

# PANTHER version 16: a revised family classification, tree regions and extensive API

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Citation Report

#	ARTICLE	IF	CITATIONS
1	OUP accepted manuscript. <i>Plant Physiology</i> , 2021, , .	2.3	9
7	Differential Gene Expression in the Heads of Behaviorally Divergent <i>Culex pipiens</i> Mosquitoes. <i>Insects</i> , 2021, 12, 271.	1.0	4
10	Nanopore Sequencing Reveals Global Transcriptome Signatures of Mitochondrial and Ribosomal Gene Expressions in Various Human Cancer Stem-like Cell Populations. <i>Cancers</i> , 2021, 13, 1136.	1.7	14
11	<i>Arabidopsis thaliana</i> Genes Associated with Cucumber mosaic virus Virulence and Their Link to Virus Seed Transmission. <i>Microorganisms</i> , 2021, 9, 692.	1.6	13
14	Recovery of Depleted miR-146a in ALS Cortical Astrocytes Reverts Cell Aberrancies and Prevents Paracrine Pathogenicity on Microglia and Motor Neurons. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 634355.	1.8	26
15	APOE2 mitigates disease-related phenotypes in an isogenic hiPSC-based model of Alzheimer's disease. <i>Molecular Psychiatry</i> , 2021, 26, 5715-5732.	4.1	13
18	Cartilage Protective and Immunomodulatory Features of Osteoarthritis Synovial Fluid-Treated Adipose-Derived Mesenchymal Stem Cells Secreted Factors and Extracellular Vesicles-Embedded miRNAs. <i>Cells</i> , 2021, 10, 1072.	1.8	21
20	Targeting Cancer Stem Cells with Differentiation Agents as an Alternative to Genotoxic Chemotherapy for the Treatment of Malignant Testicular Germ Cell Tumors. <i>Cancers</i> , 2021, 13, 2045.	1.7	5
21	Immune System and Methamphetamine: Molecular Basis of a Relationship. <i>Current Neuropharmacology</i> , 2021, 19, 2067-2076.	1.4	3
22	Genetics of Familial Non-Medullary Thyroid Carcinoma (FNMTc). <i>Cancers</i> , 2021, 13, 2178.	1.7	6
23	Differential Therapeutic Effect of Extracellular Vesicles Derived by Bone Marrow and Adipose Mesenchymal Stem Cells on Wound Healing of Diabetic Ulcers and Correlation to Their Cargoes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3851.	1.8	113
24	Proteomic response of <i>Escherichia coli</i> to a membrane lytic and iron chelating truncated <i>Amaranthus tricolor</i> defensin. <i>BMC Microbiology</i> , 2021, 21, 110.	1.3	9
26	Maternal Heat Stress Alters Expression of Genes Associated with Nutrient Transport Activity and Metabolism in Female Placentae from Mid-Gestating Pigs. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4147.	1.8	14
27	Characterization of Extracellular Vesicles Secreted in Lentiviral Producing HEK293SF Cell Cultures. <i>Viruses</i> , 2021, 13, 797.	1.5	9
29	Prenatal treatment with rapamycin restores enhanced hippocampal mGluR-LTD and mushroom spine size in a Down's syndrome mouse model. <i>Molecular Brain</i> , 2021, 14, 84.	1.3	10
30	eVITTA: a web-based visualization and inference toolbox for transcriptome analysis. <i>Nucleic Acids Research</i> , 2021, 49, W207-W215.	6.5	45
35	Tyrosylprotein sulfotransferase-dependent and -independent regulation of root development and signaling by PSK LRR receptor kinases in <i>Arabidopsis</i> . <i>Journal of Experimental Botany</i> , 2021, 72, 5508-5521.	2.4	11
42	Hypoxia acts as an environmental cue for the human tissue-resident memory T cell differentiation program. <i>JCI Insight</i> , 2021, 6, .	2.3	25

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45	SWATH-MS and MRM: Quantification of Ras-related proteins in HIV-1 infected and methamphetamine-exposed human monocyte-derived macrophages (hMDM). <i>Proteomics</i> , 2021, 21, e2100005.	1.3	4
46	Zfp1, a putative Zn(II) <sup>2</sup> Cys <sup>6</sup> transcription factor, influences <i>Ustilago maydis</i> pathogenesis at multiple stages. <i>Plant Pathology</i> , 2021, 70, 1626-1639.	1.2	4
47	In Silico Identification of miRNA-lncRNA Interactions in Male Reproductive Disorder Associated with COVID-19 Infection. <i>Cells</i> , 2021, 10, 1480.	1.8	14
48	KOBAS-i: intelligent prioritization and exploratory visualization of biological functions for gene enrichment analysis. <i>Nucleic Acids Research</i> , 2021, 49, W317-W325.	6.5	727
50	miRNA Clusters with Up-Regulated Expression in Colorectal Cancer. <i>Cancers</i> , 2021, 13, 2979.	1.7	22
51	Gene expression variation in <i>Arabidopsis</i> embryos at single-nucleus resolution. <i>Development (Cambridge)</i> , 2021, 148, .	1.2	22
52	BET family members Bdf1/2 modulate global transcription initiation and elongation in <i>Saccharomyces cerevisiae</i> . <i>ELife</i> , 2021, 10, .	2.8	17
53	Mass Spectrometric Profiling of Extraocular Muscle and Proteomic Adaptations in the mdx-4cv Model of Duchenne Muscular Dystrophy. <i>Life</i> , 2021, 11, 595.	1.1	14
54	Differential Response to Single and Combined Salt and Heat Stresses: Impact on Accumulation of Proteins and Metabolites in Dead Pericarps of <i>Brassica juncea</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 7076.	1.8	4
55	VDAC1 Silencing in Cancer Cells Leads to Metabolic Reprogramming That Modulates Tumor Microenvironment. <i>Cancers</i> , 2021, 13, 2850.	1.7	9
56	Comprehensive characterization of mRNAs associated with yeast cytosolic aminoacyl-tRNA synthetases. <i>RNA Biology</i> , 2021, 18, 1-12.	1.5	9
59	Predicting the probability of death using proteomics. <i>Communications Biology</i> , 2021, 4, 758.	2.0	10
61	The Evolutionary History of Wild, Domesticated, and Feral <i>Brassica oleracea</i> (Brassicaceae). <i>Molecular Biology and Evolution</i> , 2021, 38, 4419-4434.	3.5	49
62	Quantitative proteomics of hamster lung tissues infected with SARS-CoV-2 reveal host factors having implication in the disease pathogenesis and severity. <i>FASEB Journal</i> , 2021, 35, e21713.	0.2	22
66	Transcriptional-regulatory convergence across functional MDD risk variants identified by massively parallel reporter assays. <i>Translational Psychiatry</i> , 2021, 11, 403.	2.4	11
67	MicroRNA Regulation of Bone Marrow Mesenchymal Stem Cell Chondrogenesis: Toward Articular Cartilage. <i>Tissue Engineering - Part A</i> , 2022, 28, 254-269.	1.6	7
68	High-resolution spatiotemporal transcriptome analyses during cellularization of rice endosperm unveil the earliest gene regulation critical for aleurone and starchy endosperm cell fate specification. <i>Journal of Plant Research</i> , 2021, 134, 1061-1081.	1.2	2
70	Dihyrotanshinone exerts antitumor effects and improves the effects of cisplatin in anaplastic thyroid cancer cells. <i>Oncology Reports</i> , 2021, 46, .	1.2	7

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71	Transcriptome Analysis Reveals Key Genes Involved in Weevil Resistance in the Hexaploid Sweetpotato. <i>Plants</i> , 2021, 10, 1535.	1.6	5
72	Single-cell analysis of the ventricular-subventricular zone reveals signatures of dorsal and ventral adult neurogenesis. <i>ELife</i> , 2021, 10, .	2.8	62
75	Statistical analysis of GC-biased gene conversion and recombination hotspots in eukaryotic genomes. , 2021, , .		0
76	Data Mining Identifies Differentially Expressed Circular RNAs in Skeletal Muscle of Thermally Challenged Turkey Poults. <i>Frontiers in Physiology</i> , 2021, 12, 732208.	1.3	2
77	Exploring Proteomes of Robust <i>Yarrowia lipolytica</i> Isolates Cultivated in Biomass Hydrolysate Reveals Key Processes Impacting Mixed Sugar Utilization, Lipid Accumulation, and Degradation. <i>MSystems</i> , 2021, 6, e0044321.	1.7	12
78	The Identification of Zinc-Finger Protein 433 as a Possible Prognostic Biomarker for Clear-Cell Renal Cell Carcinoma. <i>Biomolecules</i> , 2021, 11, 1193.	1.8	7
80	Biomolecule and Bioentity Interaction Databases in Systems Biology: A Comprehensive Review. <i>Biomolecules</i> , 2021, 11, 1245.	1.8	17
81	A Mediation Approach to Discovering Causal Relationships between the Metabolome and DNA Methylation in Type 1 Diabetes. <i>Metabolites</i> , 2021, 11, 542.	1.3	1
82	TCF19 Impacts a Network of Inflammatory and DNA Damage Response Genes in the Pancreatic $\beta$ -Cell. <i>Metabolites</i> , 2021, 11, 513.	1.3	6
83	EV11 overexpression promotes ovarian cancer progression by regulating estrogen signaling. <i>Molecular and Cellular Endocrinology</i> , 2021, 534, 111367.	1.6	3
84	Entamoeba histolytica Adaption to Auranofin: A Phenotypic and Multi-Omics Characterization. <i>Antioxidants</i> , 2021, 10, 1240.	2.2	6
89	Decreased production of epithelial-derived antimicrobial molecules at mucosal barriers during early life. <i>Mucosal Immunology</i> , 2021, 14, 1358-1368.	2.7	9
90	Green fluorescent carbon dots as targeting probes for LED-dependent bacterial killing. <i>Nano Select</i> , 2022, 3, 662-672.	1.9	5
93	A modified density gradient proteomic-based method to analyze endolysosomal proteins in cardiac tissue. <i>IScience</i> , 2021, 24, 102949.	1.9	1
94	Position Specific Alternative Splicing and Gene Expression Profiles Along the Tonotopic Axis of Chick Cochlea. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 726976.	1.6	3
95	Effect of Lithium Drug on Binding Affinities of Glycogen Synthase Kinase-3 $\beta$ to Its Network Partners: A New Computational Approach. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 5280-5292.	2.5	1
96	Modelling human liver fibrosis in the context of non-alcoholic steatohepatitis using a microphysiological system. <i>Communications Biology</i> , 2021, 4, 1080.	2.0	13
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100	Horizontal transfer and subsequent explosive expansion of a DNA transposon in sea kraits ( <i>Crotalaria retusa</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 742 T	1.0	13
101	Genetic Analysis of Heterosis for Yield Influencing Traits in Brassica juncea Using a Doubled Haploid Population and Its Backcross Progenies. <i>Frontiers in Plant Science</i> , 2021, 12, 721631.	1.7	14
102	Dual transcriptomic analysis reveals metabolic changes associated with differential persistence of human pathogenic bacteria in leaves of Arabidopsis and lettuce. <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	0.8	5
103	Novel Antifungal Activity of Q-Griffithsin, a Broad-Spectrum Antiviral Lectin. <i>Microbiology Spectrum</i> , 2021, 9, e0095721.	1.2	9
104	Profiling of 3D Genome Organization in Nasopharyngeal Cancer Needle Biopsy Patient Samples by a Modified Hi-C Approach. <i>Frontiers in Genetics</i> , 2021, 12, 673530.	1.1	4
105	Neuropeptide repertoire and 3D anatomy of the ctenophore nervous system. <i>Current Biology</i> , 2021, 31, 5274-5285.e6.	1.8	51
106	Transcriptome repository of North-Western Himalayan endangered medicinal herbs: a paramount approach illuminating molecular perspective of phytoactive molecules and secondary metabolism. <i>Molecular Genetics and Genomics</i> , 2021, 296, 1177-1202.	1.0	6
107	Comparative Transcriptome Analysis of the Expression of Antioxidant and Immunity Genes in the Spleen of a Cyanidin 3-O-Glucoside-Treated Alzheimer's Mouse Model. <i>Antioxidants</i> , 2021, 10, 1435.	2.2	14
108	A membrane protein display platform for receptor interactome discovery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	17
110	PLX3397, a CSF1 receptor inhibitor, limits allotransplantation-induced vascular remodelling. <i>Cardiovascular Research</i> , 2022, 118, 2718-2731.	1.8	6
111	FTO Suppresses STAT3 Activation and Modulates Proinflammatory Interferon-Stimulated Gene Expression. <i>Journal of Molecular Biology</i> , 2022, 434, 167247.	2.0	11
112	Domain Organization of the UBX Domain Containing Protein 9 and Analysis of Its Interactions With the Homo-hexameric AAA + ATPase p97 (Valosin-Containing Protein). <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 748860.	1.8	4
114	Ladostigil Attenuates Induced Oxidative Stress in Human Neuroblast-like SH-SY5Y Cells. <i>Biomedicines</i> , 2021, 9, 1251.	1.4	4
115	A systematic review of the proteomic profile of in vivo acquired enamel pellicle on permanent teeth. <i>Journal of Dentistry</i> , 2021, 113, 103799.	1.7	3
116	Computational approaches to predict protein functional families and functional sites. <i>Current Opinion in Structural Biology</i> , 2021, 70, 108-122.	2.6	15
117	A protein interaction landscape of breast cancer. <i>Science</i> , 2021, 374, eabf3066.	6.0	66
118	Genome-wide DNA methylation profile in feline haematological tumours: A preliminary study. <i>Research in Veterinary Science</i> , 2021, 140, 221-228.	0.9	1
119	Long-term exposure of Daphnia magna to polystyrene microplastic (PS-MP) leads to alterations of the proteome, morphology and life-history. <i>Science of the Total Environment</i> , 2021, 795, 148822.	3.9	53

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120	Alendronate-induced Perturbation of the Bone Proteome and Microenvironmental Pathophysiology. <i>International Journal of Medical Sciences</i> , 2021, 18, 3261-3270.	1.1	2
121	Analysis of pancreatic extracellular matrix protein post-translational modifications via electrostatic repulsion-hydrophilic interaction chromatography coupled with mass spectrometry. <i>Molecular Omics</i> , 2021, 17, 652-664.	1.4	7
122	The 2021 <i>Nucleic Acids Research</i> database issue and the online molecular biology database collection. <i>Nucleic Acids Research</i> , 2021, 49, D1-D9.	6.5	100
123	WRKY transcription factors and ethylene signaling modify root growth during the shade-avoidance response. <i>Plant Physiology</i> , 2022, 188, 1294-1311.	2.3	25
124	Hymenoptera Genome Database: new genomes and annotation datasets for improved go enrichment and orthologue analyses. <i>Nucleic Acids Research</i> , 2022, 50, D1032-D1039.	6.5	19
125	G-quadruplex RNA motifs influence gene expression in the malaria parasite <i>Plasmodium falciparum</i> . <i>Nucleic Acids Research</i> , 2021, 49, 12486-12501.	6.5	11
126	Genome-wide whole-blood transcriptome profiling across inherited bone marrow failure subtypes. <i>Blood Advances</i> , 2021, 5, 5360-5371.	2.5	1
127	Fractionated Seminal Plasma of Boar Ejaculates Analyzed by LC-MS/MS: Its Effects on Post-Thaw Semen Quality. <i>Genes</i> , 2021, 12, 1574.	1.0	2
128	Plasma Exosome-Enriched Extracellular Vesicles From Lactating Mothers With Type 1 Diabetes Contain Aberrant Levels of miRNAs During the Postpartum Period. <i>Frontiers in Immunology</i> , 2021, 12, 744509.	2.2	13
129	The Levels of Circulating MicroRNAs at 6-Hour Cardiac Arrest Can Predict 6-Month Poor Neurological Outcome. <i>Diagnostics</i> , 2021, 11, 1905.	1.3	3
130	Genome analysis of alginate synthesizing <i>Pseudomonas aeruginosa</i> strain SW1 isolated from degraded seaweeds. <i>Antonie Van Leeuwenhoek</i> , 2021, 114, 2205-2217.	0.7	3
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134	Single-Tear Proteomics: A Feasible Approach to Precision Medicine. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10750.	1.8	25
135	Vagal neuron expression of the microbiota-derived metabolite receptor, free fatty acid receptor (FFAR3), is necessary for normal feeding behavior. <i>Molecular Metabolism</i> , 2021, 54, 101350.	3.0	34
137	Nanosecond Pulsed Electric Field Only Transiently Affects the Cellular and Molecular Processes of Leydig Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11236.	1.8	3
138	Changing and stable chromatin accessibility supports transcriptional overhaul during neural stem cell activation and is altered with age. <i>Aging Cell</i> , 2021, 20, e13499.	3.0	13
142	<sc>PANTHER</sc>: Making genome-scale phylogenetics accessible to all. <i>Protein Science</i> , 2022, 31, 8-22.	3.1	467
143	Valproic acid promotes the in vitro differentiation of human pluripotent stem cells into spermatogonial stem cell-like cells. <i>Stem Cell Research and Therapy</i> , 2021, 12, 553.	2.4	9

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144	Identification of Signaling Pathways for Early Embryonic Lethality and Developmental Retardation in Sephs1â~/â~ Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11647.	1.8	9
145	Induction of antiviral and cell mediated immune responses significantly reduce viral load in an acute foot-and-mouth disease virus infection in cattle. <i>Genomics</i> , 2021, 113, 4254-4266.	1.3	2
148	Concurrent Evolution of Antiaging Gene Duplications and Cellular Phenotypes in Long-Lived Turtles. <i>Genome Biology and Evolution</i> , 2021, 13, .	1.1	6
149	Variation of biomolecules in plant species. , 2022, , 81-99.		2
150	Evolutionary systems biology reveals patterns of rice adaptation to drought-prone agro-ecosystems. <i>Plant Cell</i> , 2022, 34, 759-783.	3.1	19
151	Distinct Profiles of Cellular Senescence-Associated Gene Expression in the Aged, Diseased or Injured Central Nervous System. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
153	PCSK9 regulates the NODAL signaling pathway and cellular proliferation in hiPSCs. <i>Stem Cell Reports</i> , 2021, 16, 2958-2972.	2.3	7
154	Sex differences in embryonic gonad transcriptomes and benzo[a]pyrene metabolite levels after transplacental exposure. <i>Endocrinology</i> , 2022, 163, .	1.4	9
156	Impaired glucocorticoid receptor expression in liver disrupts feeding-induced gene expression, glucose uptake, and glycogen storage. <i>Cell Reports</i> , 2021, 37, 109938.	2.9	12
157	CellHeap: A Workflow for Optimizing COVID-19 Single-Cell RNA-Seq Data Processing in the Santos Dumont Supercomputer. <i>Lecture Notes in Computer Science</i> , 2021, , 41-52.	1.0	0
159	Development of Methodology to Investigate the Surface SMALPome of Mammalian Cells. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 780033.	1.6	3
161	A supergene underlies linked variation in color and morphology in a Holarctic songbird. <i>Nature Communications</i> , 2021, 12, 6833.	5.8	23
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164	Understanding the Role of the Antioxidant Drug Erdosteine and Its Active Metabolite on <i>Staphylococcus aureus</i> Methicillin Resistant Biofilm Formation. <i>Antioxidants</i> , 2021, 10, 1922.	2.2	1
167	Proteome of the Luminal Surface of the Bloodâ€“Brain Barrier. <i>Proteomes</i> , 2021, 9, 45.	1.7	5
169	PQN-59 antagonizes microRNA-mediated repression during post-embryonic temporal patterning and modulates translation and stress granule formation in <i>C. elegans</i> . <i>PLoS Genetics</i> , 2021, 17, e1009599.	1.5	5
170	Continuous Mapping Identifies Loci Associated With Weevil Resistance [ <i>Cosmopolites sordidus</i> (Germar)] in a Triploid Banana Population. <i>Frontiers in Plant Science</i> , 2021, 12, 753241.	1.7	3
172	Vam6/Vps39/ <sc>TRAP1</sc> â€domain proteins influence vacuolar morphology, iron acquisition and virulence in <i>Cryptococcus neoformans</i>. <i>Cellular Microbiology</i> , 2021, 23, e13400.	1.1	3

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176	Å <sup>2</sup> 42 Expressing <i>Drosophila melanogaster</i> Model for Alzheimer's Disease: Quantitative Proteomics Identifies Altered Protein Dynamics of Relevance to Neurodegeneration. <i>OMICS A Journal of Integrative Biology</i> , 2022, , .	1.0	2
179	A human stem cell resource to decipher the biochemical and cellular basis of neurodevelopmental defects in Lowe syndrome. <i>Biology Open</i> , 2022, 11, .	0.6	5
180	RNA sequencing identifies genes reliant upon Ser26 in early growth response-1 in vascular endothelial cells exposed to fibroblast growth factor-2. <i>Vascular Pharmacology</i> , 2022, , 106952.	1.0	2
181	Meta-analysis of whole-genome gene expression datasets assessing the effects of IDH1 and IDH2 mutations in isogenic disease models. <i>Scientific Reports</i> , 2022, 12, 57.	1.6	3
182	Population transcriptomics reveals the effect of gene flow on the evolution of range limits. <i>Scientific Reports</i> , 2022, 12, 1318.	1.6	2
183	Improving hemocompatibility of decellularized liver scaffold using Custodiol solution. <i>Materials Science and Engineering C</i> , 2022, , 112642.	3.8	4
184	MOET: a web-based gene set enrichment tool at the Rat Genome Database for multiontology and multispecies analyses. <i>Genetics</i> , 2022, 220, .	1.2	7
185	Exploration of the DARTable Genome- a Resource Enabling Data-Driven NAMs for Developmental and Reproductive Toxicity Prediction. <i>Frontiers in Toxicology</i> , 2021, 3, 806311.	1.6	3
186	Identification of Copy Number Variations and Genetic Diversity in Italian Insular Sheep Breeds. <i>Animals</i> , 2022, 12, 217.	1.0	12
187	Genome-Wide CRISPR Screen Identifies <i>Puf60</i> as a Novel Stemness Gene of Mouse Embryonic Stem Cells. <i>Stem Cells and Development</i> , 2022, 31, 132-142.	1.1	4
188	Systematic Screening of Penetratin™s Protein Targets by Yeast Proteome Microarrays. <i>International Journal of Molecular Sciences</i> , 2022, 23, 712.	1.8	4
189	Vimentin binds to G-quadruplex repeats found at telomeres and gene promoters. <i>Nucleic Acids Research</i> , 2022, 50, 1370-1381.	6.5	13
190	A first look at the N- and O-glycosylation landscape in anuran skin secretions. <i>Biochimie</i> , 2022, 197, 19-37.	1.3	1
191	Local selection signals in the genome of blue tits emphasize regulatory and neuronal evolution. <i>Molecular Ecology</i> , 2022, , .	2.0	1
192	Transcriptomic Profile of Canine DH82 Macrophages Infected by <i>Leishmania infantum</i> Promastigotes with Different Virulence Behavior. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1466.	1.8	4
195	Exosomal Proteins and Lipids as Potential Biomarkers for Lung Cancer Diagnosis, Prognosis, and Treatment. <i>Cancers</i> , 2022, 14, 732.	1.7	35
196	Genome-wide RNAi screen identifies novel players in human 60S subunit biogenesis including key enzymes of polyamine metabolism. <i>Nucleic Acids Research</i> , 2022, 50, 2872-2888.	6.5	11
200	<i>Toxocara canis</i> - and <i>Toxocara cati</i> -Induced Neurotoxocarosis Is Associated with Comprehensive Brain Transcriptomic Alterations. <i>Microorganisms</i> , 2022, 10, 177.	1.6	6

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201	Risk-Based Prioritization of Organic Chemicals and Locations of Ecological Concern in Sediment From Great Lakes Tributaries. <i>Environmental Toxicology and Chemistry</i> , 2022, 41, 1016-1041.	2.2	9
202	Comparative Analysis of Type 1 and Type Z Protein Phosphatases Reveals D615 as a Key Residue for Ppz1 Regulation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1327.	1.8	3
203	Development of human alveolar epithelial cell models to study distal lung biology and disease. <i>IScience</i> , 2022, 25, 103780.	1.9	15
204	A practical guide to interpreting and generating bottom-up proteomics data visualizations. <i>Proteomics</i> , 2022, 22, e2100103.	1.3	16
205	Introductory Chapter: From BioBricks to Synthetic Genomes. , 0, , .		0
206	Distinct profiles of cellular senescence-associated gene expression in the aged, diseased or injured central nervous system. <i>Neuroscience Letters</i> , 2022, 772, 136480.	1.0	0
207	The menaquinone pathway is important for susceptibility of <i>Staphylococcus aureus</i> to the antibiotic adjuvant, cannabidiol. <i>Microbiological Research</i> , 2022, 257, 126974.	2.5	13
208	A chromosome-level genome assembly and annotation of the desert horned lizard, <i>Phrynosoma platyrhinos</i> , provides insight into chromosomal rearrangements among reptiles. <i>GigaScience</i> , 2022, 11, .	3.3	12
209	The roles of recombination and selection in shaping genomic divergence in an incipient ecological species complex. <i>Molecular Ecology</i> , 2023, 32, 1478-1496.	2.0	10
210	Improving the proteome coverage of <i>Daphnia magna</i> – implications for future ecotoxicoproteomics studies. <i>Proteomics</i> , 2022, 22, e2100289.	1.3	4
213	Development and validation of a prognostic and predictive 32-gene signature for gastric cancer. <i>Nature Communications</i> , 2022, 13, 774.	5.8	52
215	A bibliometric review of peripartum cardiomyopathy compared to other cardiomyopathies using artificial intelligence and machine learning. <i>Biophysical Reviews</i> , 2022, 14, 381-401.	1.5	1
218	Kaempferol and Apigenin suppresses the stemness properties of TNBC cells by modulating Sirtuins. <i>Molecular Diversity</i> , 2022, 26, 3225-3240.	2.1	11
219	Circadian control of heparan sulfate levels times phagocytosis of amyloid beta aggregates. <i>PLoS Genetics</i> , 2022, 18, e1009994.	1.5	22
221	High-throughput Proteomic Profiling of Male Breast Cancer Tissue. <i>Cancer Genomics and Proteomics</i> , 2022, 19, 229-240.	1.0	2
222	Plasmodesmata Structural Components and Their Role in Signaling and Plant Development. <i>Methods in Molecular Biology</i> , 2022, 2457, 3-22.	0.4	4
224	Distinct Minor Splicing Patterns across Cancers. <i>Genes</i> , 2022, 13, 387.	1.0	3
225	Insights into the species evolution of <i>Calanus</i> copepods in the northern seas revealed by <i>de novo</i> transcriptome sequencing. <i>Ecology and Evolution</i> , 2022, 12, e8606.	0.8	5

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226	Genome of the Rio Pearlfish ( <i>Nematolebias whitei</i> ), a bi-annual killifish model for Eco-Evo-Devo in extreme environments. <i>G3: Genes, Genomes, Genetics</i> , 2022, 12, .	0.8	6
228	What Worth the Garlic Peel. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2126.	1.8	5
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