

The STRING database in 2021: customizable proteinâ€™  
characterization of user-uploaded gene/measurement s

Nucleic Acids Research

49, D605-D612

DOI: [10.1093/nar/gkaa1074](https://doi.org/10.1093/nar/gkaa1074)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Crosslinking mass spectrometry unveils novel interactions and structural distinctions in the model green alga <i>Chlamydomonas reinhardtii</i> . <i>Molecular Omics</i> , 2021, 17, 917-928.	1.4	2
2	Identification of fibronectin 1 (FN1) and complement component 3 (C3) as immune infiltration-related biomarkers for diabetic nephropathy using integrated bioinformatic analysis. <i>Bioengineered</i> , 2021, 12, 5386-5401.	1.4	21
3	Integrated weighted gene co-expression network analysis uncovers STAT1 (signal transducer and Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 arterial hypertension. <i>Bioengineered</i> , 2021, 12, 6021-6034.	1.4	7
4	PathBIX—a web server for network-based pathway annotation with adaptive null models. <i>Bioinformatics Advances</i> , 2021, 1, .	0.9	5
5	Exploiting the molecular basis of age and gender differences in outcomes of SARS-CoV-2 infections. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 4092-4100.	1.9	23
6	Metabolic Response to the Mitochondrial Toxin 1-Methyl-4-phenylpyridinium (MPP+) in LDH-A/B Double-knockout LS174T Colon Cancer Cells. <i>Cancer Genomics and Proteomics</i> , 2021, 18, 385-405.	1.0	1
7	Bioinformatics Tools and Moringa Genomics. <i>Compendium of Plant Genomes</i> , 2021, , 145-156.	0.3	0
9	Identification of key genes involved in tumor immune cell infiltration and cetuximab resistance in colorectal cancer. <i>Cancer Cell International</i> , 2021, 21, 135.	1.8	5
10	Connection of BANK1, Tolerance, Regulatory B cells, and Apoptosis: Perspectives of a Reductionist Investigation. <i>Frontiers in Immunology</i> , 2021, 12, 589786.	2.2	10
11	Computational prediction of CRISPR-impaired non-coding regulatory regions. <i>Biological Chemistry</i> , 2021, 402, 973-982.	1.2	1
12	Selective Activation of CNS and Reference PPARGC1A Promoters Is Associated with Distinct Gene Programs Relevant for Neurodegenerative Diseases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3296.	1.8	5
13	Obstructive Sleep Apnea and Dementia-Common Gene Associations through Network-Based Identification of Common Driver Genes. <i>Genes</i> , 2021, 12, 542.	1.0	2
14	Universal Constraints on Protein Evolution in the Long-Term Evolution Experiment with <i>Escherichia coli</i> . <i>Genome Biology and Evolution</i> , 2021, 13, .	1.1	7
15	Prognostic value of ubiquitin E2 UBE2W and its correlation with tumor-infiltrating immune cells in breast cancer. <i>BMC Cancer</i> , 2021, 21, 479.	1.1	2
16	The VRNetzer platform enables interactive network analysis in Virtual Reality. <i>Nature Communications</i> , 2021, 12, 2432.	5.8	33
17	Calcium homeostasis and stable fatty acid composition underpin heatwave tolerance of the keystone polychaete <i>Hediste diversicolor</i> . <i>Environmental Research</i> , 2021, 195, 110885.	3.7	2
18	PubMed-Scale Chemical Concept Embeddings Reconstruct Physical Protein Interaction Networks. <i>Frontiers in Research Metrics and Analytics</i> , 2021, 6, 644614.	0.9	0
19	Phenotypic plasticity in <i>Pygoscelis adeliae</i> physiology and immunity under anthropogenic pressure: a proteomic and biochemical scenario. <i>Marine Biology</i> , 2021, 168, 1.	0.7	1

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24	CNVxplorer: a web tool to assist clinical interpretation of CNVs in rare disease patients. <i>Nucleic Acids Research</i> , 2021, 49, W93-W103.	6.5	14
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40	Transcriptome Profile Analysis of Triple-Negative Breast Cancer Cells in Response to a Novel Cytostatic Tetrahydroisoquinoline Compared to Paclitaxel. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7694.	1.8	3
41	A Potential circRNA-miRNA-mRNA Regulatory Network in Asthmatic Airway Epithelial Cells Identified by Integrated Analysis of Microarray Datasets. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 703307.	1.6	9
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1898	Investigate the genetic mechanisms of diabetic kidney disease complicated with inflammatory bowel disease through data mining and bioinformatic analysis. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	2
1899	Identification of YABBY Transcription Factors and Their Function in ABA and Salinity Response in <i>Nelumbo nucifera</i> . <i>Plants</i> , 2023, 12, 380.	1.6	2
1901	Signaling through the Dystrophin Glycoprotein Complex affects the stress-dependent transcriptome in <i>Drosophila</i> . <i>DMM Disease Models and Mechanisms</i> , 0, , .	1.2	2
1902	An herbal formulation “Shenshuaifu Granule” alleviates cisplatin-induced nephrotoxicity by suppressing inflammation and apoptosis through inhibition of the TLR4/MyD88/NF- $\kappa$ B pathway. <i>Journal of Ethnopharmacology</i> , 2023, , 116168.	2.0	1
1903	The <i>Pseudomonas aeruginosa</i> RpoH ( $\sigma^{32}$ ) Regulon and Its Role in Essential Cellular Functions, Starvation Survival, and Antibiotic Tolerance. <i>International Journal of Molecular Sciences</i> , 2023, 24, 1513.	1.8	4
1904	Genomic Profiling Reveals the Variant Landscape of Sporadic Parathyroid Adenomas in Chinese Population. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2023, 108, 1768-1775.	1.8	7
1905	Multimodal epigenetic changes and altered NEUROD1 chromatin binding in the mouse hippocampus underlie FOXG1 syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, .	3.3	5
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1909	The Potential of Ameliorating COVID-19 and Sequelae From <i>Andrographis paniculata</i> via Bioinformatics. <i>Bioinformatics and Biology Insights</i> , 2023, 17, 117793222211496.	1.0	1
1910	Metapath-aggregated heterogeneous graph neural network for drug–target interaction prediction. <i>Briefings in Bioinformatics</i> , 2023, 24, .	3.2	6
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1912	Investigation of early molecular alterations in tauopathy with generative adversarial networks. <i>Scientific Reports</i> , 2023, 13, .	1.6	1
1913	Characterization of proteases in the seminal plasma and spermatozoa of llama. <i>Theriogenology</i> , 2023, , .	0.9	1
1914	Identification of therapeutic targets for osteosarcoma by integrating single-cell RNA sequencing and network pharmacology. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	0
1915	Cell type-specific histone acetylation profiling of Alzheimer’s disease subjects and integration with genetics. <i>Frontiers in Molecular Neuroscience</i> , 0, 15, .	1.4	6
1916	Sanhuang xiexin decoction synergizes insulin/PI3K-Akt/FoxO signaling pathway to inhibit hepatic glucose production and alleviate T2DM. <i>Journal of Ethnopharmacology</i> , 2023, 306, 116162.	2.0	3

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1918	Cell death-related biomarker SLC2A1 has a significant role in prognosis prediction and immunotherapy efficacy evaluation in pan-cancer. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	4
1919	Xanthine oxidase, a therapeutic target of realgar for non-small cell lung cancer. <i>Heliyon</i> , 2023, 9, e12666.	1.4	1
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1922	RNA methylation influences TDP43 binding and disease pathogenesis in models of amyotrophic lateral sclerosis and frontotemporal dementia. <i>Molecular Cell</i> , 2023, 83, 219-236.e7.	4.5	22
1924	A pan-cancer analysis reveals role of clusterin (CLU) in carcinogenesis and prognosis of human tumors. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	3
1925	Protein network analysis and functional enrichment via computational biotechnology unravel molecular and pathogenic mechanisms of kidney stone disease. <i>Biomedical Journal</i> , 2023, 46, 100577.	1.4	4
1926	A Genome-Wide Functional Screen Identifies Enhancer and Protective Genes for Amyloid Beta-Peptide Toxicity. <i>International Journal of Molecular Sciences</i> , 2023, 24, 1278.	1.8	1
1927	Identification of Artemisia Argyi (AA) Therapy in Alzheimer's Disease (AD) Using Network Pharmacology and Molecular Docking. <i>Advanced Biology</i> , 2023, 7, .	1.4	1
1928	Systems and in vitro pharmacology profiling of diosgenin against breast cancer. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	14
1929	Identifying and validating molecular subtypes of biliary atresia using multiple high-throughput data integration analysis. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	1
1930	One-step generation of core-shell biomimetic microspheres encapsulating double-layer cells using microfluidics for hair regeneration. <i>Biofabrication</i> , 2023, 15, 025007.	3.7	6
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1963	Cerebrospinal fluid proteomics indicates immune dysregulation and neuronal dysfunction in antibody associated autoimmune encephalitis. <i>Journal of Autoimmunity</i> , 2023, 135, 102985.	3.0	2
1964	The role of unfolded protein response-associated miRNAs in immunogenic cell death amplification: A literature review and bioinformatics analysis. <i>Life Sciences</i> , 2023, 314, 121341.	2.0	2
1965	Expression landscapes in non-small cell lung cancer shaped by the thyroid transcription factor 1. <i>Lung Cancer</i> , 2023, 176, 121-131.	0.9	1
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1968	Fibrosis resolution in the mouse liver: Role of Mmp12 and potential role of calpain 1/2. <i>Matrix Biology Plus</i> , 2023, 17, 100127.	1.9	7
1969	Identification of new telomere- and telomerase-associated autoantigens in systemic sclerosis. <i>Journal of Autoimmunity</i> , 2023, 135, 102988.	3.0	7
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1971	Fu Fang Gang Liu aqueous extract inhibits the proliferation of HeLa cells by causing deoxyribonucleic acid damage. <i>Journal of Ethnopharmacology</i> , 2023, 304, 116083.	2.0	0
1972	Response to microplastic exposure: An exploration into the sea urchin immune cell proteome. <i>Environmental Pollution</i> , 2023, 320, 121062.	3.7	10
1973	Integrated analysis of mRNA and extrachromosomal circular DNA profiles to identify the potential mRNA biomarkers in breast cancer. <i>Gene</i> , 2023, 857, 147174.	1.0	4
1974	Comprehensive Analysis of Necroptosis-Related Genes as Prognostic Factors and Immunological Biomarkers in Breast Cancer. <i>Journal of Personalized Medicine</i> , 2023, 13, 44.	1.1	2
1975	Circulating miR-320a-3p and miR-483-5p level associated with pharmacokineticâ€“pharmacodynamic profiles of rivaroxaban. <i>Human Genomics</i> , 2022, 16, .	1.4	2
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1982	Mechanism of Datura metel on sinus bradycardia based on network pharmacology and molecular docking. <i>Medicine (United States)</i> , 2022, 101, e32190.	0.4	0
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1987	Network Pharmacology and Molecular Docking Analysis of Shufeiya Recipe in the Treatment of Pulmonary Hypertension. <i>BioMed Research International</i> , 2022, 2022, 1-12.	0.9	7
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1991	The potential mechanism of Bletilla striata in the treatment of ulcerative colitis determined through network pharmacology, molecular docking, and in vivo experimental verification. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2023, 396, 983-1000.	1.4	2
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2001	Analysis of differentially expressed long non-coding RNAs in LPS-induced human HMC3 microglial cells. <i>BMC Genomics</i> , 2022, 23, .	1.2	1
2002	High MCM8 expression correlates with unfavorable prognosis and induces immune cell infiltration in hepatocellular carcinoma. <i>Aging</i> , 2022, 14, 10027-10049.	1.4	2
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2004	Predicting Compound-Protein Interaction by Deepening the Systemic Background via Molecular Network Feature Embedding. , 2022, , .		2
2005	Changes in blood monocyte functional profile in breast cancer. <i>Siberian Journal of Oncology</i> , 2023, 21, 68-80.	0.1	0
2006	Bioprosthetic heart valve structural degeneration associated with metabolic syndrome: Mitigation with polyoxazoline modification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2023, 120, .	3.3	0
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2012	Identification of EMP1 as a critical gene for cisplatin resistance in ovarian cancer by using integrated bioinformatics analysis. <i>Cancer Medicine</i> , 0, , .	1.3	2
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2015	TriTrypDB: An integrated functional genomics resource for kinetoplastida. <i>PLoS Neglected Tropical Diseases</i> , 2023, 17, e0011058.	1.3	27
2016	Predicting Drug-Target Affinity by Learning Protein Knowledge From Biological Networks. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2023, 27, 2128-2137.	3.9	5
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2032	The efficacy and mechanism of berberine in improving aging-related cognitive dysfunction: A study based on network pharmacology. <i>Frontiers in Neuroscience</i> , 0, 17, .	1.4	4
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2034	From Classical to Modern Computational Approaches to Identify Key Genetic Regulatory Components in Plant Biology. <i>International Journal of Molecular Sciences</i> , 2023, 24, 2526.	1.8	2
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2039	HDAC4 in cancer: A multitasking platform to drive not only epigenetic modifications. <i>Frontiers in Molecular Biosciences</i> , 0, 10, .	1.6	5
2040	Multivariate Curve Resolution for Analysis of Heterogeneous System in Toxicogenomics. <i>Computational Methods in Engineering &amp; the Sciences</i> , 2023, , 375-403.	0.3	0
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2056	A Comprehensive Investigation of Genomic Variants in Prostate Cancer Reveals 30 Putative Regulatory Variants. <i>International Journal of Molecular Sciences</i> , 2023, 24, 2472.	1.8	0
2057	ProtInteract: A deep learning framework for predicting protein-protein interactions. <i>Computational and Structural Biotechnology Journal</i> , 2023, 21, 1324-1348.	1.9	7
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2059	ABI3BP is a prognosis biomarker related with clinicopathological features and immunity infiltration of lung tumor. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	2
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2062	The Effective Components, Core Targets, and Key Pathways of Ginseng against Alzheimer's Disease. <i>Evidence-based Complementary and Alternative Medicine</i> , 2023, 2023, 1-12.	0.5	8
2063	GRHL2-controlled gene expression networks in luminal breast cancer. <i>Cell Communication and Signaling</i> , 2023, 21, .	2.7	3
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2068	Molecular Genetic Characteristics of FANCI, a Proposed New Ovarian Cancer Predisposing Gene. <i>Genes</i> , 2023, 14, 277.	1.0	3
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2073	<i>Elsholtzia bodinieri</i> Vaniot ameliorated acute lung injury in mice by regulating pyroptosis, inflammation, oxidative stress and macrophage polarization. <i>Journal of Ethnopharmacology</i> , 2023, 307, 116232.	2.0	4
2074	Deciphering Macromolecular Interactions Involved in Abiotic Stress Signaling: A Review of Bioinformatics Analysis. <i>Methods in Molecular Biology</i> , 2023, , 257-294.	0.4	2
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2076	The Biological Processes of Ferroptosis Involved in Pathogenesis of COVID-19 and Core Ferroptotic Genes Related With the Occurrence and Severity of This Disease. <i>Evolutionary Bioinformatics</i> , 2023, 19, 117693432311532.	0.6	1
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