. Biopolymers, 1992, 32, 447-451.	2.4	61
10	Site-Specific NMR Monitoring of cisâ^'trans Isomerization in the Folding of the Proline-Rich Collagen Triple Helixâ€. Biochemistry, 2000, 39, 4299-4308.	2.5	57
11	Nuclear Magnetic Resonance Shows Asymmetric Loss of Triple Helix in Peptides Modeling a Collagen Mutation in Brittle Bone Disease. Biochemistry, 1998, 37, 15528-15533.	2.5	56
12	Dynamics of Unfolded Proteins:Â Incorporation of Distributions of Correlation Times in the Model Free Analysis of NMR Relaxation Data. Journal of the American Chemical Society, 1999, 121, 8671-8672.	13.7	55
13	Unveiling transient protein-protein interactions that modulate inhibition of alpha-synuclein aggregation by beta-synuclein, a pre-synaptic protein that co-localizes with alpha-synuclein. Scientific Reports, 2015, 5, 15164.	3.3	53
14	1H-NMR assignments and local environments of aromatic residues in bovine, human and guinea pig variants of alpha-lactalbumin. FEBS Journal, 1992, 210, 699-709.	0.2	51
15	Structure and dynamics of de novo proteins from a designed superfamily of 4â€helix bundles. Protein Science, 2008, 17, 821-832.	7.6	48
16	The A53T Mutation is Key in Defining the Differences in the Aggregation Kinetics of Human and Mouse α-Synuclein. Journal of the American Chemical Society, 2011, 133, 13465-13470.	13.7	45
17	Mechanistic Insight into the Relationship between N-Terminal Acetylation of α-Synuclein and Fibril Formation Rates by NMR and Fluorescence. PLoS ONE, 2013, 8, e75018.	2.5	43
18	PET-RAFT and SAXS: High Throughput Tools To Study Compactness and Flexibility of Single-Chain Polymer Nanoparticles. Macromolecules, 2019, 52, 8295-8304.	4.8	43

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19	A pH-dependent switch promotes β-synuclein fibril formation via glutamate residues. Journal of Biological Chemistry, 2017, 292, 16368-16379.	3.4	41
20	Conformational Features of a Natural Break in the Type IV Collagen Gly-X-Y Repeat. Journal of Biological Chemistry, 2006, 281, 17197-17202.	3.4	37
21	Investigation of the Polymeric Properties of α-Synuclein and Comparison with NMR Experiments: A Replica Exchange Molecular Dynamics Study. Journal of Chemical Theory and Computation, 2012, 8, 3929-3942.	5.3	31
22	Evolution of the <scp>SARSâ€CoV</scp> â€2 proteome in three dimensions (3D) during the first 6 months of the <scp>COVID</scp> â€19 pandemic. Proteins: Structure, Function and Bioinformatics, 2022, 90, 1054-1080.	2.6	31
23	Molecular dynamics analysis of a flexible loop at the binding interface of the <scp>SARSâ€CoV</scp> â€2 spike protein <scp>receptorâ€binding</scp> domain. Proteins: Structure, Function and Bioinformatics, 2022, 90, 1044-1053.	2.6	30
24	Exploring the accessible conformations of Nâ€ŧerminal acetylated αâ€synuclein. FEBS Letters, 2013, 587, 1128-1138.	2.8	29
25	NMR unveils an N-terminal interaction interface on acetylated-α-synuclein monomers for recruitment to fibrils. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	29
26	Dynamic Water-Mediated Hydrogen Bonding in a Collagen Model Peptide. Biochemistry, 2015, 54, 6029-6037.	2.5	26
27	Antioxidant Nanoparticles for Concerted Inhibition of α-Synuclein Fibrillization, and Attenuation of Microglial Intracellular Aggregation and Activation. Frontiers in Bioengineering and Biotechnology, 2020, 8, 112.	4.1	26
28	Cryptic binding sites become accessible through surface reconstruction of the type I collagen fibril. Scientific Reports, 2018, 8, 16646.	3.3	23
29	Electrostatic interactions in the acid denaturation of αâ€lactalbumin determined by nmr. Protein Science, 1998, 7, 1930-1938.	7.6	22
30	Multi-Pronged Interactions Underlie Inhibition of α-Synuclein Aggregation by β-Synuclein. Journal of Molecular Biology, 2018, 430, 2360-2371.	4.2	22
31	Nuclear magnetic resonance characterization of peptide models of collagen–folding diseases. Philosophical Transactions of the Royal Society B: Biological Sciences, 2001, 356, 159-168.	4.0	21
32	Revealing Accessibility of Cryptic Protein Binding Sites within the Functional Collagen Fibril. Biomolecules, 2017, 7, 76.	4.0	21
33	NMR Studies Demonstrate a Unique AAB Composition and Chain Register for a Heterotrimeric Type IV Collagen Model Peptide Containing a Natural Interruption Site. Journal of Biological Chemistry, 2015, 290, 24201-24209.	3.4	19
34	Polymer brain-nanotherapeutics for multipronged inhibition of microglial α-synuclein aggregation, activation, and neurotoxicity. Biomaterials, 2016, 111, 179-189.	11.4	19
35	Extracellular matrix components modulate different stages in β2-microglobulin amyloid formation. Journal of Biological Chemistry, 2019, 294, 9392-9401.	3.4	19
36	Fast hydrogen exchange affects 15N relaxation measurements in intrinsically disordered proteins. Journal of Biomolecular NMR, 2013, 55, 249-256.	2.8	18

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37	Increased Dynamics of α-Synuclein Fibrils by β-Synuclein Leads to Reduced Seeding and Cytotoxicity. Scientific Reports, 2019, 9, 17579.	3.3	17
38	Interactions between the Intrinsically Disordered Proteins β‣ynuclein and α‣ynuclein. Proteomics, 2018, 18, e1800109.	2.2	16
39	Magnesium Activates Microsecond Dynamics to Regulate Integrin-Collagen Recognition. Structure, 2018, 26, 1080-1090.e5.	3.3	15
40	Collagen I Weakly Interacts with the β-Sheets of β ₂ -Microglobulin and Enhances Conformational Exchange To Induce Amyloid Formation. Journal of the American Chemical Society, 2020, 142, 1321-1331.	13.7	15
41	Local amino acid sequence patterns dominate the heterogeneous phenotype for the collagen connective tissue disease Osteogenesis Imperfecta resulting from Gly mutations. Journal of Structural Biology, 2015, 192, 127-137.	2.8	14
42	Backbone assignment and dynamics of human α-synuclein in viscous 2ÂM glucose solution. Biomolecular NMR Assignments, 2011, 5, 43-46.	0.8	13
43	The loss of inhibitory Câ€ŧerminal conformations in disease associated P123H βâ€synuclein. Protein Science, 2016, 25, 286-294.	7.6	13
44	Identification of Partially Disordered Peptide Intermediates through Residue-Specific NMR Diffusion Measurements. Journal of the American Chemical Society, 2005, 127, 10490-10491.	13.7	12
45	Apoptosis signal regulating kinase 1 deletion mitigates α-synuclein pre-formed fibril propagation in mice. Neurobiology of Aging, 2020, 85, 49-57.	3.1	9
46	DJ-1 Acts as a Scavenger of α-Synuclein Oligomers and Restores Monomeric Glycated α-Synuclein. Biomolecules, 2021, 11, 1466.	4.0	8
47	Intermolecular Paramagnetic Relaxation Enhancement (PRE) Studies of Transient Complexes in Intrinsically Disordered Proteins. Methods in Molecular Biology, 2016, 1345, 45-53.	0.9	7
48	1H, 13C and 15N resonance assignments of S-824, a de novo four-helix bundle from a designed combinatorial library. Journal of Biomolecular NMR, 2003, 27, 395-396.	2.8	5
49	Intrinsic local destabilization of the Câ€ŧerminus predisposes integrin α1 I domain to a conformational switch induced by collagen binding. Protein Science, 2016, 25, 1672-1681.	7.6	4
50	Crystal structure and nmr conformation of a cyclic pseudotetrapeptide containing urethane backbone linkages. Biopolymers, 1994, 34, 403-414.	2.4	3
51	Tertiary Contacts in αa-Lactalbumin at pH 7 and pH 2: A Molecular Dynamics Study. Journal of Biomolecular Structure and Dynamics, 1998, 16, 355-365.	3.5	3
52	Structural Insights into the Glycine Pair Motifs in Type III Collagen. ACS Biomaterials Science and Engineering, 2017, 3, 269-278.	5.2	3
53	Mimicking cotranslational folding of prosubtilisin E in vitro. Journal of Biochemistry, 2020, 167, 473-482.	1.7	3
54	NMR assignment of S836: a de novo protein from a designed superfamily. Biomolecular NMR Assignments, 2007, 1, 213-215.	0.8	2

#	Article	IF	CITATIONS
55	Protein Aggregation. Protein Science, 2018, 27, 1149-1150.	7.6	2
56	Molecular underpinnings of integrin binding to collagen-mimetic peptides containing vascular Ehlers–Danlos syndrome–associated substitutions. Journal of Biological Chemistry, 2019, 294, 14442-14453.	3.4	1
57	The 2021 FASEB Virtual Science Research Conference on Protein Aggregation: Function, Dysfunction, and Disease, June 23–25, 2021. FASEB Journal, 2021, 35, e21884.	0.5	Ο
58	NMR structure determination and DNA binding properties of GCN4 peptidomimetics designed for $\hat{l}\pm$ -helix initiation and stabilization. , 2002, , 463-464.		0