

# Vladimir N Uversky

## List of Publications by Year in descending order

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Version: 2024-02-01

990  
papers

81,516  
citations

498

132  
h-index

804

253  
g-index

1452  
all docs

1452  
docs citations

1452  
times ranked

60179  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intrinsic disorder, extraterrestrial peptides, and prebiotic life on the earth. <i>Journal of Biomolecular Structure and Dynamics</i> , 2023, 41, 5481-5485.	2.0	2
2	DeepA-RBPBS: A hybrid convolution and recurrent neural network combined with attention mechanism for predicting RBP binding site. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 4250-4258.	2.0	8
3	Characterization of Proteins from Putative Human DNA and RNA Viruses. <i>Current Proteomics</i> , 2022, 19, 65-82.	0.1	1
4	Computational studies on phylogeny and drug designing using molecular simulations for COVID-19. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 10753-10762.	2.0	16
5	Challenges and limitations in the studies of glycoproteins: A computational chemist's perspective. <i>Proteins: Structure, Function and Bioinformatics</i> , 2022, 90, 322-339.	1.5	0
6	Periodically aperiodic pattern of SARS-CoV-2 mutations underpins the uncertainty of its origin and evolution. <i>Environmental Research</i> , 2022, 204, 112092.	3.7	4
7	Bioinformatics-Based Characterization of Proteins Related to SARS-CoV-2 Using the Polarity Index Method <sup>®</sup> (PIM <sup>®</sup> ) and Intrinsic Disorder Predisposition. <i>Current Proteomics</i> , 2022, 19, 51-64.	0.1	1
8	Functional impact of titin (TTN) mutations in ocular surface squamous neoplasia. <i>International Journal of Biological Macromolecules</i> , 2022, 195, 93-101.	3.6	8
9	Are the functions of milk exosomes restricted to their protein cargoes?. <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112540.	2.5	0
10	Co-opting disorder into order: Intrinsically disordered proteins and the early evolution of complex multicellularity. <i>International Journal of Biological Macromolecules</i> , 2022, 201, 29-36.	3.6	7
11	Phase separation of FG-nucleoporins in nuclear pore complexes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2022, 1869, 119205.	1.9	26
12	New Evidence of the Importance of Weak Interactions in the Formation of PML-Bodies. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1613.	1.8	9
13	Erythropoietin Interacts with Specific S100 Proteins. <i>Biomolecules</i> , 2022, 12, 120.	1.8	8
14	Age-dependent aggregation of $\alpha$ -synuclein in the nervous system of gut-brain axis is associated with caspase-1 activation. <i>Metabolic Brain Disease</i> , 2022, 37, 1669-1681.	1.4	2
15	Specific cytokines of interleukin-6 family interact with S100 proteins. <i>Cell Calcium</i> , 2022, 101, 102520.	1.1	11
16	Latent potentials of camel <sup>™</sup> s milk. <i>European Food Research and Technology</i> , 2022, 248, 1-2.	1.6	2
17	Experimental methods to study intrinsically disordered proteins. , 2022, , 505-533.		3
18	Emergence of unique SARS-CoV-2 ORF10 variants and their impact on protein structure and function. <i>International Journal of Biological Macromolecules</i> , 2022, 194, 128-143.	3.6	13

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19	Bioactive Peptides: Synthesis, Sources, Applications, and Proposed Mechanisms of Action. International Journal of Molecular Sciences, 2022, 23, 1445.	1.8	133
20	Methods to study the effect of solution variables on the conformational dynamics of intrinsically disordered proteins. , 2022, , 551-563.		1
21	Computational methods to study intrinsically disordered proteins. , 2022, , 489-504.		3
22	Small Heat Shock Protein 22 Improves Cognition and Learning in the Tauopathic Brain. International Journal of Molecular Sciences, 2022, 23, 851.	1.8	6
23	Identification of SARS-CoV-2 surface therapeutic targets and drugs using molecular modeling methods for inhibition of the virus entry. Journal of Molecular Structure, 2022, 1256, 132488.	1.8	11
24	The importance of accessory protein variants in the pathogenicity of SARS-CoV-2. Archives of Biochemistry and Biophysics, 2022, 717, 109124.	1.4	20
25	The aqueous humor proteome is intrinsically disordered. Biochemistry and Biophysics Reports, 2022, 29, 101202.	0.7	0
26	The amyloid state of proteins: A boon or bane?. International Journal of Biological Macromolecules, 2022, 200, 593-617.	3.6	12
27	PyPAn: An Automated Graphical User Interface for Protein Sequence and Structure Analyses. Protein and Peptide Letters, 2022, 29, 306-312.	0.4	2
28	Computational, Experimental, and Clinical Evidence of a Specific but Peculiar Evolutionary Nature of (COVID-19) SARS-CoV-2. Journal of Proteome Research, 2022, 21, 874-890.	1.8	18
29	The gut metabolite, trimethylamine N-oxide inhibits protein folding by affecting cisâ€“trans isomerization and induces cell cycle arrest. Cellular and Molecular Life Sciences, 2022, 79, 12.	2.4	4
30	From Quantum Mechanics, Classical Mechanics, and Bioinformatics to Artificial Intelligence Studies in Neurodegenerative Diseases. Methods in Molecular Biology, 2022, 2340, 139-173.	0.4	1
31	Interferon-Î² Activity Is Affected by S100B Protein. International Journal of Molecular Sciences, 2022, 23, 1997.	1.8	5
32	Intrinsically Disordered Proteins: Critical Components of the Wetware. Chemical Reviews, 2022, 122, 6614-6633.	23.0	48
33	Ferritinophagy and Î±-Synuclein: Pharmacological Targeting of Autophagy to Restore Iron Regulation in Parkinsonâ€™s Disease. International Journal of Molecular Sciences, 2022, 23, 2378.	1.8	10
34	Identification of intrinsically disorder regions in non-structural proteins of SARS-CoV-2: New insights into drug and vaccine resistance. Molecular and Cellular Biochemistry, 2022, 477, 1607-1619.	1.4	11
35	Intrinsically disordered proteins play diverse roles in cell signaling. Cell Communication and Signaling, 2022, 20, 20.	2.7	68
36	Intrinsic disorder in proteins associated with oxidative stress-induced JNK signaling. Cellular and Molecular Life Sciences, 2022, 79, 202.	2.4	9

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37	ATP synthase FOF1 structure, function, and structure-based drug design. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 179.	2.4	13
38	BMI1 Silencing Induces Mitochondrial Dysfunction in Lung Epithelial Cells Exposed to Hyperoxia. <i>Frontiers in Physiology</i> , 2022, 13, 814510.	1.3	1
39	Î±-Synuclein Fibrils as Penrose Machines: A Chameleon in the Gear. <i>Biomolecules</i> , 2022, 12, 494.	1.8	2
40	Arrow of Time, Entropy, and Protein Folding: Holistic View on Biochirality. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3687.	1.8	3
41	Structures of the Wild-Type and S59L Mutant CHCHD10 Proteins Important in Amyotrophic Lateral Sclerosisâ€“Frontotemporal Dementia. <i>ACS Chemical Neuroscience</i> , 2022, 13, 1273-1280.	1.7	6
42	Intrinsically disordered proteins: Ensembles at the limits of Anfinsen's dogma. <i>Biophysics Reviews</i> , 2022, 3, .	1.0	15
43	An issue of concern: unique truncated ORF8 protein variants of SARS-CoV-2. <i>PeerJ</i> , 2022, 10, e13136.	0.9	7
44	An Ayurgenomics Approach: Prakriti-Based Drug Discovery and Development for Personalized Care. <i>Frontiers in Pharmacology</i> , 2022, 13, 866827.	1.6	6
45	Design and Analysis of a Mutant form of the Ice-Binding Protein from <i>Choristoneura fumiferana</i> . <i>Protein Journal</i> , 2022, 41, 304-314.	0.7	2
46	Brain Metabolite, Myo-inositol, Inhibits Catalase Activity: A Mechanism of the Distortion of the Antioxidant Defense System in Alzheimerâ€™s disease. <i>ACS Omega</i> , 2022, 7, 12690-12700.	1.6	7
47	State without borders: Membrane-less organelles and liquidâ€“liquid phase transitions. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2022, 1869, 119251.	1.9	1
48	Peptidoglycan-Free Bacterial Ghosts Confer Enhanced Protection against <i>Yersinia pestis</i> Infection. <i>Vaccines</i> , 2022, 10, 51.	2.1	4
49	Fundamental Clock of Biological Aging: Convergence of Molecular, Neurodegenerative, Cognitive and Psychiatric Pathways: Non-Equilibrium Thermodynamics Meet Psychology. <i>International Journal of Molecular Sciences</i> , 2022, 23, 285.	1.8	7
50	On the Safety of the COVID-19 Convalescent Plasma Treatment: Thrombotic and Thromboembolic Concerns. <i>Covid</i> , 2022, 2, 1-4.	0.7	0
51	Circulating extracellular vesicles and rheumatoid arthritis: a proteomic analysis. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 1.	2.4	18
52	Liquidâ€“liquid phase separation as an organizing principle of intracellular space: overview of the evolution of the cell compartmentalization concept. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 251.	2.4	42
53	Would New SARS-CoV-2 Variants Change the War against COVID-19?. <i>Epidemiologia</i> , 2022, 3, 229-237.	1.1	3
54	Associations and Diseaseâ€“Disease Interactions of COVID-19 with Congenital and Genetic Disorders: A Comprehensive Review. <i>Viruses</i> , 2022, 14, 910.	1.5	6

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55	What Is Parvalbumin for?. <i>Biomolecules</i> , 2022, 12, 656.	1.8	15
56	Theater in the Self-Cleaning Cell: Intrinsically Disordered Proteins or Protein Regions Acting with Membranes in Autophagy. <i>Membranes</i> , 2022, 12, 457.	1.4	1
57	Shell Disorder Models Detect That Omicron Has Harder Shells with Attenuation but Is Not a Descendant of the Wuhan-Hu-1 SARS-CoV-2. <i>Biomolecules</i> , 2022, 12, 631.	1.8	4
58	Nanoparticles for Coronavirus Control. <i>Nanomaterials</i> , 2022, 12, 1602.	1.9	9
59	On the Potential Significance of the Intrinsically Disordered Regions in the Clostridiodes difficile Toxins A and B. <i>Current Protein and Peptide Science</i> , 2022, 23, 192-209.	0.7	2
60	Therapeutic monoclonal antibodies for COVID-19 management: an update. <i>Expert Opinion on Biological Therapy</i> , 2022, 22, 763-780.	1.4	40
61	Ibuprofen Favors Binding of Amyloid- $\beta$ Peptide to Its Depot, Serum Albumin. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6168.	1.8	7
62	BIAPSS: A Comprehensive Physicochemical Analyzer of Proteins Undergoing Liquid-Liquid Phase Separation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6204.	1.8	9
63	Molecular dynamics and intrinsic disorder analysis of the SARS-CoV-2 Nsp1 structural changes caused by substitution and deletion mutations. <i>Molecular Simulation</i> , 2022, 48, 1192-1201.	0.9	4
64	Role of structural disorder in the multi-functionality of flavivirus proteins. <i>Expert Review of Proteomics</i> , 2022, 19, 183-196.	1.3	1
65	Structural and Functional Insights into CP2c Transcription Factor Complexes. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6369.	1.8	3
66	SARS-CoV-2 Spike mutations modify the interaction between virus Spike and human ACE2 receptors. <i>Biochemical and Biophysical Research Communications</i> , 2022, 620, 8-14.	1.0	3
67	SARS-CoV-2: A Master of Immune Evasion. <i>Biomedicines</i> , 2022, 10, 1339.	1.4	24
68	Insights into the structural peculiarities of the N-terminal and receptor binding domains of the spike protein from the SARS-CoV-2 Omicron variant. <i>Computers in Biology and Medicine</i> , 2022, 147, 105735.	3.9	13
69	Intrinsically disordered proteins and proteins with intrinsically disordered regions in neurodegenerative diseases. <i>Biophysical Reviews</i> , 2022, 14, 679-707.	1.5	20
70	An integrated understanding of the evolutionary and structural features of the SARS-CoV-2 spike receptor binding domain (RBD). <i>International Journal of Biological Macromolecules</i> , 2022, 217, 492-505.	3.6	9
71	Comparative study of structures and functional motifs in lectins from the commercially important photosynthetic microorganisms. <i>Biochimie</i> , 2022, 201, 63-74.	1.3	1
72	The latitude hypothesis, vitamin D, and SARS-Co-V2. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 6168-6170.	2.0	10

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73	The structural basis of accelerated host cell entry by SARS-CoV-2. FEBS Journal, 2021, 288, 5010-5020.	2.2	129
74	On the potential role of exosomes in the COVID-19 reinfection/reactivation opportunity. Journal of Biomolecular Structure and Dynamics, 2021, 39, 5831-5842.	2.0	56
75	Dancing with Trojan horses: an interplay between the extracellular vesicles and viruses. Journal of Biomolecular Structure and Dynamics, 2021, 39, 3034-3060.	2.0	27
76	Phenotypic suppression caused by resonance with light-dark cycles indicates the presence of a 24-hours oscillator in yeast and suggests a new role of intrinsically disordered protein regions as internal mediators. Journal of Biomolecular Structure and Dynamics, 2021, 39, 2490-2501.	2.0	7
77	In Vitro N-Terminal Acetylation of Bacterially Expressed Parvalbumins by N-Terminal Acetyltransferases from Escherichia coli. Applied Biochemistry and Biotechnology, 2021, 193, 1365-1378.	1.4	5
78	Structural facets of POU2F1 in light of the functional annotations and sequence-structure patterns. Journal of Biomolecular Structure and Dynamics, 2021, 39, 1093-1105.	2.0	4
79	Functional characterization of an unknown soybean intrinsically disordered protein in vitro and in Escherichia coli. International Journal of Biological Macromolecules, 2021, 166, 538-549.	3.6	4
80	A multitude of signaling pathways associated with Alzheimer's disease and their roles in AD pathogenesis and therapy. Medicinal Research Reviews, 2021, 41, 2689-2745.	5.0	26
81	Understanding COVID-19 via comparative analysis of dark proteomes of SARS-CoV-2, human SARS and bat SARS-like coronaviruses. Cellular and Molecular Life Sciences, 2021, 78, 1655-1688.	2.4	92
82	IDPology of the living cell: intrinsic disorder in the subcellular compartments of the human cell. Cellular and Molecular Life Sciences, 2021, 78, 2371-2385.	2.4	15
83	Bioinformatics analysis of correlation between protein function and intrinsic disorder. International Journal of Biological Macromolecules, 2021, 167, 446-456.	3.6	6
84	Comparative analysis of the active sites of orthologous endolysins of the Escherichia lytic bacteriophages T5, RB43, and RB49. International Journal of Biological Macromolecules, 2021, 166, 1096-1105.	3.6	5
85	Severe acute respiratory syndrome coronavirus 2 infection reaches the human nervous system: How?. Journal of Neuroscience Research, 2021, 99, 750-777.	1.3	40
86	Questions concerning the proximal origin of SARS-CoV-2. Journal of Medical Virology, 2021, 93, 1204-1206.	2.5	56
87	Current Challenges and Limitations in the Studies of Intrinsically Disordered Proteins in Neurodegenerative Diseases by Computer Simulations. Current Alzheimer Research, 2021, 17, 805-818.	0.7	18
88	Shell disorder and the HIV vaccine mystery: lessons from the legendary Oswald Avery. Journal of Biomolecular Structure and Dynamics, 2021, , 1-10.	2.0	3
89	Mobility and disorder in antibody and antigen binding sites do not prevent immunochemical recognition. Critical Reviews in Biochemistry and Molecular Biology, 2021, 56, 149-156.	2.3	13
90	Multifunctionality and intrinsic disorder of royal jelly proteome. Proteomics, 2021, 21, e2000237.	1.3	5

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91	Bioinformatics-based Identification of Proteins Expressed by Arthropod- borne Viruses Transmitted by Aedes Aegypti Mosquito. <i>Current Proteomics</i> , 2021, 18, 81-94.	0.1	1
92	Secondary structure dependence of amyloid $\beta$ (1-40) on simulation techniques and force field parameters. <i>Chemical Biology and Drug Design</i> , 2021, 97, 1100-1108.	1.5	10
93	Baicalein inhibits heparin-induced Tau aggregation by initializing non-toxic Tau oligomer formation. <i>Cell Communication and Signaling</i> , 2021, 19, 16.	2.7	30
94	On the Prevalence and Potential Functionality of an Intrinsic Disorder in the MERS-CoV Proteome. <i>Viruses</i> , 2021, 13, 339.	1.5	4
95	On the irrationality of rational design of an HIV vaccine in light of protein intrinsic disorder. <i>Archives of Virology</i> , 2021, 166, 1283-1296.	0.9	4
96	The Finite Size Effects and Two-State Paradigm of Protein Folding. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2184.	1.8	4
97	Classification of Chromosomal DNA Sequences Using Hybrid Deep Learning Architectures. <i>Current Bioinformatics</i> , 2021, 15, 1130-1136.	0.7	9
98	The Participation of the Intrinsically Disordered Regions of the bHLH-PAS Transcription Factors in Disease Development. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2868.	1.8	2
99	Comprehensive Intrinsic Disorder Analysis of 6108 Viral Proteomes: From the Extent of Intrinsic Disorder Penetrance to Functional Annotation of Disordered Viral Proteins. <i>Journal of Proteome Research</i> , 2021, 20, 2704-2713.	1.8	16
100	Urgent Need for Field Surveys of Coronaviruses in Southeast Asia to Understand the SARS-CoV-2 Phylogeny and Risk Assessment for Future Outbreaks. <i>Biomolecules</i> , 2021, 11, 398.	1.8	3
101	ER Stress in Cardiometabolic Diseases: From Molecular Mechanisms to Therapeutics. <i>Endocrine Reviews</i> , 2021, 42, 839-871.	8.9	38
102	On the Role of Normal Aging Processes in the Onset and Pathogenesis of Diseases Associated with the Abnormal Accumulation of Protein Aggregates. <i>Biochemistry (Moscow)</i> , 2021, 86, 275-289.	0.7	6
103	The highly flexible disordered regions of the SARS-CoV-2 nucleocapsid N protein within the 1-248 residue construct: sequence-specific resonance assignments through NMR. <i>Biomolecular NMR Assignments</i> , 2021, 15, 219-227.	0.4	26
104	Predicting Associations of miRNAs and Candidate Gastric Cancer Genes for Nanomedicine. <i>Nanomaterials</i> , 2021, 11, 691.	1.9	4
105	Small heat shock protein 22kDa can modulate the aggregation and liquid-liquid phase separation behavior of tau. <i>Protein Science</i> , 2021, 30, 1350-1359.	3.1	19
106	Simple and efficient protocol for immunoglobulin Y purification from chicken egg yolk. <i>Poultry Science</i> , 2021, 100, 100956.	1.5	14
107	Protein Intrinsic Disorder and Evolvability of MERS-CoV. <i>Biomolecules</i> , 2021, 11, 608.	1.8	3
108	Isolation and Characterization of Human Colon Adenocarcinoma Stem-Like Cells Based on the Endogenous Expression of the Stem Markers. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4682.	1.8	6

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109	Prevalence and functionality of intrinsic disorder in human FG-nucleoporins. <i>International Journal of Biological Macromolecules</i> , 2021, 175, 156-170.	3.6	14
110	Natural resources to control COVID-19: could lactoferrin amend SARS-CoV-2 infectivity?. <i>PeerJ</i> , 2021, 9, e11303.	0.9	10
111	Insights into the evolutionary forces that shape the codon usage in the viral genome segments encoding intrinsically disordered protein regions. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	9
112	Carbon-Based Nanomaterials: Promising Antiviral Agents to Combat COVID-19 in the Microbial-Resistant Era. <i>ACS Nano</i> , 2021, 15, 8069-8086.	7.3	134
113	Photo-dependent membrane-less organelles formed from plant phyB and PIF6 proteins in mammalian cells. <i>International Journal of Biological Macromolecules</i> , 2021, 176, 325-331.	3.6	7
114	The <i>Coxiella burnetii</i> QpH1 Plasmid Is a Virulence Factor for Colonizing Bone Marrow-Derived Murine Macrophages. <i>Journal of Bacteriology</i> , 2021, 203, .	1.0	9
115	Structural leitmotif and functional variations of the structural catalytic core in (chymo)trypsin-like serine/cysteine fold proteinases. <i>International Journal of Biological Macromolecules</i> , 2021, 179, 601-609.	3.6	2
116	Structures of <scp>MERSâ€CoV</scp> macro domain in aqueous solution with dynamics: Impacts of parallel tempering simulation techniques and <scp>CHARMM36m</scp> and <scp>AMBER99SB</scp> force field parameters. <i>Proteins: Structure, Function and Bioinformatics</i> , 2021, 89, 1289-1299.	1.5	2
117	Recent Developments in the Field of Intrinsically Disordered Proteins: Intrinsic Disorderâ€Based Emergence in Cellular Biology in Light of the Physiological and Pathological Liquidâ€Liquid Phase Transitions. <i>Annual Review of Biophysics</i> , 2021, 50, 135-156.	4.5	57
118	The Role of Non-Specific Interactions in Canonical and ALT-Associated PML-Bodies Formation and Dynamics. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5821.	1.8	17
119	Chemical synthesis of peptidoglycan mimeticâ€disaccharide-tetrapeptide conjugate and its hydrolysis by bacteriophage T5, RB43 and RB49 <scp>L</scp>-alanyl-<scp>D</scp>-glutamate peptidases. <i>PeerJ</i> , 2021, 9, e11480.	0.9	0
120	Serotonin Promotes Serum Albumin Interaction with the Monomeric Amyloid Î² Peptide. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5896.	1.8	11
121	An emerging role for BAG3 in gynaecological malignancies. <i>British Journal of Cancer</i> , 2021, 125, 789-797.	2.9	10
122	A unique view of SARS-CoV-2 through the lens of ORF8 protein. <i>Computers in Biology and Medicine</i> , 2021, 133, 104380.	3.9	48
123	Understanding structural malleability of the SARS-CoV-2 proteins and relation to the comorbidities. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	7
124	Notable sequence homology of the ORF10 protein introspects the architecture of SARS-CoV-2. <i>International Journal of Biological Macromolecules</i> , 2021, 181, 801-809.	3.6	36
125	Analysis of the dark proteome of Chandipura virus reveals maximum propensity for intrinsic disorder in phosphoprotein. <i>Scientific Reports</i> , 2021, 11, 13253.	1.6	8
126	Networks of Networks: An Essay on Multi-Level Biological Organization. <i>Frontiers in Genetics</i> , 2021, 12, 706260.	1.1	15



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127	Tudor staphylococcal nuclease is a docking platform for stress granule components and is essential for SnRK1 activation in <i>Arabidopsis</i> . EMBO Journal, 2021, 40, e105043.	3.5	37
128	Structural Modeling of the <i>Treponema pallidum</i> Outer Membrane Protein Repertoire: a Road Map for Deconvolution of Syphilis Pathogenesis and Development of a Syphilis Vaccine. Journal of Bacteriology, 2021, 203, e0008221.	1.0	20
129	COVID-19 Vaccines and Thrombosis—Roadblock or Dead-End Street?. Biomolecules, 2021, 11, 1020.	1.8	28
130	The viral capsid as novel nanomaterials for drug delivery. Future Science OA, 2021, 7, FSO744.	0.9	14
131	On the roles of intrinsically disordered proteins and regions in cell communication and signaling. Cell Communication and Signaling, 2021, 19, 88.	2.7	57
132	What's in the BAGs? Intrinsic disorder angle of the multifunctionality of the members of a family of chaperone regulators. Journal of Cellular Biochemistry, 2021, , .	1.2	3
133	<i>Per aspera ad chaos</i> : a personal journey to the wonderland of intrinsic disorder. Biochemical Journal, 2021, 478, 3015-3024.	1.7	7
134	A Bird's-Eye View of Proteomics. Current Protein and Peptide Science, 2021, 22, 574-583.	0.7	1
135	Effects of different solutes on the physical chemical properties of aqueous solutions via rearrangement of hydrogen bonds in water. Journal of Molecular Liquids, 2021, 335, 116288.	2.3	8
136	Interface-based design of the favipiravir binding site in SARS-CoV-2 RNA-dependent RNA polymerase reveals mutations conferring resistance to chain termination. FEBS Letters, 2021, 595, 2366-2382.	1.3	21
137	Association Analysis of Genetic Variants of Sodium Taurocholate Co-Transporting Polypeptide NTCP Gene (SLC10A1) and HBV Infection Status in a Cohort of Egyptian Patients. Gastroenterology Insights, 2021, 12, 384-393.	0.7	0
138	Mechanisms of amyloid proteins aggregation and their inhibition by antibodies, small molecule inhibitors, nano-particles and nano-bodies. International Journal of Biological Macromolecules, 2021, 186, 580-590.	3.6	25
139	Evaluation of ThT augmentation and RLS inner filter effect caused by highly fluorescent coumarin derivative and establishing it as true inhibitor of amyloid fibrillation. Archives of Biochemistry and Biophysics, 2021, 709, 108981.	1.4	7
140	Autoimmunity roots of the thrombotic events after COVID-19 vaccination. Autoimmunity Reviews, 2021, 20, 102941.	2.5	39
141	S-Protein of the Probiotic Strain <i>Lactobacillus crispatus</i> 2029 Prevents the Growth of Permeability of the Caco-2 Monolayer of Human Enterocytes Induced by Intestinal Infections. Journal Biomed, 2021, 17, 79-83.	0.1	0
142	Evolutionary Signatures Governing the Codon Usage Bias in Coronaviruses and Their Implications for Viruses Infecting Various Bat Species. Viruses, 2021, 13, 1847.	1.5	15
143	Targeting autophagy in ischemic stroke: From molecular mechanisms to clinical therapeutics. , 2021, 225, 107848.		105
144	Potential Molecular Mechanisms of Rare Anti-Tumor Immune Response by SARS-CoV-2 in Isolated Cases of Lymphomas. Viruses, 2021, 13, 1927.	1.5	10

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145	Liquid-liquid phase separation as a common organizing principle of intracellular space and biomembranes providing dynamic adaptive responses. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 119102.	1.9	55
146	The mechanism behind flaring/triggering of autoimmunity disorders associated with COVID-19. <i>Autoimmunity Reviews</i> , 2021, 20, 102909.	2.5	7
147	Intrinsic Disorder in Human RNA-Binding Proteins. <i>Journal of Molecular Biology</i> , 2021, 433, 167229.	2.0	23
148	S-layer protein 2 of vaginal <i>Lactobacillus crispatus</i> 2029 enhances growth, differentiation, VEGF production and barrier functions in intestinal epithelial cell line Caco-2. <i>International Journal of Biological Macromolecules</i> , 2021, 189, 410-419.	3.6	5
149	Implications derived from S-protein variants of SARS-CoV-2 from six continents. <i>International Journal of Biological Macromolecules</i> , 2021, 191, 934-955.	3.6	10
150	The role of amyloids in Alzheimer's and Parkinson's diseases. <i>International Journal of Biological Macromolecules</i> , 2021, 190, 44-55.	3.6	33
151	Intrinsically disordered proteins: Chronology of a discovery. <i>Biophysical Chemistry</i> , 2021, 279, 106694.	1.5	18
152	Preface: The Patchwork Quilt of Intrinsic Disorder. <i>Progress in Molecular Biology and Translational Science</i> , 2021, 183, xiii-xviii.	0.9	0
153	Non-specific porins of Gram-negative bacteria as proteins containing intrinsically disordered regions with amyloidogenic potential. <i>Progress in Molecular Biology and Translational Science</i> , 2021, 183, 75-99.	0.9	3
154	Directed regulation of the human microbiome: contribution to the solution of the demographic problem in Russia. <i>Journal Biomed</i> , 2021, 17, 99-105.	0.1	0
155	The signal peptide of the amyloid precursor protein forms amyloid-like aggregates and enhances A $\beta$ <sup>242</sup> aggregation. <i>Cell Reports Physical Science</i> , 2021, 2, 100599.	2.8	5
156	Structural and functional properties of thermolabile bacteriocin produced by the <i>Limosilactobacillus fermentum</i> IIE MD-150 strain. <i>Journal Biomed</i> , 2021, 17, 114-117.	0.1	0
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