

# DAVID: a web server for functional enrichment analysis lists (2021 update)

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Citation Report

#	ARTICLE	IF	CITATIONS
14	Isoforms of miR-148a and miR-203a are putative suppressors of colorectal cancer. Bulletin of Russian State Medical University, 2022, , .	0.3	0
16	Spatial region-resolved proteome map reveals mechanism of COVID-19-associated heart injury. Cell Reports, 2022, 39, 110955.	2.9	16
17	Comprehensive analysis of the collagen family members as prognostic markers in clear cell renal cell carcinoma. Translational Cancer Research, 2022, 11, 1954-1969.	0.4	2
18	HemI 2.0: an online service for heatmap illustration. Nucleic Acids Research, 2022, 50, W405-W411.	6.5	24
23	<scp>SIRT6</scp> promotes mitochondrial fission and subsequent cellular invasion in ovarian cancer. FEBS Open Bio, 2022, 12, 1657-1676.	1.0	14
24	Dysregulation of Lipid and Glucose Homeostasis in Hepatocyte-Specific SLC25A34 Knockout Mice. American Journal of Pathology, 2022, 192, 1259-1281.	1.9	2
25	Gene Expression of the D-Series Resolvin Pathway Predicts Activation of Anti-Tumor Immunity and Clinical Outcomes in Head and Neck Cancer. International Journal of Molecular Sciences, 2022, 23, 6473.	1.8	2
28	In silico analysis of expression and DNA methylation profiles of NLRP13 inflammasome in tumor cells. , 2022, 33, 201067.		4
29	Investigation Driven by Network Pharmacology on Potential Components and Mechanism of DGS, a Natural Vasoprotective Combination, for the Phytotherapy of Coronary Artery Disease. Molecules, 2022, 27, 4075.	1.7	1
30	Differences in Antioxidant and Lipid Handling Protein Expression Influence How Cells Expressing Distinct Mutant TP53 Subtypes Maintain Iron Homeostasis. Cells, 2022, 11, 2064.	1.8	1
31	Inter- and intra-chromosomal modulators of the APOE É2 and É4 effects on the Alzheimerâ€™s disease risk. GeroScience, 0, , .	2.1	2
32	Circulating circular RNAs as biomarkers for the diagnosis of essential hypertension with carotid plaque. Clinical and Experimental Hypertension, 0, , 1-9.	0.5	0
35	Spatially resolved proteomic map shows that extracellular matrix regulates epidermal growth. Nature Communications, 2022, 13, .	5.8	26
37	Proteomic Analysis of Methanococcus voltae Grown in the Presence of Mineral and Nonmineral Sources of Iron and Sulfur. Microbiology Spectrum, 2022, 10, .	1.2	1
39	Use of Autoreactive Antibodies in Blood of Patients with Pancreatic Intraductal Papillary Mucinous Neoplasms (IPMN) for Grade Distinction and Detection of Malignancy. Cancers, 2022, 14, 3562.	1.7	1
41	Defect-buffering cellular plasticity increases robustness of metazoan embryogenesis. Cell Systems, 2022, 13, 615-630.e9.	2.9	11
42	Rapid screening of hepatotoxic components in Uncariae Ramulus Cum Uncis based on â€œcomponent-target-pathwayâ€™network. Journal of Pharmaceutical and Biomedical Analysis, 2022, 219, 114968.	1.4	2
43	Gene Identification and Potential Drug Therapy for Drug-Resistant Melanoma with Bioinformatics and Deep Learning Technology. Disease Markers, 2022, 2022, 1-13.	0.6	1

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44	Motif models proposing independent and interdependent impacts of nucleotides are related to high and low affinity transcription factor binding sites in Arabidopsis. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	4
45	GeneToList: A Web Application to Assist with Gene Identifiers for the Non-Bioinformatics-Savvy Scientist. <i>Biology</i> , 2022, 11, 1113.	1.3	1
47	Identification of Critical Genes and Pathways for Influenza A Virus Infections via Bioinformatics Analysis. <i>Viruses</i> , 2022, 14, 1625.	1.5	3
48	Spotlight on Exosomal Non-Coding RNAs in Breast Cancer: An In Silico Analysis to Identify Potential lncRNA/circRNA-miRNA-Target Axis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8351.	1.8	9
49	Marine <i>Synechococcus</i> sp. Strain WH7803 Shows Specific Adaptative Responses to Assimilate Nanomolar Concentrations of Nitrate. <i>Microbiology Spectrum</i> , 2022, 10, .	1.2	2
50	High-Throughput Proteomic Analysis of Human Dermal Fibroblast Response to Different Blood Derivatives: Autologous Topical Serum Derived from Plasma Rich in Growth Factors (PRGF) versus Leukocyte- and Platelet-Rich Plasma (L-PRP). <i>Biomolecules</i> , 2022, 12, 1002.	1.8	1
51	HOTAIR interacts with PRC2 complex regulating the regional preadipocyte transcriptome and human fat distribution. <i>Cell Reports</i> , 2022, 40, 111136.	2.9	17
52	Coprophagy Prevention Decreases the Reproductive Performance and Granulosa Cell Apoptosis via Regulation of CTSB Gene in Rabbits. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	3
53	Cyclic Hypoxia Induces Transcriptomic Changes in Mast Cells Leading to a Hyperresponsive Phenotype after Fc $\mu$ R1 Cross-Linking. <i>Cells</i> , 2022, 11, 2239.	1.8	1
54	Dysregulation of Subcutaneous White Adipose Tissue Inflammatory Environment Modelling in Non-Insulin Resistant Obesity and Responses to Omega-3 Fatty Acids – A Double Blind, Randomised Clinical Trial. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	7
55	Protective effects of budesonide on LPS-induced podocyte injury by modulating macrophage M1/M2 polarization: Evidence from <i>in vitro</i> and <i>in silico</i> studies. <i>Experimental and Therapeutic Medicine</i> , 2022, 24, .	0.8	1
56	The DEAD-box helicase Hlc regulates basal transcription and chromatin opening of stress-responsive genes. <i>Nucleic Acids Research</i> , 2022, 50, 9175-9189.	6.5	5
57	Analysis of Common SNPs across Continents Reveals Major Genomic Differences between Human Populations. <i>Genes</i> , 2022, 13, 1472.	1.0	5
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64	New Insights on the Regulation of the Insulin-Degrading Enzyme: Role of microRNAs and RBPs. <i>Cells</i> , 2022, 11, 2538.	1.8	2

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65	Therapeutic Mechanism and Key Active Ingredients of Shenfu Injection in Sepsis: A Network Pharmacology and Molecular Docking Approach. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-14.	0.5	1
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79	Proteomic changes in human spermatozoa during in vitro capacitation and acrosome reaction in normozoospermia and asthenozoospermia. Andrology, 2023, 11, 73-85.	1.9	6
81	The crude extract from the flowers of <i>Trollius chinensis</i> Bunge exerts anti-influenza virus effects through modulation of the TLR3 signaling pathway. Journal of Ethnopharmacology, 2023, 300, 115743.	2.0	2
83	<i>Treponema denticola</i> Induces Interleukin-36 $\beta$ Expression in Human Oral Gingival Keratinocytes via the Parallel Activation of NF- $\kappa$ B and Mitogen-Activated Protein Kinase Pathways. Infection and Immunity, 2022, 90, .	1.0	3
86	Genomic Evolution of ST11 Carbapenem-Resistant <i>Klebsiella pneumoniae</i> from 2011 to 2020 Based on Data from the Pathosystems Resource Integration Center. Genes, 2022, 13, 1624.	1.0	0
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94	Genome-wide association mapping and gene expression analysis identify OsCPS1 as a new candidate gene controlling early seedling length in rice. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	2
95	CCIVR facilitates comprehensive identification of cis-natural antisense transcripts with their structural characteristics and expression profiles. <i>Scientific Reports</i> , 2022, 12, .	1.6	2
96	Kurarinone alleviates hemin-induced neuroinflammation and microglia-mediated neurotoxicity by shifting microglial M1/M2 polarization via regulating the IGF1/PI3K/Akt signaling. <i>Kaohsiung Journal of Medical Sciences</i> , 2022, 38, 1213-1223.	0.8	3
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101	Values of OAS gene family in the expression signature, immune cell infiltration and prognosis of human bladder cancer. <i>BMC Cancer</i> , 2022, 22, .	1.1	6
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110	ZNF281 Promotes Colon Fibroblast Activation in TGF $\beta$ 1-Induced Gut Fibrosis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 10261.	1.8	3
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114	Berberine Overcomes Gemcitabine-Associated Chemoresistance through Regulation of Rap1/PI3K-Akt Signaling in Pancreatic Ductal Adenocarcinoma. <i>Pharmaceuticals</i> , 2022, 15, 1199.	1.7	9
117	Dynamic immune and exosome transcriptomic responses in patients undergoing psychostimulant methamphetamine withdrawal. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	1.8	2

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120	The human myocardium harbors a population of naive B-cells with a distinctive gene expression signature conserved across species. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	4
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124	A single-cell atlas of the cycling murine ovary. <i>ELife</i> , 0, 11, .	2.8	23
126	A novel medication decision gene signature predicts response to individualized therapy and prognosis outcomes in hepatocellular carcinoma patients. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	1
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130	Meta-analysis of active tuberculosis gene expression ascertains host directed drug targets. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	1
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135	Spermatozoa and seminal plasma proteomics: Too many molecules, too few markers. The case of bovine and porcine semen. <i>Animal Reproduction Science</i> , 2022, 247, 107075.	0.5	3
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142	E2F4DN Transgenic Mice: A Tool for the Evaluation of E2F4 as a Therapeutic Target in Neuropathology and Brain Aging. <i>International Journal of Molecular Sciences</i> , 2022, 23, 12093.	1.8	1
143	Prolonged Exposure to High Temperature Inhibits Shoot Primary and Root Secondary Growth in Panax ginseng. <i>International Journal of Molecular Sciences</i> , 2022, 23, 11647.	1.8	2
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152	Early pathogenesis profiles across SARS-CoV-2 variants in K18-hACE2 mice revealed differential triggers of lung damages. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	1
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157	Sentinel Lymph Node Gene Expression Signature Predicts Recurrence-Free Survival in Cutaneous Melanoma. <i>Cancers</i> , 2022, 14, 4973.	1.7	1
158	Insights into the roles and driving forces of CCT3 in human tumors. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	0
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162	Transcription Factors as Important Regulators of Changes in Behavior through Domestication of Gray Rats: Quantitative Data from RNA Sequencing. <i>International Journal of Molecular Sciences</i> , 2022, 23, 12269.	1.8	6
163	Sequence Divergence and Retrotransposon Insertion Underlie Interspecific Epigenetic Differences in Primates. <i>Molecular Biology and Evolution</i> , 2022, 39, .	3.5	3

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165	Identification of candidate hub genes correlated with the pathogenesis, diagnosis, and prognosis of prostate cancer by integrated bioinformatics analysis. <i>Translational Cancer Research</i> , 2022, 11, 3548-3571.	0.4	2
166	Synaptic proteomics reveal distinct molecular signatures of cognitive change and C9ORF72 repeat expansion in the human ALS cortex. <i>Acta Neuropathologica Communications</i> , 2022, 10, .	2.4	16
167	Targeting MYC with modular synthetic transcriptional repressors derived from bHLH DNA-binding domains. <i>Nature Biotechnology</i> , 2023, 41, 541-551.	9.4	9
168	HOTAIR/miR-203/CAV1 Crosstalk Influences Proliferation, Migration, and Invasion in the Breast Cancer Cell. <i>International Journal of Molecular Sciences</i> , 2022, 23, 11755.	1.8	9
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174	The Deubiquitinating Enzyme USP48 Interacts with the Retinal Degeneration-Associated Proteins UNC119a and ARL3. <i>International Journal of Molecular Sciences</i> , 2022, 23, 12527.	1.8	3
175	Complementary biological and computational approaches identify distinct mechanisms of chlorpyrifos versus chlorpyrifos oxon induced dopaminergic neurotoxicity. <i>Toxicological Sciences</i> , 0, , .	1.4	0
178	Integrated analysis and exploration of potential shared gene signatures between carotid atherosclerosis and periodontitis. <i>BMC Medical Genomics</i> , 2022, 15, .	0.7	4
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180	RT-qPCR Expression Profiles of Selected Oncogenic and Oncosuppressor miRNAs in Formalin-Fixed, Paraffin-Embedded Canine Mammary Tumors. <i>Animals</i> , 2022, 12, 2898.	1.0	2
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182	Transcriptome Profiling of the Hippocampal Seizure Network Implicates a Role for Wnt Signaling during Epileptogenesis in a Mouse Model of Temporal Lobe Epilepsy. <i>International Journal of Molecular Sciences</i> , 2022, 23, 12030.	1.8	5
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186	Screening Key lncRNAs of Ankylosing Spondylitis Using Bioinformatics Analysis. <i>Journal of Inflammation Research</i> , 0, Volume 15, 6087-6096.	1.6	0
187	Microarray profiling of hypothalamic gene expression changes in Huntingtonâ€™s disease mouse models. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	3
188	In silico approaches uncovering the systematic function of N-phosphorylated proteins in human cells. <i>Computers in Biology and Medicine</i> , 2022, 151, 106280.	3.9	1
189	Mechanism investigation of Shi-Xiao-San in treating blood stasis syndrome based on network pharmacology, molecular docking and in vitro/vivo pharmacological validation. <i>Journal of Ethnopharmacology</i> , 2023, 301, 115746.	2.0	2
190	Analysis of Exosomal MicroRNA Dynamics in Response to Rhinovirus Challenge in a Longitudinal Case-Control Study of Asthma. <i>Viruses</i> , 2022, 14, 2444.	1.5	4
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195	Transcriptomic Studies of Antidepressant Action in Rodent Models of Depression: A First Meta-Analysis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 13543.	1.8	3
196	Oviduct Epithelial Cell-Derived Extracellular Vesicles Improve Porcine Trophoblast Outgrowth. <i>Veterinary Sciences</i> , 2022, 9, 609.	0.6	2
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204	Screening for Lipid-Metabolism-Related Genes and Identifying the Diagnostic Potential of ANGPTL6 for HBV-Related Early-Stage Hepatocellular Carcinoma. <i>Biomolecules</i> , 2022, 12, 1700.	1.8	0
206	Identifying Genes Related to Retinitis Pigmentosa in <i>Drosophila melanogaster</i> Using Eye Size and Gene Expression Data. <i>BioMedInformatics</i> , 2022, 2, 625-636.	1.0	1

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208	Dynamic analysis of gene signatures in the progression of COPD. <i>ERJ Open Research</i> , 2023, 9, 00343-2022.	1.1	1
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