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Citation Report

#	ARTICLE	IF	CITATIONS
2	Tools for protein science. Protein Science, 2018, 27, 6-9.	7.6	2
3	Homology Modelling and Molecular Docking Studies of Selected Substituted Lyase Receptor. Bioinformatics and Biology Insights, 2019, 13, 117793221986553.	2.0	35
4	Crystal structures of AztD provide mechanistic insights into direct zinc transfer between proteins. Communications Biology, 2019, 2, 308.	4.4	7
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6	Prediction and validation of potent peptides against herpes simplex virus type 1 via immunoinformatic and systems biology approach. Chemical Biology and Drug Design, 2019, 94, 1868-1883.	3.2	26
7	Membrane organization of photosystem I complexes in the most abundant phototroph on Earth. Nature Plants, 2019, 5, 879-889.	9.3	22
8	Mitofusins modulate the increase in mitochondrial length, bioenergetics and secretory phenotype in therapy-induced senescent melanoma cells. Biochemical Journal, 2019, 476, 2463-2486.	3.7	17
9	Demethylated hopanoids in <i>Ca</i> . <i>Methylomirabilis oxyfera</i> ™ as biomarkers for environmental nitrite-dependent methane oxidation. Organic Geochemistry, 2019, 137, 103899.	1.8	7
10	RAFTS3G: an efficient and versatile clustering software to analyses in large protein datasets. BMC Bioinformatics, 2019, 20, 392.	2.6	3
11	Predicting Sequence Features, Function, and Structure of Proteins Using MESSA. Current Protocols in Bioinformatics, 2019, 67, e84.	25.8	0
12	Identification and Characterization of Preferred DNA-Binding Sites for the <i>Thermus thermophilus</i> HB8 Transcriptional Regulator TTHA0973. International Journal of Molecular Sciences, 2019, 20, 3336.	4.1	7
13	Comprehensive in vivo identification of the c-Myc mRNA protein interactome using HyPR-MS. Rna, 2019, 25, 1337-1352.	3.5	15
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15	Structural modeling of protein complexes: Current capabilities and challenges. Proteins: Structure, Function and Bioinformatics, 2019, 87, 1222-1232.	2.6	12
16	Underestimated Noncovalent Interactions in Protein Data Bank. Journal of Chemical Information and Modeling, 2019, 59, 3389-3399.	5.4	25
17	An Asymmetric Reductase That Intercepts Acyclic Imino Acids Produced <i>in Situ</i> by a Partner Oxidase. Journal of the American Chemical Society, 2019, 141, 12258-12267.	13.7	5
18	Sleeping beauty genetic screen identifies miR-23b::BTBD7 gene interaction as crucial for colorectal cancer metastasis. EBioMedicine, 2019, 46, 79-93.	6.1	13
19	Alphabet Projection of Spectra. Journal of Proteome Research, 2019, 18, 3268-3281.	3.7	5

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21	Cell death and mitochondrial dysfunction induced by the dietary non-proteinogenic amino acid l-azetidine-2-carboxylic acid (Aze). <i>Amino Acids</i> , 2019, 51, 1221-1232.	2.7	10
22	Identification of the lipopolysaccharide Oâ€œantigen biosynthesis priming enzyme and the Oâ€œantigen ligase in <i>Myxococcus xanthus</i> : critical role of LPS Oâ€œantigen in motility and development. <i>Molecular Microbiology</i> , 2019, 112, 1178-1198.	2.5	17
23	N-terminal Î²-strand underpins biochemical specialization of an ATG8 isoform. <i>PLoS Biology</i> , 2019, 17, e3000373.	5.6	47
24	The Role of Iron and Copper on the Oligomerization Dynamics of DR_2577, the Main S-Layer Protein of <i>Deinococcus radiodurans</i> . <i>Frontiers in Microbiology</i> , 2019, 10, 1450.	3.5	10
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30	The Role of Protein Thermodynamics and Primary Structure in Fibrillogenesis of Variable Domains from Immunoglobulin Light Chains. <i>Journal of the American Chemical Society</i> , 2019, 141, 13562-13571.	13.7	24
32	In silico analysis of missense mutations in exons 1â€œ5 of the F9 gene that cause hemophilia B. <i>BMC Bioinformatics</i> , 2019, 20, 363.	2.6	9
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37	HyperFoods: Machine intelligent mapping of cancer-beating molecules in foods. <i>Scientific Reports</i> , 2019, 9, 9237.	3.3	41
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41	motifer: An Integrated Web Software for Identification and Visualization of Protein Posttranslational Modification Motifs. <i>Proteomics</i> , 2019, 19, e1900245.	2.2	25
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1948	Detecting Protein Communities in Native Cell Extracts by Machine Learning: A Structural Biologistâ€™s Perspective. Frontiers in Molecular Biosciences, 2021, 8, 660542.	3.5	10
1950	Insights on the Evolutionary Genomics of the Blautia Genus: Potential New Species and Genetic Content Among Lineages. Frontiers in Microbiology, 2021, 12, 660920.	3.5	33
1951	Tissue-specific regulatory mechanism of LncRNAs and methylation in sheep adipose and muscle induced by Allium mongolicum Regel extracts. Scientific Reports, 2021, 11, 9186.	3.3	8
1952	Effects of pH on an IDP conformational ensemble explored by molecular dynamics simulation. Biophysical Chemistry, 2021, 271, 106552.	2.8	18
1953	A novel yeast hybrid modeling framework integrating Boolean and enzyme-constrained networks enables exploration of the interplay between signaling and metabolism. PLoS Computational Biology, 2021, 17, e1008891.	3.2	16
1954	HCN Channel Phosphorylation Sites Mapped by Mass Spectrometry in Human Epilepsy Patients and in an Animal Model of Temporal Lobe Epilepsy. Neuroscience, 2021, 460, 13-30.	2.3	9
1955	Obesity alters the ovarian proteomic response to zearalenone exposure. Biology of Reproduction, 2021, 105, 278-289.	2.7	14
1956	Characteristics of <i>fosA</i> -carrying plasmids in <i>E. coli</i> and <i>Klebsiella</i> spp. isolates originating from food and environmental samples. Journal of Antimicrobial Chemotherapy, 2021, 76, 2004-2011.	3.0	11
1957	Functional Interfaces, Biological Pathways, and Regulations of Interferon-Related DNA Damage Resistance Signature (IRDS) Genes. Biomolecules, 2021, 11, 622.	4.0	18
1958	Summary Visualizations of Gene Ontology Terms With GO-Figure!. Frontiers in Bioinformatics, 2021, 1, .	2.1	51
1959	Bacteria Make a Living Breathing the Nitroheterocyclic Insensitive Munitions Compound 3-Nitro-1,2,4-triazol-5-one (NTO). Environmental Science & Technology, 2021, 55, 5806-5814.	10.0	12
1960	A combined RAD-Seq and WGS approach reveals the genomic basis of yellow color variation in bumble bee <i>Bombus terrestris</i> . Scientific Reports, 2021, 11, 7996.	3.3	7
1961	Substrate Selectivity of Coumarin Derivatives by Human CYP1 Enzymes: In Vitro Enzyme Kinetics and In Silico Modeling. ACS Omega, 2021, 6, 11286-11296.	3.5	8
1962	Revolutionizing enzyme engineering through artificial intelligence and machine learning. Emerging Topics in Life Sciences, 2021, 5, 113-125.	2.6	21
1963	Coding and non-coding roles of MOCCI (C15ORF48) coordinate to regulate host inflammation and immunity. Nature Communications, 2021, 12, 2130.	12.8	56
1964	Comparative transcriptomics and network pharmacology analysis to identify the potential mechanism of celastrol against osteoarthritis. Clinical Rheumatology, 2021, 40, 4259-4268.	2.2	6
1965	The Human 2-Cys Peroxiredoxins form Widespread, Cysteine-Dependent- and Isoform-Specific Protein-Protein Interactions. Antioxidants, 2021, 10, 627.	5.1	22

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1966	Protective Role of a TMPRSS2 Variant on Severe COVID-19 Outcome in Young Males and Elderly Women. <i>Genes</i> , 2021, 12, 596.	2.4	39
1967	Transcriptomic Profiles of CD47 in Breast Tumors Predict Outcome and Are Associated with Immune Activation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3836.	4.1	2
1968	Phylogenetic analysis of Harmonin homology domains. <i>BMC Bioinformatics</i> , 2021, 22, 190.	2.6	5
1969	Challenges of automation and scale: Bioinformatics and the evaluation of proteins to support genetically modified product safety assessments. <i>Journal of Invertebrate Pathology</i> , 2021, 186, 107587.	3.2	5
1970	Computer-Aided Drug Discovery Identifies Alkaloid Inhibitors of Parkinson's Disease Associated Protein, Prolyl Oligopeptidase. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-10.	1.2	3
1972	Copper mining bacteria: Converting toxic copper ions into a stable single-atom copper. <i>Science Advances</i> , 2021, 7, .	10.3	16
1973	Draft genome of a biparental beetle species, <i>Lethrus apterus</i> . <i>BMC Genomics</i> , 2021, 22, 301.	2.8	0
1974	Cytochrome bd promotes <i>Escherichia coli</i> biofilm antibiotic tolerance by regulating accumulation of noxious chemicals. <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 35.	6.4	15
1975	Biallelic variants in TMEM222 cause a new autosomal recessive neurodevelopmental disorder. <i>Genetics in Medicine</i> , 2021, 23, 1246-1254.	2.4	5
1977	Building Protein-Protein and Protein-Glycosaminoglycan Interaction Networks Using MatrixDB, the Extracellular Matrix Interaction Database. <i>Current Protocols</i> , 2021, 1, e47.	2.9	9
1979	DPP9: Comprehensive In Silico Analyses of Loss of Function Gene Variants and Associated Gene Expression Signatures in Human Hepatocellular Carcinoma. <i>Cancers</i> , 2021, 13, 1637.	3.7	9
1980	An extended catalogue of tandem alternative splice sites in human tissue transcriptomes. <i>PLoS Computational Biology</i> , 2021, 17, e1008329.	3.2	7
1981	Serpins in cartilage and osteoarthritis: what do we know?. <i>Biochemical Society Transactions</i> , 2021, 49, 1013-1026.	3.4	15
1982	FLIPPER: Predicting and Characterizing Linear Interacting Peptides in the Protein Data Bank. <i>Journal of Molecular Biology</i> , 2021, 433, 166900.	4.2	8
1983	Retrospective Use of Whole-Genome Sequencing Expands the Multicountry Outbreak Cluster of <i>Listeria monocytogenes</i> ST1247. <i>International Journal of Genomics</i> , 2021, 2021, 1-5.	1.6	6
1984	Whole-exome sequencing with targeted analysis and epilepsy after acute symptomatic neonatal seizures. <i>Pediatric Research</i> , 2021, , .	2.3	6
1985	Proteome Regulation Patterns Determine <i>Escherichia coli</i> Wild-Type and Mutant Phenotypes. <i>MSystems</i> , 2021, 6, .	3.8	6
1986	Comparative analysis of ¹³ C chemical shifts of β -sheet amyloid proteins and outer membrane proteins. <i>Journal of Biomolecular NMR</i> , 2021, 75, 151-166.	2.8	2

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1988	A DNA repair disorder caused by de novo monoallelic DDB1 variants is associated with a neurodevelopmental syndrome. American Journal of Human Genetics, 2021, 108, 749-756.	6.2	6
1989	Mechanisms of Congenital Heart Disease Caused by NAA15 Haploinsufficiency. Circulation Research, 2021, 128, 1156-1169.	4.5	27
1992	Hypoxia exerts oxidative stress and changes in expression of antioxidant enzyme genes in gills of <i>Mytilus galloprovincialis</i> (Lamarck, 1819). Marine Biology Research, 2021, 17, 369-379.	0.7	6
1993	Cell Wall Layer Induced in Xylem Fibers of Flax Upon Gravistimulation Is Similar to Constitutively Formed Cell Walls of Bast Fibers. Frontiers in Plant Science, 2021, 12, 660375.	3.6	15
1994	Stepwise pathogenic evolution of <i>Mycobacterium abscessus</i> . Science, 2021, 372, .	12.6	91
1995	Abundance Imparts Evolutionary Constraints of Similar Magnitude on the Buried, Surface, and Disordered Regions of Proteins. Frontiers in Molecular Biosciences, 2021, 8, 626729.	3.5	4
1996	The dystrophin myotonia WD repeat-containing protein DMWD and WDR20 differentially regulate USP12 deubiquitinase. FEBS Journal, 2021, 288, 5943-5963.	4.7	1
1997	OMPdb: A Global Hub of Beta-Barrel Outer Membrane Proteins. Frontiers in Bioinformatics, 2021, 1, .	2.1	7
1999	Allosteric Modulation of the CB1 Cannabinoid Receptor by Cannabidiol—A Molecular Modeling Study of the N-Terminal Domain and the Allosteric-Orthosteric Coupling. Molecules, 2021, 26, 2456.	3.8	19
2000	Subcellular proteomics. Nature Reviews Methods Primers, 2021, 1, .	21.2	159
2003	CladeOScope: functional interactions through the prism of clade-wise co-evolution. NAR Genomics and Bioinformatics, 2021, 3, lqab024.	3.2	19
2004	Transcriptome of weeping pinyon pine, <i>Pinus pinceana</i> , shows differences across heterogeneous habitats. Trees - Structure and Function, 2021, 35, 1351-1365.	1.9	4
2005	<i>Streptomyces adelaidensis</i> sp. nov., an actinobacterium isolated from the root of <i>Callitris preissii</i> with potential for plant growth-promoting properties. Archives of Microbiology, 2021, 203, 3341-3352.	2.2	9
2007	The evaluation of the antidiabetic effects of red wine polyphenols with the view of in silico prediction methods. Food Bioscience, 2021, 40, 100920.	4.4	6
2008	MolluscDB: a genome and transcriptome database for molluscs. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200157.	4.0	17
2009	Identifying potential drug targets and candidate drugs for COVID-19: biological networks and structural modeling approaches. F1000Research, 0, 10, 127.	1.6	10
2010	Data set of competitive and allosteric protein kinase inhibitors confirmed by X-ray crystallography. Data in Brief, 2021, 35, 106816.	1.0	4

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2011	NemChR-DB: a database of parasitic nematode chemosensory G-protein coupled receptors. <i>International Journal for Parasitology</i> , 2021, 51, 333-337.	3.1	7
2012	Identification of a Chlorovirus PBCV-1 Protein Involved in Degrading the Host Cell Wall during Virus Infection. <i>Viruses</i> , 2021, 13, 782.	3.3	10
2013	Meta-analysis of QTLome for grain zinc and iron contents in wheat (<i>Triticum aestivum</i> L.). <i>Euphytica</i> , 2021, 217, 1.	1.2	25
2014	Resourcing, annotating, and analysing synthetic peptides of SARS-CoV-2 for immunopeptidomics and other immunological studies. <i>Proteomics</i> , 2021, 21, e2100036.	2.2	7
2015	Next generation sequencing approaches to evaluate water and wastewater quality. <i>Water Research</i> , 2021, 194, 116907.	11.3	62
2016	ExPasy, the Swiss Bioinformatics Resource Portal, as designed by its users. <i>Nucleic Acids Research</i> , 2021, 49, W216-W227.	14.5	333
2018	Characterization of Extracellular Vesicles Secreted in Lentiviral Producing HEK293SF Cell Cultures. <i>Viruses</i> , 2021, 13, 797.	3.3	9
2020	Structural Profiling of Bacterial Effectors Reveals Enrichment of Host-Interacting Domains and Motifs. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 626600.	3.5	4
2021	ProteoSushi: A Software Tool to Biologically Annotate and Quantify Modification-Specific, Peptide-Centric Proteomics Data Sets. <i>Journal of Proteome Research</i> , 2021, 20, 3621-3628.	3.7	6
2022	Based on Network Pharmacology and Molecular Docking to Explore the Underlying Mechanism of Huangqi Gegen Decoction for Treating Diabetic Nephropathy. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-14.	1.2	9
2023	BetAware-Deep: An Accurate Web Server for Discrimination and Topology Prediction of Prokaryotic Transmembrane β -barrel Proteins. <i>Journal of Molecular Biology</i> , 2021, 433, 166729.	4.2	13
2024	Using an Ensemble to Identify and Classify Macroalgae Antimicrobial Peptides. <i>Interdisciplinary Sciences, Computational Life Sciences</i> , 2021, 13, 321-333.	3.6	4
2025	A high-quality carabid genome assembly provides insights into beetle genome evolution and cold adaptation. <i>Molecular Ecology Resources</i> , 2021, 21, 2145-2165.	4.8	13
2026	Proline codon pair selection determines ribosome pausing strength and translation efficiency in bacteria. <i>Communications Biology</i> , 2021, 4, 589.	4.4	13
2027	Skeletal and molecular findings in 51 Cleidocranial dysplasia patients from Turkey. <i>American Journal of Medical Genetics, Part A</i> , 2021, 185, 2488-2495.	1.2	8
2028	Insulin-induced conformational changes in the full-length insulin receptor: structural insights gained from molecular modeling analyses. <i>Acta Biochimica Et Biophysica Sinica</i> , 2021, 53, 848-869.	2.0	2
2030	Pretraining model for biological sequence data. <i>Briefings in Functional Genomics</i> , 2021, 20, 181-195.	2.7	16
2031	Characterization of the Cerebrospinal Fluid Proteome in Patients with Fragile X-Associated Tremor/Ataxia Syndrome. <i>Cerebellum</i> , 2022, 21, 86-98.	2.5	5

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2033	Transcriptome of different fruiting stages in the cultivated mushroom <i>Cyclocybe aegerita</i> suggests a complex regulation of fruiting and reveals enzymes putatively involved in fungal oxylipin biosynthesis. <i>BMC Genomics</i> , 2021, 22, 324.	2.8	21
2034	Systems Pharmacology and In Silico Docking Analysis Uncover Association of CA2, PPARC, RXRA, and VDR with the Mechanisms Underlying the Shi Zhen Tea Formula Effect on Eczema. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-17.	1.2	1
2035	SARS-CoV-2 simulations go exascale to predict dramatic spike opening and cryptic pockets across the proteome. <i>Nature Chemistry</i> , 2021, 13, 651-659.	13.6	190
2036	Establishment of a Mass-Spectrometry-Based Method for the Identification of the <i>In Vivo</i> Whole Blood and Plasma ADP-Ribosylomes. <i>Journal of Proteome Research</i> , 2021, 20, 3090-3101.	3.7	7
2037	Evolutionary Dynamics of the OR Gene Repertoire in Teleost Fishes: Evidence of an Association with Changes in Olfactory Epithelium Shape. <i>Molecular Biology and Evolution</i> , 2021, 38, 3742-3753.	8.9	14
2038	Prokaryotic communities from a lava tube cave in La Palma Island (Spain) are involved in the biogeochemical cycle of major elements. <i>PeerJ</i> , 2021, 9, e11386.	2.0	25
2039	DeepGOWeb: fast and accurate protein function prediction on the (Semantic) Web. <i>Nucleic Acids Research</i> , 2021, 49, W140-W146.	14.5	15
2040	Updates to HCOP: the HGNC comparison of orthology predictions tool. <i>Briefings in Bioinformatics</i> , 2021, 22, .	6.5	20
2041	COVID-19 biomarkers and their overlap with comorbidities in a disease biomarker data model. <i>Briefings in Bioinformatics</i> , 2021, 22, .	6.5	11
2042	Genomic data support management of anadromous Arctic Char fisheries in Nunavik by highlighting neutral and putatively adaptive genetic variation. <i>Evolutionary Applications</i> , 2021, 14, 1880-1897.	3.1	17
2043	ncFANs v2.0: an integrative platform for functional annotation of non-coding RNAs. <i>Nucleic Acids Research</i> , 2021, 49, W459-W468.	14.5	18
2044	Effects of FUDR on gene expression in the <i>C. elegans</i> bacterial diet OP50. <i>BMC Research Notes</i> , 2021, 14, 207.	1.4	2
2045	Differential Methylation Patterns in Apomictic vs. Sexual Genotypes of the Diplosporous Grass <i>Eragrostis curvula</i> . <i>Plants</i> , 2021, 10, 946.	3.5	6
2046	Meanders as a scaling motif for understanding of floodplain soil microbiome and biogeochemical potential at the watershed scale. <i>Microbiome</i> , 2021, 9, 121.	11.1	11
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2048	Flavonoids and hERG channels: Friends or foes?. <i>European Journal of Pharmacology</i> , 2021, 899, 174030.	3.5	6
2049	A rhomboid-like protease gene from an interspecies translocation confers resistance to cyst nematodes. <i>New Phytologist</i> , 2021, 231, 801-813.	7.3	8

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2051	Pathogenic potential assessment of the Shiga toxin-producing <i>Escherichia coli</i> by a source attribution—considered machine learning model. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	8
2052	Molecular mechanisms of metabotropic GABA _B receptor function. Science Advances, 2021, 7, .	10.3	46
2053	REP2: A Web Server to Detect Common Tandem Repeats in Protein Sequences. Journal of Molecular Biology, 2021, 433, 166895.	4.2	7
2054	Multi-Dimensional Transcriptome Analysis Reveals Modulation of Cholesterol Metabolism as Highly Integrated Response to Brain Injury. Frontiers in Neuroscience, 2021, 15, 671249.	2.8	8
2055	Characterisation of the Semliki Forest Virus-host cell interactome reveals the viral capsid protein as an inhibitor of nonsense-mediated mRNA decay. PLoS Pathogens, 2021, 17, e1009603.	4.7	20
2056	Massilia horti sp. nov. and Noviherbaspirillum arenae sp. nov., two novel soil bacteria of the Oxalobacteraceae. International Journal of Systematic and Evolutionary Microbiology, 2021, 71, .	1.7	12
2057	Lysosome-targeted photodynamic treatment induces primary keratinocyte differentiation. Journal of Photochemistry and Photobiology B: Biology, 2021, 218, 112183.	3.8	2
2058	Integrating protein networks and machine learning for disease stratification in the Hereditary Spastic Paraplegias. IScience, 2021, 24, 102484.	4.1	8
2059	Diurnal transcript profiling of the diatom <i>Seminais robusta</i> reveals adaptations to a benthic lifestyle. Plant Journal, 2021, 107, 315-336.	5.7	15
2060	SARS-CoV-2 gene content and COVID-19 mutation impact by comparing 44 Sarbecovirus genomes. Nature Communications, 2021, 12, 2642.	12.8	136
2061	Structural and mechanistic insights into the bifunctional HSN2 enzyme catalyzing the second and third steps of histidine biosynthesis in plants. Scientific Reports, 2021, 11, 9647.	3.3	5
2062	The DBSAV Database: Predicting Deleteriousness of Single Amino Acid Variations in the Human Proteome. Journal of Molecular Biology, 2021, 433, 166915.	4.2	15
2064	Identifying potential drug targets and candidate drugs for COVID-19: biological networks and structural modeling approaches. F1000Research, 2021, 10, 127.	1.6	12
2065	GeneCaRNA: A Comprehensive Gene-centric Database of Human Non-coding RNAs in the GeneCards Suite. Journal of Molecular Biology, 2021, 433, 166913.	4.2	51
2066	Construction of dimeric hTSP0 protein model using homology modeling and molecular dynamics. Journal of Physics: Conference Series, 2021, 1932, 012016.	0.4	1
2067	Molecular dynamics shows complex interplay and long-range effects of post-translational modifications in yeast protein interactions. PLoS Computational Biology, 2021, 17, e1008988.	3.2	12
2068	Recurrent <i>NFIA</i> K125E substitution represents a loss-of-function allele: Sensitive in vitro and in vivo assays for nontruncating alleles. American Journal of Medical Genetics, Part A, 2021, 185, 2084-2093.	1.2	9

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2070	A bacteriophage JN02 infecting multidrug-resistant Shiga toxin-producing <i>Escherichia coli</i> : isolation, characterisation and application as a biocontrol agent in foods. <i>International Journal of Food Science and Technology</i> , 2021, 56, 4756-4769.	2.7	3
2071	Model-based analysis uncovers mutations altering autophagy selectivity in human cancer. <i>Nature Communications</i> , 2021, 12, 3258.	12.8	24
2072	Trypsinogen and chymotrypsinogen: the mysterious hyper-reactivity of selected cysteines is still present after their divergent evolution. <i>FEBS Journal</i> , 2021, 288, 6003-6018.	4.7	4
2073	Molecular Determinants Underlying Delta Selective Compound 2 Activity at γ -Amino-Containing GABA _A Receptors. <i>Molecular Pharmacology</i> , 2021, 100, 46-56.	2.3	2
2074	Melanoma-associated glycosyltransferase GCNT2 as an emerging biomarker and therapeutic target*. <i>British Journal of Dermatology</i> , 2021, 185, 294-301.	1.5	7
2075	A 3D system to model human pancreas development and its reference single-cell transcriptome atlas identify signaling pathways required for progenitor expansion. <i>Nature Communications</i> , 2021, 12, 3144.	12.8	51
2076	Investigation of the Multi-Target Mechanism of Guanxin-Shutong Capsule in Cerebrovascular Diseases: A Systems Pharmacology and Experimental Assessment. <i>Frontiers in Pharmacology</i> , 2021, 12, 650770.	3.5	7
2077	Reconstruction of ancient microbial genomes from the human gut. <i>Nature</i> , 2021, 594, 234-239.	27.8	139
2078	The genome sequence of the brown trout, <i>Salmo trutta</i> Linnaeus 1758. <i>Wellcome Open Research</i> , 2021, 6, 108.	1.8	15
2079	<scp>SCLpred</MEM>: Subcellular localization prediction of membrane proteins by deep N-convolutional neural networks. <i>Proteins: Structure, Function and Bioinformatics</i> , 2021, 89, 1233-1239.	2.6	4
2080	The COVID-19 Data Portal: accelerating SARS-CoV-2 and COVID-19 research through rapid open access data sharing. <i>Nucleic Acids Research</i> , 2021, 49, W619-W623.	14.5	53
2081	RNR inhibitor binding studies of <i>Chlamydia felis</i> : insights from in silico molecular modeling, docking, and simulation studies. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, , 1-13.	3.5	1
2082	ToxProfiler: Toxicity-target profiler based on chemical similarity. <i>Computational Toxicology</i> , 2021, 18, 100162.	3.3	11
2084	Integrating Multimeric Threading With High-throughput Experiments for Structural Interactome of <i>Escherichia coli</i> . <i>Journal of Molecular Biology</i> , 2021, 433, 166944.	4.2	9
2085	High Resistance of a Sludge Enriched with Nitrogen-Fixing Bacteria to Ammonium Salts and Its Potential as a Biofertilizer. <i>Bioengineering</i> , 2021, 8, 55.	3.5	4
2086	Prediction of the therapeutic mechanism responsible for the effects of <i>Sophora japonica</i> flower buds on contact dermatitis by network-based pharmacological analysis. <i>Journal of Ethnopharmacology</i> , 2021, 271, 113843.	4.1	5
2087	Invasion and rapid adaptation of guppies (<i>Poecilia reticulata</i>) across the Hawaiian Archipelago. <i>Evolutionary Applications</i> , 2021, 14, 1747-1761.	3.1	6

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2089	Identification of prognostic and bone metastasis-related alternative splicing signatures in mesothelioma. <i>Cancer Medicine</i> , 2021, 10, 4478-4492.	2.8	1
2090	Amino Acid Interactions (INTAA) web server v2.0: a single service for computation of energetics and conservation in biomolecular 3D structures. <i>Nucleic Acids Research</i> , 2021, 49, W15-W20.	14.5	6
2091	<scp><i>TSPEAR</i></scp> variants are primarily associated with ectodermal dysplasia and tooth agenesis but not hearing loss: A novel cohort study. <i>American Journal of Medical Genetics, Part A</i> , 2021, 185, 2417-2433.	1.2	10
2092	Lemur Tyrosine Kinases and Prostate Cancer: A Literature Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5453.	4.1	2
2093	Macrosynteny analysis between <i>Lentinula edodes</i> and <i>Lentinula novae-zelandiae</i> reveals signals of domestication in <i>Lentinula edodes</i> . <i>Scientific Reports</i> , 2021, 11, 9845.	3.3	3
2094	Unification of functional annotation descriptions using text mining. <i>Biological Chemistry</i> , 2021, 402, 983-990.	2.5	6
2095	Regulation of the Phosphoinositide Code by Phosphorylation of Membrane Readers. <i>Cells</i> , 2021, 10, 1205.	4.1	8
2096	LanCLs add glutathione to dehydroamino acids generated at phosphorylated sites in the proteome. <i>Cell</i> , 2021, 184, 2680-2695.e26.	28.9	34
2097	Traumatic injury compromises nucleocytoplasmic transport and leads to TDP-43 pathology. <i>ELife</i> , 2021, 10, .	6.0	33
2098	Therapeutic wavelengths of ultraviolet B radiation activate apoptotic, circadian rhythm, redox signalling and key canonical pathways in psoriatic epidermis. <i>Redox Biology</i> , 2021, 41, 101924.	9.0	10
2099	Circadian time series proteomics reveals daily dynamics in cartilage physiology. <i>Osteoarthritis and Cartilage</i> , 2021, 29, 739-749.	1.3	17
2101	Inhibition of hyaluronan secretion by novel coumarin compounds and chitin synthesis inhibitors. <i>Glycobiology</i> , 2021, 31, 959-974.	2.5	6
2102	Evaluating Mechanisms of IDH1 Regulation through Site-Specific Acetylation Mimics. <i>Biomolecules</i> , 2021, 11, 740.	4.0	3
2103	Landscape of allele-specific transcription factor binding in the human genome. <i>Nature Communications</i> , 2021, 12, 2751.	12.8	55
2104	Systemic Bioinformatic Analyses of Nuclear-Encoded Mitochondrial Genes in Hypertrophic Cardiomyopathy. <i>Frontiers in Genetics</i> , 2021, 12, 670787.	2.3	1
2105	Recent Advances in Protein Homology Detection Propelled by Inter-Residue Interaction Map Threading. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 643752.	3.5	8
2107	A Strategy Based on Loop Analysis to Develop Peptide Epitopes: Application to SARS-CoV-2 Spike Protein. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 658687.	3.5	1

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2111	Discovery of Natural Products Targeting NQO1 via an Approach Combining Network-Based Inference and Identification of Privileged Substructures. Journal of Chemical Information and Modeling, 2021, 61, 2486-2498.	5.4	7
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2117	Sphingomyelin and Medullary Sponge Kidney Disease: A Biological Link Identified by Omics Approach. Frontiers in Medicine, 2021, 8, 671798.	2.6	1
2118	Recommendations for the introduction of metagenomic next-generation sequencing in clinical virology, part II: bioinformatic analysis and reporting. Journal of Clinical Virology, 2021, 138, 104812.	3.1	39
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