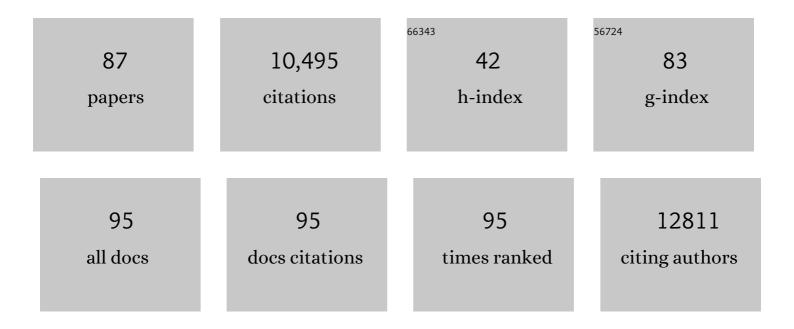
List of Publications by Year in descending order

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MONIKA EUXPEITED

#	Article	IF	CITATIONS
1	Classification of Intrinsically Disordered Regions and Proteins. Chemical Reviews, 2014, 114, 6589-6631.	47.7	1,618
2	Protein Phase Separation: A New Phase in Cell Biology. Trends in Cell Biology, 2018, 28, 420-435.	7.9	1,439
3	Fuzzy complexes: polymorphism and structural disorder in protein–protein interactions. Trends in Biochemical Sciences, 2008, 33, 2-8.	7.5	942
4	Preformed Structural Elements Feature in Partner Recognition by Intrinsically Unstructured Proteins. Journal of Molecular Biology, 2004, 338, 1015-1026.	4.2	494
5	Type II restriction endonucleases: structure and mechanism. Cellular and Molecular Life Sciences, 2005, 62, 685-707.	5.4	452
6	Local structural disorder imparts plasticity on linear motifs. Bioinformatics, 2007, 23, 950-956.	4.1	376
7	Tissue-Specific Splicing of Disordered Segments that Embed Binding Motifs Rewires Protein Interaction Networks. Molecular Cell, 2012, 46, 871-883.	9.7	344
8	The Structure and Dynamics of Higher-Order Assemblies: Amyloids, Signalosomes, and Granules. Cell, 2016, 165, 1055-1066.	28.9	311
9	Close encounters of the third kind: disordered domains and the interactions of proteins. BioEssays, 2009, 31, 328-335.	2.5	229
10	What's in a name? Why these proteins are intrinsically disordered. Intrinsically Disordered Proteins, 2013, 1, e24157.	1.9	226
11	Malleable machines take shape in eukaryotic transcriptional regulation. Nature Chemical Biology, 2008, 4, 728-737.	8.0	192
12	Intrinsically Disordered Segments Affect Protein Half-Life in the Cell and during Evolution. Cell Reports, 2014, 8, 1832-1844.	6.4	192
13	Fuzzy Complexes: A More Stochastic View of Protein Function. Advances in Experimental Medicine and Biology, 2012, 725, 1-14.	1.6	183
14	MobiDB: intrinsically disordered proteins in 2021. Nucleic Acids Research, 2021, 49, D361-D367.	14.5	183
15	Widespread occurrence of the droplet state of proteins in the human proteome. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 33254-33262.	7.1	178
16	Fuzzy complexes: Specific binding without complete folding. FEBS Letters, 2015, 589, 2533-2542.	2.8	177
17	Alternative splicing of intrinsically disordered regions and rewiring of protein interactions. Current Opinion in Structural Biology, 2013, 23, 443-450.	5.7	166
18	Fuzziness: linking regulation to protein dynamics. Molecular BioSystems, 2012, 8, 168-177.	2.9	155

#	Article	IF	CITATIONS
19	Dynamic protein–DNA recognition: beyond what can be seen. Trends in Biochemical Sciences, 2011, 36, 415-423.	7.5	137
20	Fuzziness in Protein Interactions—A Historical Perspective. Journal of Molecular Biology, 2018, 430, 2278-2287.	4.2	118
21	Origin of the Catalytic Power of Acetylcholinesterase:Â Computer Simulation Studies. Journal of the American Chemical Society, 1998, 120, 183-194.	13.7	116
22	Simultaneous quantification of protein order and disorder. Nature Chemical Biology, 2017, 13, 339-342.	8.0	113
23	Malleable Machines in Transcription Regulation: The Mediator Complex. PLoS Computational Biology, 2008, 4, e1000243.	3.2	109
24	Disordered Proteinaceous Machines. Chemical Reviews, 2014, 114, 6806-6843.	47.7	109
25	FuzDB: database of fuzzy complexes, a tool to develop stochastic structure-function relationships for protein complexes and higher-order assemblies. Nucleic Acids Research, 2017, 45, D228-D235.	14.5	96
26	Generic nature of the condensed states of proteins. Nature Cell Biology, 2021, 23, 587-594.	10.3	94
27	Fuzziness and Frustration in the Energy Landscape of Protein Folding, Function, and Assembly. Accounts of Chemical Research, 2021, 54, 1251-1259.	15.6	88
28	QM/MM simulation of liquid water with an adaptive quantum region. Physical Chemistry Chemical Physics, 2012, 14, 646-656.	2.8	80
29	Sequence-Based Prediction of Fuzzy Protein Interactions. Journal of Molecular Biology, 2020, 432, 2289-2303.	4.2	77
30	Interactions via intrinsically disordered regions: What kind of motifs?. IUBMB Life, 2012, 64, 513-520.	3.4	76
31	Fold or not to fold upon binding — does it really matter?. Current Opinion in Structural Biology, 2019, 54, 19-25.	5.7	73
32	Observation of an α-synuclein liquid droplet state and its maturation into Lewy body-like assemblies. Journal of Molecular Cell Biology, 2021, 13, 282-294.	3.3	65
33	Role of Base Flipping in Specific Recognition of Damaged DNA by Repair Enzymes. Journal of Molecular Biology, 2002, 323, 823-834.	4.2	64
34	Sequence Determinants of the Aggregation of Proteins Within Condensates Generated by Liquid-liquid Phase Separation. Journal of Molecular Biology, 2022, 434, 167201.	4.2	62
35	Disordered Tails of Homeodomains Facilitate DNA Recognition by Providing a Trade-Off between Folding and Specific Binding. Journal of the American Chemical Society, 2009, 131, 15084-15085.	13.7	61
36	Fuzziness enables context dependence of protein interactions. FEBS Letters, 2017, 591, 2682-2695.	2.8	60

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37	On the Divalent Metal Ion Dependence of DNA Cleavage by Restriction Endonucleases of the EcoRI Family. Journal of Molecular Biology, 2009, 393, 140-160.	4.2	59
38	Evaluating Boundary Dependent Errors in QM/MM Simulations. Journal of Physical Chemistry B, 2009, 113, 5728-5735.	2.6	53
39	Physiological, pathological, and structural implications of non-enzymatic protein–protein interactions of the multifunctional human transglutaminase 2. Cellular and Molecular Life Sciences, 2015, 72, 3009-3035.	5.4	52
40	Frustration in Fuzzy Protein Complexes Leads to Interaction Versatility. Journal of Physical Chemistry B, 2021, 125, 2513-2520.	2.6	52
41	Flexibility of prolyl oligopeptidase: Molecular dynamics and molecular framework analysis of the potential substrate pathways. Proteins: Structure, Function and Bioinformatics, 2005, 60, 504-512.	2.6	51
42	Interfacial Water as a "Hydration Fingerprint―in the Noncognate Complex of BamHI. Biophysical Journal, 2005, 89, 903-911.	0.5	49
43	Classifying the Binding Modes of Disordered Proteins. International Journal of Molecular Sciences, 2020, 21, 8615.	4.1	49
44	FuzDrop on AlphaFold: visualizing the sequence-dependent propensity of liquid–liquid phase separation and aggregation of proteins. Nucleic Acids Research, 2022, 50, W337-W344.	14.5	44
45	Fuzzy regions in an intrinsically disordered protein impair protein–protein interactions. FEBS Journal, 2016, 283, 576-594.	4.7	43
46	Flexible segments modulate co-folding of dUTPase and nucleocapsid proteins. Nucleic Acids Research, 2006, 35, 495-505.	14.5	42
47	Sequence-based prediction of protein binding mode landscapes. PLoS Computational Biology, 2020, 16, e1007864.	3.2	41
48	The Energy Gap as a Universal Reaction Coordinate for the Simulation of Chemical Reactions. Journal of Physical Chemistry B, 2009, 113, 7867-7873.	2.6	36
49	Identification of a specific one amino acid change in recombinant human transglutaminase 2 that regulates its activity and calcium sensitivity. Biochemical Journal, 2013, 455, 261-272.	3.7	34
50	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, 749-757.	2.6	31
51	Probing the Two-Metal Ion Mechanism in the Restriction Endonuclease BamHI. Biochemistry, 2007, 46, 14514-14523.	2.5	27
52	The role of reorganization energy in rational enzyme design. Current Opinion in Chemical Biology, 2014, 21, 34-41.	6.1	27
53	A Derived Allosteric Switch Underlies the Evolution of Conditional Cooperativity between HOXA11 and FOXO1. Cell Reports, 2016, 15, 2097-2108.	6.4	25
54	FuzDB: a new phase in understanding fuzzy interactions. Nucleic Acids Research, 2022, 50, D509-D517.	14.5	25

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55	Rapid Biophysical Characterization and NMR Spectroscopy Structural Analysis of Small Proteins from Bacteria and Archaea. ChemBioChem, 2020, 21, 1178-1187.	2.6	24
56	Electrostatic versus Nonelectrostatic Effects in DNA Sequence Discrimination by Divalent Ions Mg2+and Mn2+. Journal of Physical Chemistry B, 2007, 111, 6272-6279.	2.6	23
57	Molecular modelling of xylose isomerase catalysis: the role of electrostatics and charge transfer to metals. Protein Engineering, Design and Selection, 1995, 8, 925-933.	2.1	21
58	Role of electrostatics at the catalytic metal binding site in xylose isomerase action: Ca2+-inhibition and metal competence in the double mutant D254E/D256E. , 1997, 28, 183-193.		19
59	Towards a Stochastic Paradigm: From Fuzzy Ensembles to Cellular Functions. Molecules, 2018, 23, 3008.	3.8	18
60	Protein stability indicates divergent evolution of PD-(D/E)XK type II restriction endonucleases. Protein Science, 2002, 11, 1978-1983.	7.6	17
61	Fuzzy protein theory for disordered proteins. Biochemical Society Transactions, 2020, 48, 2557-2564.	3.4	16
62	Assessing Conservation of Disordered Regions in Proteins. The Open Proteomics Journal, 2008, 1, 46-53.	0.4	15
63	Checking nucleic acid crystal structures. Acta Crystallographica Section D: Biological Crystallography, 2001, 57, 813-828.	2.5	12
64	Fuzzy interactome: the limitations of models in molecular biology. Trends in Biochemical Sciences, 2009, 34, 3.	7.5	11
65	Fuzziness endows viral motif-mimicry. Molecular BioSystems, 2015, 11, 2821-2829.	2.9	11
66	Metal-binding sites at the active site of restriction endonuclease BamHI can conform to a one-ion mechanism. Biological Chemistry, 2007, 388, 73-8.	2.5	10
67	Experimental Characterization of Fuzzy Protein Assemblies: Interactions of Paramyxoviral NTAIL Domains With Their Functional Partners. Methods in Enzymology, 2018, 611, 137-192.	1.0	8
68	Patterns of Dynamics Comprise a Conserved Evolutionary Trait. Journal of Molecular Biology, 2020, 432, 497-507.	4.2	8
69	Genomic variants reveal differential evolutionary constraints on human transglutaminases and point towards unrecognized significance of transglutaminase 2. PLoS ONE, 2017, 12, e0172189.	2.5	8
70	Noncovalent Cross-links in Context with Other Structural and Functional Elements of Proteinsâ€. Journal of Chemical Information and Computer Sciences, 2004, 44, 347-351.	2.8	7
71	Electrostatics tunes protein interactions to context. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	7
72	Active site residue involvement in monoamine or diamine oxidation catalysed by pea seedling amine oxidase. FEBS Journal, 2011, 278, 1232-1243.	4.7	6

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73	Adventures on the Routes of Protein Evolution—In Memoriam Dan Salah Tawfik (1955–2021). Journal of Molecular Biology, 2022, 434, 167462.	4.2	6
74	Are casein micelles extracellular condensates formed by liquidâ€ <del>l</del> iquid phase separation?. FEBS Letters, 2022, 596, 2072-2085.	2.8	5
75	Crystallization and preliminary X-ray analysis of porcine muscle prolyl oligopeptidase. Acta Crystallographica Section D: Biological Crystallography, 1998, 54, 1414-1415.	2.5	4
76	Computational analyses of the effect of novel amino acid clusters of human transglutaminase 2 on its structure and function. Amino Acids, 2017, 49, 605-614.	2.7	4
77	Simulations of Higher-Order Protein Organizations Using a Fuzzy Framework. Complexity, 2018, 2018, 1-10.	1.6	4
78	An EcoRl–Rsrl chimeric restriction endonuclease retains parental sequence specificity. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2007, 1774, 583-594.	2.3	3
79	Spot in a drop: mutations in aberrant condensates. Nature Reviews Molecular Cell Biology, 2021, 22, 162-163.	37.0	3
80	Molecular Determinants of Selectivity in Disordered Complexes May Shed Light on Specificity in Protein Condensates. Biomolecules, 2022, 12, 92.	4.0	3
81	Editorial: Fuzzy Interactions: Many Facets of Protein Binding. Frontiers in Molecular Biosciences, 0, 9,	3.5	3
82	Specific and Fuzzy Interactions Cooperate in Modulating Protein Half-Life. Journal of Molecular Biology, 2019, 431, 1700-1707.	4.2	2
83	Asymmetric dynamic coupling promotes alternative evolutionary pathways in an enzyme dimer. Scientific Reports, 2020, 10, 18866.	3.3	2
84	Editorial overview: Dynamic protein interactions — from complexes to molecular machines. Current Opinion in Structural Biology, 2019, 56, vi-viii.	5.7	1
85	Protein interactions in liquid-liquid phase separation. Journal of Molecular Biology, 2021, 434, 167388.	4.2	1
86	Fuzzy Complexes: Polymorphism And Structural Disorder In Protein-protein Interactions. Biophysical Journal, 2009, 96, 319a.	0.5	0
87	Fuzziness ―Disorder in Protein Complexes ―Imparts Versatility on Signalling. FASEB Journal, 2015, 29, 372.1.	0.5	Ο