

What's in a name? Why these proteins are intrinsically

Intrinsically Disordered Proteins

1, e24157

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Solvent interaction analysis of intrinsically disordered proteins in aqueous two-phase systems. <i>Molecular BioSystems</i> , 2013, 9, 3068.	2.9	14
2	RAPID: Fast and accurate sequence-based prediction of intrinsic disorder content on proteomic scale. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013, 1834, 1671-1680.	1.1	49
3	The UBE2E Proteins as Conjugating Dispersers: Extending Function with Extended Extensions. <i>Journal of Molecular Biology</i> , 2013, 425, 4067-4070.	2.0	3
4	Another Disordered Chameleon: The Micro-Exon Gene 14 Protein from Schistosomiasis. <i>Biophysical Journal</i> , 2013, 104, 2326-2328.	0.2	2
5	A decade and a half of protein intrinsic disorder: Biology still waits for physics. <i>Protein Science</i> , 2013, 22, 693-724.	3.1	415
6	The most important thing is the tail: Multitudinous functionalities of intrinsically disordered protein termini. <i>FEBS Letters</i> , 2013, 587, 1891-1901.	1.3	117
7	Structural characterizations of phosphorylatable residues in transmembrane proteins from <i>Arabidopsis thaliana</i> . <i>Intrinsically Disordered Proteins</i> , 2013, 1, e25713.	1.9	5
8	Digested disorder. <i>Intrinsically Disordered Proteins</i> , 2013, 1, e27454.	1.9	6
9	Disorder in the lifetime of a protein. <i>Intrinsically Disordered Proteins</i> , 2013, 1, e26782.	1.9	9
10	Ordered Disorder of the Astrocytic Dystrophin-Associated Protein Complex in the Norm and Pathology. <i>PLoS ONE</i> , 2013, 8, e73476.	1.1	12
11	Dynamic New World: Refining Our View of Protein Structure, Function and Evolution. <i>Proteomes</i> , 2014, 2, 128-153.	1.7	19
12	Origination of the Protein Fold Repertoire from Oily Pluripotent Peptides. <i>Proteomes</i> , 2014, 2, 154-168.	1.7	5
13	pE-DB: a database of structural ensembles of intrinsically disordered and of unfolded proteins. <i>Nucleic Acids Research</i> , 2014, 42, D326-D335.	6.5	195
14	Toward a consensus in protein structure nomenclature. <i>Intrinsically Disordered Proteins</i> , 2014, 2, e970902.	1.9	2
15	Lysophospholipid-Containing Membranes Modulate the Fibril Formation of the Repeat Domain of a Human Functional Amyloid, Pmel17. <i>Journal of Molecular Biology</i> , 2014, 426, 4074-4086.	2.0	21
16	New Force Field on Modeling Intrinsically Disordered Proteins. <i>Chemical Biology and Drug Design</i> , 2014, 84, 253-269.	1.5	110
17	Structural Determinants Allowing Transferase Activity in SENSITIVE TO FREEZING 2, Classified as a Family I Glycosyl Hydrolase. <i>Journal of Biological Chemistry</i> , 2014, 289, 26089-26106.	1.6	23
18	A putative role of the Sup35p C-terminal domain in the cytoskeleton organization during yeast mitosis. <i>Molecular BioSystems</i> , 2014, 10, 925-940.	2.9	5

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19	Structural Disorder in Viral Proteins. <i>Chemical Reviews</i> , 2014, 114, 6880-6911.	23.0	181
20	Introducing Protein Intrinsic Disorder. <i>Chemical Reviews</i> , 2014, 114, 6561-6588.	23.0	628
21	Introduction to Intrinsically Disordered Proteins (IDPs). <i>Chemical Reviews</i> , 2014, 114, 6557-6560.	23.0	118
22	Classification of Intrinsically Disordered Regions and Proteins. <i>Chemical Reviews</i> , 2014, 114, 6589-6631.	23.0	1,618
23	Conditionally and Transiently Disordered Proteins: Awakening Cryptic Disorder To Regulate Protein Function. <i>Chemical Reviews</i> , 2014, 114, 6779-6805.	23.0	165
24	Ordered Water within the Collapsed Globules of an Amyloidogenic Intrinsically Disordered Protein. <i>Journal of Physical Chemistry B</i> , 2014, 118, 9191-9198.	1.2	36
25	Intrinsically Disordered Proteins and Intrinsically Disordered Protein Regions. <i>Annual Review of Biochemistry</i> , 2014, 83, 553-584.	5.0	850
26	In various protein complexes, disordered protomers have large perâ€residue surface areas and area of proteinâ€; DNAâ€and RNAâ€binding interfaces. <i>FEBS Letters</i> , 2015, 589, 2561-2569.	1.3	42
27	Structural disorder within paramyxoviral nucleoproteins. <i>FEBS Letters</i> , 2015, 589, 2649-2659.	1.3	19
28	Force fieldâ€dependent solution properties of glycine oligomers. <i>Journal of Computational Chemistry</i> , 2015, 36, 1275-1285.	1.5	26
29	Can proteins be intrinsically disordered inside a membrane?. <i>Intrinsically Disordered Proteins</i> , 2015, 3, e984570.	1.9	8
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31	Dynamic footprint of sequestration in the molecular fluctuations of osteopontin. <i>Journal of the Royal Society Interface</i> , 2015, 12, 20150506.	1.5	16
32	Testing the transferability of a coarse-grained model to intrinsically disordered proteins. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 31741-31749.	1.3	22
33	Dynamics of the Intrinsically Disordered Câ€Terminal Domain of the Nipah Virus Nucleoprotein and Interaction with the X Domain of the Phosphoprotein as Unveiled by NMR Spectroscopy. <i>ChemBioChem</i> , 2015, 16, 268-276.	1.3	31
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35	The Complexity of Protein Structure and the Challenges it Poses in Developing Biopharmaceuticals. , 2015, , 1-21.		3
36	Structural investigation on the intrinsically disordered N-terminal region of HPV16 E7 protein. <i>BMB Reports</i> , 2016, 49, 431-436.	1.1	15

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37	Expression, Purification, and Characterization of Interleukin-11 Orthologues. <i>Molecules</i> , 2016, 21, 1632.	1.7	3
38	Autophagy-related intrinsically disordered proteins in intra-nuclear compartments. <i>Molecular BioSystems</i> , 2016, 12, 2798-2817.	2.9	27
39	Chicken cathelicidins as potent intrinsically disordered biocides with antimicrobial activity against infectious pathogens. <i>Developmental and Comparative Immunology</i> , 2016, 65, 8-24.	1.0	12
40	Native globular actin has a thermodynamically unstable quasi-stationary structure with elements of intrinsic disorder. <i>FEBS Journal</i> , 2016, 283, 438-445.	2.2	10
41	How disordered is my protein and what is its disorder for? A guide through the "dark side" of the protein universe. <i>Intrinsically Disordered Proteins</i> , 2016, 4, e1259708.	1.9	87
42	Direct Observation of the Intrinsic Backbone Torsional Mobility of Disordered Proteins. <i>Biophysical Journal</i> , 2016, 111, 768-774.	0.2	34
43	Globular "disorder transition in proteins: a compromise between hydrophobic and electrostatic interactions?. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 23207-23214.	1.3	8
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48	Expanding the Range of Protein Function at the Far End of the Order-Structure Continuum. <i>Journal of Biological Chemistry</i> , 2016, 291, 6706-6713.	1.6	14
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50	Protein unfolding in crowded milieu: what crowding can do to a protein undergoing unfolding?. <i>Journal of Biomolecular Structure and Dynamics</i> , 2016, 34, 2155-2170.	2.0	28
51	Time, space, and disorder in the expanding proteome universe. <i>Proteomics</i> , 2017, 17, 1600399.	1.3	19
52	Evidence for a Strong Correlation Between Transcription Factor Protein Disorder and Organismic Complexity. <i>Genome Biology and Evolution</i> , 2017, 9, 1248-1265.	1.1	49
53	Intrinsically Disordered Proteins as Important Players during Desiccation Stress of Soybean Radicles. <i>Journal of Proteome Research</i> , 2017, 16, 2393-2409.	1.8	13
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62	Erythropoietin and co.: intrinsic structure and functional disorder. <i>Molecular BioSystems</i> , 2017, 13, 56-72.	2.9	21
63	Interfacial Properties of NTAIL, an Intrinsically Disordered Protein. <i>Biophysical Journal</i> , 2017, 113, 2723-2735.	0.2	8
64	Emergence of order in self-assembly of the intrinsically disordered biomineralisation peptide n16N. <i>Molecular Simulation</i> , 2018, 44, 463-469.	0.9	3
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74	The Unfolded State of the C-Terminal Domain of L9 Expands at Low but Not at Elevated Temperatures. <i>Biophysical Journal</i> , 2018, 115, 655-663.	0.2	9
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77	Intrinsically disordered proteins and structured proteins with intrinsically disordered regions have different functional roles in the cell. <i>PLoS ONE</i> , 2019, 14, e0217889.	1.1	84
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85	Cementum protein 1-derived peptide (CEMP 1) modulates hydroxyapatite crystal formation in vitro. <i>Journal of Peptide Science</i> , 2019, 25, e3211.	0.8	6
86	In silico prediction of structural changes in human papillomavirus type 16 (HPV16) E6 oncoprotein and its variants. <i>BMC Molecular and Cell Biology</i> , 2019, 20, 35.	1.0	11
87	Quantum Chemical Calculations of NMR Chemical Shifts in Phosphorylated Intrinsically Disordered Proteins. <i>Journal of Chemical Theory and Computation</i> , 2019, 15, 5642-5658.	2.3	6
88	Structural Biology and Molecular Modeling to Analyze the Entry of Bacterial Toxins and Virulence Factors into Host Cells. <i>Toxins</i> , 2019, 11, 369.	1.5	5
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111	Structure-Function Insights of Jaburetox and Soyuretox: Novel Intrinsically Disordered Polypeptides Derived from Plant Ureas. <i>Molecules</i> , 2020, 25, 5338.	1.7	6
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163	The Inherent Coupling of Intrinsically Disordered Regions in the Multidomain Receptor Tyrosine Kinase KIT. International Journal of Molecular Sciences, 2022, 23, 1589.	1.8	5
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