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List of Publications by Year in Descending Order

187 papers	19,582 citations	58 h-index	139 g-index
194 ext. papers	22,885 ext. citations	8.6 avg, IF	7.33 L-index

#	Paper	IF	Citations
187	F/YGG-motif is an intrinsically disordered nucleic-acid binding motif.. *RNA Biology*, **2022**, 19, 622-635	4.8	0
186	Degron masking outlines degronons, co-degrading functional modules in the proteome.. *Communications Biology*, **2022**, 5, 445	6.7	0
185	DisProt in 2022: improved quality and accessibility of protein intrinsic disorder annotation. *Nucleic Acids Research*, **2021**,	20.1	13
184	Integration of Data from Liquid-Liquid Phase Separation Databases Highlights Concentration and Dosage Sensitivity of LLPS Drivers. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	8
183	Liquid-Liquid Phase Separation Enhances TDP-43 LCD Aggregation but Delays Seeded Aggregation. *Biomolecules*, **2021**, 11,	5.9	9
182	DNA-binding domain as the minimal region driving RNA-dependent liquid-liquid phase separation of androgen receptor. *Protein Science*, **2021**, 30, 1380-1392	6.3	4
181	Cellular Chaperone Function of Intrinsically Disordered Dehydrin ERD14. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	3
180	Exploring Curated Conformational Ensembles of Intrinsically Disordered Proteins in the Protein Ensemble Database. *Current Protocols*, **2021**, 1, e192		1
179	"Protein" no longer means what it used to. *Current Research in Structural Biology*, **2021**, 3, 146-152	2.8	0
178	The role of ordered cooperative assembly in biomolecular condensates. *Nature Reviews Molecular Cell Biology*, **2021**, 22, 647-648	48.7	1
177	PED in 2021: a major update of the protein ensemble database for intrinsically disordered proteins. *Nucleic Acids Research*, **2021**, 49, D404-D411	20.1	31
176	A generic approach to study the kinetics of liquid-liquid phase separation under near-native conditions. *Communications Biology*, **2021**, 4, 77	6.7	10
175	Specific Conformational Dynamics and Expansion Underpin a Multi-Step Mechanism for Specific Binding of p27 with Cdk2/Cyclin A. *Journal of Molecular Biology*, **2020**, 432, 2998-3017	6.5	10
174	WT and A53T □Synuclein Systems: Melting Diagram and Its New Interpretation. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	2
173	A guide to regulation of the formation of biomolecular condensates. *FEBS Journal*, **2020**, 287, 1924-1935	5.7	29
172	Interaction between the scaffold proteins CBP by IQGAP1 provides an interface between gene expression and cytoskeletal activity. *Scientific Reports*, **2020**, 10, 5753	4.9	1
171	PhaSePro: the database of proteins driving liquid-liquid phase separation. *Nucleic Acids Research*, **2020**, 48, D360-D367	20.1	43

170	DisProt: intrinsic protein disorder annotation in 2020. *Nucleic Acids Research*, **2020**, 48, D269-D276	20.1	91
169	Targeting an Intrinsically Disordered Protein by Covalent Modification. *Methods in Molecular Biology*, **2020**, 2141, 835-854	1.4	1
168	Distance-Based Metrics for Comparing Conformational Ensembles of Intrinsically Disordered Proteins. *Biophysical Journal*, **2020**, 118, 2952-2965	2.9	6
167	Learning of Signaling Networks: Molecular Mechanisms. *Trends in Biochemical Sciences*, **2020**, 45, 284-294	10.3	11
166	Dehydrin ERD14 activates glutathione transferase Phi9 in Arabidopsis thaliana under osmotic stress. *Biochimica Et Biophysica Acta - General Subjects*, **2020**, 1864, 129506	4	13
165	Interplay of Structural Disorder and Short Binding Elements in the Cellular Chaperone Function of Plant Dehydrin ERD14. *Cells*, **2020**, 9,	7.9	6
164	Chasing coevolutionary signals in intrinsically disordered proteins complexes. *Scientific Reports*, **2020**, 10, 17962	4.9	2
163	Focusing of Microcrystals and Liquid Condensates in Acoustofluidics. *Crystals*, **2019**, 9, 120	2.3	5
162	The Balancing Act of Intrinsically Disordered Proteins: Enabling Functional Diversity while Minimizing Promiscuity. *Journal of Molecular Biology*, **2019**, 431, 1650-1670	6.5	24
161	Emergent functions of proteins in non-stoichiometric supramolecular assemblies. *Biochimica Et Biophysica Acta - Proteins and Proteomics*, **2019**, 1867, 970-979	4	27
160	Dynamic anticipation by Cdk2/Cyclin A-bound p27 mediates signal integration in cell cycle regulation. *Nature Communications*, **2019**, 10, 1676	17.4	43
159	Spontaneous driving forces give rise to protein-RNA condensates with coexisting phases and complex material properties. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 7889-7898	11.5	186
158	Misprediction of Structural Disorder in Halophiles. *Molecules*, **2019**, 24,	4.8	4
157	An intrinsically disordered proteins community for ELIXIR. *F1000Research*, **2019**, 8,	3.6	7
156	Calpain Purification Through Calpastatin and Calcium: Strategy and Procedures. *Methods in Molecular Biology*, **2019**, 1929, 233-244	1.4	1
155	Does Intrinsic Disorder in Proteins Favor Their Interaction with Lipids?. *Proteomics*, **2019**, 19, e1800098	4.8	11
154	Chemical shift assignments of the partially deuterated Fyn SH2-SH3 domain. *Biomolecular NMR Assignments*, **2018**, 12, 117-122	0.7	
153	Molecular Motions and Interactions in Aqueous Solutions of Thymosin-β4 Stabilin C-Terminal Domain (CTD) and Their 1:1 Complex Studied by H NMR Spectroscopy. *ChemPhysChem*, **2018**, 19, 848-858	3.2	2

152	In vivo biotinylated calpastatin improves the affinity purification of human m-calpain. *Protein Expression and Purification*, **2018**, 145, 77-84	2	5
151	A comprehensive assessment of long intrinsic protein disorder from the DisProt database. *Bioinformatics*, **2018**, 34, 445-452	7.2	42
150	Protein Phase Separation: A New Phase in Cell Biology. *Trends in Cell Biology*, **2018**, 28, 420-435	18.3	869
149	AmyPro: a database of proteins with validated amyloidogenic regions. *Nucleic Acids Research*, **2018**, 46, D387-D392	20.1	30
148	Disordered Substrates of the 20S Proteasome Link Degradation with Phase Separation. *Proteomics*, **2018**, 18, e1800276	4.8	1
147	Phasing in on the cell cycle. *Cell Division*, **2018**, 13, 1	2.8	21
146	Quantification of Intrinsically Disordered Proteins: A Problem Not Fully Appreciated. *Frontiers in Molecular Biosciences*, **2018**, 5, 83	5.6	14
145	MobiDB 3.0: more annotations for intrinsic disorder, conformational diversity and interactions in proteins. *Nucleic Acids Research*, **2018**, 46, D471-D476	20.1	143
144	Yeast and Cancer: Common Mechanism Underlying Activation of Ras by Glycolytic Flux. *FASEB Journal*, **2018**, 32, lb143	0.9	
143	The Melting Diagram of Protein Solutions and Its Thermodynamic Interpretation. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	2
142	Co-Evolution of Intrinsically Disordered Proteins with Folded Partners Witnessed by Evolutionary Couplings. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	12
141	Challenges in the Structural-Functional Characterization of Multidomain, Partially Disordered Proteins CBP and p300: Preparing Native Proteins and Developing Nanobody Tools. *Methods in Enzymology*, **2018**, 611, 607-675	1.7	4
140	Unique Physicochemical Patterns of Residues in Protein-Protein Interfaces. *Journal of Chemical Information and Modeling*, **2018**, 58, 2164-2173	6.1	5
139	Hydrogen Mobility and Protein-Water Interactions in Proteins in the Solid State. *ChemPhysChem*, **2017**, 18, 677-682	3.2	8
138	H, N, C resonance assignment of plant dehydrin early response to dehydration 10 (ERD10). *Biomolecular NMR Assignments*, **2017**, 11, 127-131	0.7	3
137	Bioinformatics Approaches to the Structure and Function of Intrinsically Disordered Proteins **2017**, 167-203		2
136	DisProt 7.0: a major update of the database of disordered proteins. *Nucleic Acids Research*, **2017**, 45, D219-D227	20.1	182
135	To be disordered or not to be disordered: is that still a question for proteins in the cell?. *Cellular and Molecular Life Sciences*, **2017**, 74, 3185-3204	10.3	23

134	Phase Separation of C9orf72 Dipeptide Repeats Perturbs Stress Granule Dynamics. *Molecular Cell*, **2017**, 65, 1044-1055.e5	17.6	307
133	Simultaneous quantification of protein order and disorder. *Nature Chemical Biology*, **2017**, 13, 339-342	11.7	83
132	Affinity purification of human m-calpain through an intrinsically disordered inhibitor, calpastatin. *PLoS ONE*, **2017**, 12, e0174125	3.7	2
131	Linking functions: an additional role for an intrinsically disordered linker domain in the transcriptional coactivator CBP. *Scientific Reports*, **2017**, 7, 4676	4.9	28
130	Phosphorylation of MAP65-1 by Arabidopsis Aurora Kinases Is Required for Efficient Cell Cycle Progression. *Plant Physiology*, **2017**, 173, 582-599	6.6	27
129	Protein Delivery into Plant Cells: Toward Structural Biology. *Frontiers in Plant Science*, **2017**, 8, 519	6.2	8
128	Arginine-rich Peptides Can Actively Mediate Liquid-liquid Phase Separation. *Bio-protocol*, **2017**, 7, e2525	0.9	14
127	Coding Regions of Intrinsic Disorder Accommodate Parallel Functions. *Trends in Biochemical Sciences*, **2016**, 41, 898-906	10.3	16
126	Computational analysis of translational readthrough proteins in Drosophila and yeast reveals parallels to alternative splicing. *Scientific Reports*, **2016**, 6, 32142	4.9	4
125	Three reasons protein disorder analysis makes more sense in the light of collagen. *Protein Science*, **2016**, 25, 1030-6	6.3	6
124	The principle of conformational signaling. *Chemical Society Reviews*, **2016**, 45, 4252-84	58.5	29
123	Just a Flexible Linker? The Structural and Dynamic Properties of CBP-ID4 Revealed by NMR Spectroscopy. *Biophysical Journal*, **2016**, 110, 372-381	2.9	18
122	Design Principles Involving Protein Disorder Facilitate Specific Substrate Selection and Degradation by the Ubiquitin-Proteasome System. *Journal of Biological Chemistry*, **2016**, 291, 6723-31	5.4	29
121	Tripartite degrons confer diversity and specificity on regulated protein degradation in the ubiquitin-proteasome system. *Nature Communications*, **2016**, 7, 10239	17.4	71
120	A Novel Method for Assessing the Chaperone Activity of Proteins. *PLoS ONE*, **2016**, 11, e0161970	3.7	9
119	Wide-line NMR and DSC studies on intrinsically disordered p53 transactivation domain and its helically pre-structured segment. *BMB Reports*, **2016**, 49, 497-501	5.5	4
118	Numerous proteins with unique characteristics are degraded by the 26S proteasome following monoubiquitination. *Proceedings of the National Academy of Sciences of the United States of America* , **2016**, 113, E4639-47	11.5	91
117	Essential functions linked with structural disorder in organisms of minimal genome. *Biology Direct*, **2016**, 11, 45	7.2	4

116	Start2Fold: a database of hydrogen/deuterium exchange data on protein folding and stability. *Nucleic Acids Research*, **2016**, 44, D429-34	20.1	17
115	The role of structural disorder in cell cycle regulation, related clinical proteomics, disease development and drug targeting. *Expert Review of Proteomics*, **2015**, 12, 221-33	4.2	12
114	Intrinsically disordered proteins: emerging interaction specialists. *Current Opinion in Structural Biology*, **2015**, 35, 49-59	8.1	136
113	Polymer physics of intracellular phase transitions. *Nature Physics*, **2015**, 11, 899-904	16.2	705
112	The Protein Ensemble Database. *Advances in Experimental Medicine and Biology*, **2015**, 870, 335-49	3.6	19
111	Ensemble Methods Enable a New Definition for the Solution to Gas-Phase Transfer of Intrinsically Disordered Proteins. *Journal of the American Chemical Society*, **2015**, 137, 13807-17	16.4	37
110	Disordered regions in transmembrane proteins. *Biochimica Et Biophysica Acta - Biomembranes*, **2015** , 1848, 2839-48	3.8	18
109	Towards Understanding Protein Disorder In-Cell. *Advances in Experimental Medicine and Biology*, **2015**, 870, 319-34	3.6	2
108	Bioinformatics Approaches for Predicting Disordered Protein Motifs. *Advances in Experimental Medicine and Biology*, **2015**, 870, 291-318	3.6	15
107	Redefining the BH3 Death Domain as a ?Short Linear Motif? *Trends in Biochemical Sciences*, **2015**, 40, 736-748	10.3	40
106	Computational approaches for inferring the functions of intrinsically disordered proteins. *Frontiers in Molecular Biosciences*, **2015**, 2, 45	5.6	32
105	Functional Advantages of Conserved Intrinsic Disorder in RNA-Binding Proteins. *PLoS ONE*, **2015**, 10, e0139731	3.7	71
104	SnapShot: Intrinsic Structural Disorder. *Cell*, **2015**, 161, 1230-1230.e1	56.2	12
103	DisCons: a novel tool to quantify and classify evolutionary conservation of intrinsic protein disorder. *BMC Bioinformatics*, **2015**, 16, 153	3.6	21
102	Predicting the predictive power of IDP ensembles. *Structure*, **2014**, 22, 177-8	5.2	19
101	Introducing protein intrinsic disorder. *Chemical Reviews*, **2014**, 114, 6561-88	68.1	487
100	Multisteric regulation by structural disorder in modular signaling proteins: an extension of the concept of allostery. *Chemical Reviews*, **2014**, 114, 6715-32	68.1	72
99	Contribution of proline to the pre-structuring tendency of transient helical secondary structure elements in intrinsically disordered proteins. *Biochimica Et Biophysica Acta - General Subjects*, **2014**, 1840, 993-1003	4	26

98	A million peptide motifs for the molecular biologist. *Molecular Cell*, **2014**, 55, 161-9	17.6	310
97	Classification of intrinsically disordered regions and proteins. *Chemical Reviews*, **2014**, 114, 6589-631	68.1	1141
96	pE-DB: a database of structural ensembles of intrinsically disordered and of unfolded proteins. *Nucleic Acids Research*, **2014**, 42, D326-35	20.1	159
95	Synonymous constraint elements show a tendency to encode intrinsically disordered protein segments. *PLoS Computational Biology*, **2014**, 10, e1003607	5	18
94	The DynaMine webserver: predicting protein dynamics from sequence. *Nucleic Acids Research*, **2014**, 42, W264-70	20.1	89
93	Discrete molecular dynamics can predict helical prestructured motifs in disordered proteins. *PLoS ONE*, **2014**, 9, e95795	3.7	17
92	From protein sequence to dynamics and disorder with DynaMine. *Nature Communications*, **2013**, 4, 2741	17.4	103
91	Molecular mechanism of SSR128129E, an extracellularly acting, small-molecule, allosteric inhibitor of FGF receptor signaling. *Cancer Cell*, **2013**, 23, 489-501	24.3	99
90	New m-calpain substrate-based azapeptide inhibitors. *Journal of Peptide Science*, **2013**, 19, 370-6	2.1	4
89	Intrinsic structural disorder in cytoskeletal proteins. *Cytoskeleton*, **2013**, 70, 550-71	2.4	43
88	Multiple fuzzy interactions in the moonlighting function of thymosin-4. *Intrinsically Disordered Proteins*, **2013**, 1, e26204		8
87	Hydrogel formation by multivalent IDPs: A reincarnation of the microtrabecular lattice?. *Intrinsically Disordered Proteins*, **2013**, 1, e24068		8
86	Polycation-interactions are a driving force for molecular recognition by an intrinsically disordered oncoprotein family. *PLoS Computational Biology*, **2013**, 9, e1003239	5	50
85	What's in a name? Why these proteins are intrinsically disordered: Why these proteins are intrinsically disordered. *Intrinsically Disordered Proteins*, **2013**, 1, e24157		171
84	Structural disorder provides increased adaptability for vesicle trafficking pathways. *PLoS Computational Biology*, **2013**, 9, e1003144	5	29
83	Hydrogen skeleton, mobility and protein architecture. *Intrinsically Disordered Proteins*, **2013**, 1, e25767		2
82	The alphabet of intrinsic disorder: I. Act like a Pro: On the abundance and roles of proline residues in intrinsically disordered proteins. *Intrinsically Disordered Proteins*, **2013**, 1, e24360		143
81	Exon-phase symmetry and intrinsic structural disorder promote modular evolution in the human genome. *Nucleic Acids Research*, **2013**, 41, 4409-22	20.1	11

80	Structural characterization of intrinsically disordered proteins by NMR spectroscopy. *Molecules*, **2013**, 18, 10802-28	4.8	118
79	Functional diversity and structural disorder in the human ubiquitination pathway. *PLoS ONE*, **2013**, 8, e65443	3.7	22
78	Intrinsic disorder in cell signaling and gene transcription. *Molecular and Cellular Endocrinology*, **2012** , 348, 457-65	4.4	87
77	Intrinsically disordered proteins: a 10-year recap. *Trends in Biochemical Sciences*, **2012**, 37, 509-16	10.3	451
76	Intrinsically Disordered Proteins **2012**, 136-152		5
75	Structural disorder in proteins brings order to crystal growth in biomineralization. *Bone*, **2012**, 51, 528-34	4.7	91
74	On the supertertiary structure of proteins. *Nature Chemical Biology*, **2012**, 8, 597-600	11.7	53
73	Fuzzy complexes: a more stochastic view of protein function. *Advances in Experimental Medicine and Biology*, **2012**, 725, 1-14	3.6	162
72	Long-range interactions in nonsense-mediated mRNA decay are mediated by intrinsically disordered protein regions. *Journal of Molecular Biology*, **2012**, 424, 125-31	6.5	7
71	Increased structural disorder of proteins encoded on human sex chromosomes. *Molecular BioSystems*, **2012**, 8, 229-36		22
70	Diverse functional manifestations of intrinsic structural disorder in molecular chaperones. *Biochemical Society Transactions*, **2012**, 40, 963-8	5.1	25
69	Structural disorder in eukaryotes. *PLoS ONE*, **2012**, 7, e34687	3.7	141
68	Unstructural biology coming of age. *Current Opinion in Structural Biology*, **2011**, 21, 419-25	8.1	251
67	Full backbone assignment and dynamics of the intrinsically disordered dehydrin ERD14. *Biomolecular NMR Assignments*, **2011**, 5, 189-93	0.7	33
66	The Levinthal paradox of the interactome. *Protein Science*, **2011**, 20, 2074-9	6.3	21
65	Structural flexibility allows the functional diversity of potyvirus genome-linked protein VPg. *Journal of Virology*, **2011**, 85, 2449-57	6.6	38
64	Verification of alternative splicing variants based on domain integrity, truncation length and intrinsic protein disorder. *Nucleic Acids Research*, **2011**, 39, 1208-19	20.1	41
63	Accessory proteins in signal transduction: scaffold proteins and beyond. *FEBS Journal*, **2010**, 277, 4347	5.7	6

62	Functional classification of scaffold proteins and related molecules. *FEBS Journal*, **2010**, 277, 4348-55	5.7	59
61	Reduction in structural disorder and functional complexity in the thermal adaptation of prokaryotes. *PLoS ONE*, **2010**, 5, e12069	3.7	56
60	Dual coding in alternative reading frames correlates with intrinsic protein disorder. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 5429-34	11.5	60
59	Power law distribution defines structural disorder as a structural element directly linked with function. *Journal of Molecular Biology*, **2010**, 403, 346-50	6.5	27
58	Intrinsically disordered chaperones in plants and animals. *Biochemistry and Cell Biology*, **2010**, 88, 167-74	3.6	112
57	Intrinsic structural disorder confers cellular viability on oncogenic fusion proteins. *PLoS Computational Biology*, **2009**, 5, e1000552	5	63
56	The androgen receptor gene polyglycine repeat polymorphism is associated with memory performance in healthy Chinese individuals. *Psychoneuroendocrinology*, **2009**, 34, 947-52	5	9
55	Fuzzy interactome: the limitations of models in molecular biology. *Trends in Biochemical Sciences*, **2009**, 34, 3	10.3	10
54	Janus chaperones: assistance of both RNA- and protein-folding by ribosomal proteins. *FEBS Letters*, **2009**, 583, 88-92	3.8	36
53	Cold stability of intrinsically disordered proteins. *FEBS Letters*, **2009**, 583, 465-9	3.8	37
52	Close encounters of the third kind: disordered domains and the interactions of proteins. *BioEssays*, **2009**, 31, 328-35	4.1	197
51	High levels of structural disorder in scaffold proteins as exemplified by a novel neuronal protein, CASK-interactive protein1. *FEBS Journal*, **2009**, 276, 3744-56	5.7	61
50	Interfacial water at protein surfaces: wide-line NMR and DSC characterization of hydration in ubiquitin solutions. *Biophysical Journal*, **2009**, 96, 2789-98	2.9	36
49	Malleable machines take shape in eukaryotic transcriptional regulation. *Nature Chemical Biology*, **2008**, 4, 728-37	11.7	161
48	Calcium-induced tripartite binding of intrinsically disordered calpastatin to its cognate enzyme, calpain. *FEBS Letters*, **2008**, 582, 2149-54	3.8	25
47	Fuzzy complexes: polymorphism and structural disorder in protein-protein interactions. *Trends in Biochemical Sciences*, **2008**, 33, 2-8	10.3	788
46	Structural and dynamic characterization of intrinsically disordered human securin by NMR spectroscopy. *Journal of the American Chemical Society*, **2008**, 130, 16873-9	16.4	63
45	Intrinsic structural disorder of DF31, a Drosophila protein of chromatin decondensation and remodeling activities. *Journal of Proteome Research*, **2008**, 7, 2291-9	5.6	16

44	Chaperone activity of ERD10 and ERD14, two disordered stress-related plant proteins. *Plant Physiology*, **2008**, 147, 381-90	6.6	308
43	Disordered plant LEA proteins as molecular chaperones. *Plant Signaling and Behavior*, **2008**, 3, 710-3	2.5	52
42	Intrinsically disordered proteins display no preference for chaperone binding in vivo. *PLoS Computational Biology*, **2008**, 4, e1000017	5	43
41	DisProt: the Database of Disordered Proteins. *Nucleic Acids Research*, **2007**, 35, D786-93	20.1	631
40	Synthesis of cell-penetrating conjugates of calpain activator peptides. *Bioconjugate Chemistry*, **2007**, 18, 130-7	6.3	13
39	Structural disorder promotes assembly of protein complexes. *BMC Structural Biology*, **2007**, 7, 65	2.7	78
38	Prediction of protein disorder at the domain level. *Current Protein and Peptide Science*, **2007**, 8, 161-71	2.8	65
37	Towards proteomic approaches for the identification of structural disorder. *Current Protein and Peptide Science*, **2007**, 8, 173-9	2.8	16
36	Local structural disorder imparts plasticity on linear motifs. *Bioinformatics*, **2007**, 23, 950-6	7.2	335
35	Molecular principles of the interactions of disordered proteins. *Journal of Molecular Biology*, **2007**, 372, 549-61	6.5	220
34	A novel two-dimensional electrophoresis technique for the identification of intrinsically unstructured proteins. *Molecular and Cellular Proteomics*, **2006**, 5, 265-73	7.6	56
33	Disorder and sequence repeats in hub proteins and their implications for network evolution. *Journal of Proteome Research*, **2006**, 5, 2985-95	5.6	273
32	Prevalent structural disorder in E. coli and S. cerevisiae proteomes. *Journal of Proteome Research*, **2006**, 5, 1996-2000	5.6	102
31	CG15031/PPYR1 is an intrinsically unstructured protein that interacts with protein phosphatase Y. *Archives of Biochemistry and Biophysics*, **2006**, 451, 59-67	4.1	10
30	Phosphorylation-induced transient intrinsic structure in the kinase-inducible domain of CREB facilitates its recognition by the KIX domain of CBP. *Proteins: Structure, Function and Bioinformatics*, **2006**, 64, 749-57	4.2	27
29	Primary contact sites in intrinsically unstructured proteins: the case of calpastatin and microtubule-associated protein 2. *Biochemistry*, **2005**, 44, 3955-64	3.2	88
28	The pairwise energy content estimated from amino acid composition discriminates between folded and intrinsically unstructured proteins. *Journal of Molecular Biology*, **2005**, 347, 827-39	6.5	767
27	The interplay between structure and function in intrinsically unstructured proteins. *FEBS Letters*, **2005**, 579, 3346-54	3.8	563

26	NMR relaxation studies on the hydrate layer of intrinsically unstructured proteins. *Biophysical Journal*, **2005**, 88, 2030-7	2.9	72
25	Structural disorder throws new light on moonlighting. *Trends in Biochemical Sciences*, **2005**, 30, 484-9	10.3	381
24	IUPred: web server for the prediction of intrinsically unstructured regions of proteins based on estimated energy content. *Bioinformatics*, **2005**, 21, 3433-4	7.2	1571
23	The role of structural disorder in the function of RNA and protein chaperones. *FASEB Journal*, **2004**, 18, 1169-75	0.9	456
22	On the sequential determinants of calpain cleavage. *Journal of Biological Chemistry*, **2004**, 279, 20775-85	5.4	245
21	Contribution of distinct structural elements to activation of calpain by Ca2+ ions. *Journal of Biological Chemistry*, **2004**, 279, 20118-26	5.4	22
20	Differential distribution of calpain small subunit 1 and 2 in rat brain. *European Journal of Neuroscience*, **2004**, 19, 1819-25	3.5	10
19	Calpain as a multi-site regulator of cell cycle. *Biochemical Pharmacology*, **2004**, 67, 1513-21	6	44
18	The calpain-system of Drosophila melanogaster: coming of age. *BioEssays*, **2004**, 26, 1088-96	4.1	30
17	Preformed structural elements feature in partner recognition by intrinsically unstructured proteins. *Journal of Molecular Biology*, **2004**, 338, 1015-26	6.5	448
16	Binding-induced folding transitions in calpastatin subdomains A and C. *Protein Science*, **2003**, 12, 2327-36	6.3	28
15	Intrinsically unstructured proteins evolve by repeat expansion. *BioEssays*, **2003**, 25, 847-55	4.1	222
14	Molecular cloning and RNA expression of a novel Drosophila calpain, Calpain C. *Biochemical and Biophysical Research Communications*, **2003**, 303, 343-9	3.4	14
13	Intrinsically unstructured proteins. *Trends in Biochemical Sciences*, **2002**, 27, 527-33	10.3	1663
12	Calpastatin subdomains A and C are activators of calpain. *Journal of Biological Chemistry*, **2002**, 277, 9022-6	5.4	43
11	The role of dimerization in prion replication. *Biophysical Journal*, **2002**, 82, 1711-8	2.9	44
10	Domain III of calpain is a ca2+-regulated phospholipid-binding domain. *Biochemical and Biophysical Research Communications*, **2001**, 280, 1333-9	3.4	134
9	Synaptic metaplasticity and the local charge effect in postsynaptic densities. *Trends in Neurosciences*, **1998**, 21, 97-102	13.3	20

8	Phosphorylation and dephosphorylation in the proline-rich C-terminal domain of microtubule-associated protein 2. *FEBS Journal*, **1996**, 241, 765-71		44
7	The calpain cascade. Mu-calpain activates m-calpain. *Journal of Biological Chemistry*, **1996**, 271, 33161-4	5.4	46
6	Interaction of rabbit muscle enolase and 3-phosphoglycerate mutase studied by ELISA and by batch gel filtration. *Archives of Biochemistry and Biophysics*, **1992**, 296, 650-3	4.1	11
5	A possible in vivo mechanism of intermediate transfer by glycolytic enzyme complexes: steady state fluorescence anisotropy analysis of an enzyme complex formation. *Archives of Biochemistry and Biophysics*, **1992**, 296, 654-9	4.1	1
4	The mechanism of succinate or fumarate transfer in the tricarboxylic acid cycle allows molecular rotation of the intermediate. *Archives of Biochemistry and Biophysics*, **1990**, 276, 191-8	4.1	13
3	How to determine the efficiency of intermediate transfer in an interacting enzyme system?. *FEBS Letters*, **1987**, 214, 244-8	3.8	19
2	The phosphate group of 3-phosphoglycerate accounts for conformational changes occurring on binding to 3-phosphoglycerate kinase. Enzyme inhibition and thiol reactivity studies. *FEBS Journal*, **1986**, 154, 643-9		34
1	Interaction of enzymes involved in triosephosphate metabolism. Comparison of yeast and rabbit muscle cytoplasmic systems. *FEBS Journal*, **1986**, 159, 117-24		26