

KOBAS 2.0: a web server for annotation and identification of diseases

Nucleic Acids Research

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Citation Report

#	ARTICLE	IF	CITATIONS
1	AutismKB: an evidence-based knowledgebase of autism genetics. <i>Nucleic Acids Research</i> , 2012, 40, D1016-D1022.	6.5	157
2	A Deep Exploration of the Transcriptome and Excretory/Secretory Proteome of Adult <i>Fascioloides magna</i> . <i>Molecular and Cellular Proteomics</i> , 2012, 11, 1340-1353.	2.5	35
3	Transcriptome analysis reveals the time of the fourth round of genome duplication in common carp (<i>Cyprinus carpio</i>). <i>BMC Genomics</i> , 2012, 13, 96.	1.2	101
4	TranSeqAnnotator: large-scale analysis of transcriptomic data. <i>BMC Bioinformatics</i> , 2012, 13, S24.	1.2	6
5	Detecting recurrent gene mutation in interaction network context using multi-scale graph diffusion. <i>BMC Bioinformatics</i> , 2013, 14, 29.	1.2	31
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8	Superparamagnetic iron oxide nanoparticles alter expression of obesity and T2D-associated risk genes in human adipocytes. <i>Scientific Reports</i> , 2013, 3, 2173.	1.6	36
9	The predicted secretome and transmembranome of the poultry red mite <i>Dermanyssus gallinae</i> . <i>Parasites and Vectors</i> , 2013, 6, 259.	1.0	32
10	Protein profiling of striatum and substantia nigra from hemiparkinsonian rat model by offgel-HPLC-MS/MS. , 2013, , .		0
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14	EDdb: A web resource for eating disorder and its application to identify an extended adipocytokine signaling pathway related to eating disorder. <i>Science China Life Sciences</i> , 2013, 56, 1086-1096.	2.3	36
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16	Phylogeny, Functional Annotation, and Protein Interaction Network Analyses of the <i>Xenopus tropicalis</i> Basic Helix-Loop-Helix Transcription Factors. <i>BioMed Research International</i> , 2013, 2013, 1-15.	0.9	3
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20	Integrative Analysis of Porcine microRNAome during Skeletal Muscle Development. PLoS ONE, 2013, 8, e72418.	1.1	36
21	Transcriptome Analysis Reveals Common and Distinct Mechanisms for Sheepgrass (Leymus chinensis) Responses to Defoliation Compared to Mechanical Wounding. PLoS ONE, 2014, 9, e89495.	1.1	29
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38	Bovine serum albumin in saliva mediates grazing response in <i>Leymus chinensis</i> revealed by RNA sequencing. <i>BMC Genomics</i> , 2014, 15, 1126.	1.2	12
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1120	Hyperosmotic Adaptation of <i>Pseudomonas protegens</i> SN15-2 Helps Cells to Survive at Lethal Temperatures. <i>Biotechnology and Bioprocess Engineering</i> , 2020, 25, 403-413.	1.4	6
1121	Transcriptome response of <i>Acetobacter pasteurianus</i> Ab3 to high acetic acid stress during vinegar production. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 10585-10599.	1.7	15
1122	Identification of candidate genes conferring tolerance to aluminum stress in <i>Pinus massoniana</i> inoculated with ectomycorrhizal fungus. <i>BMC Plant Biology</i> , 2020, 20, 521.	1.6	20

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1142	RNA-Seq Analysis Reveals Hub Genes Involved in Chicken Intramuscular Fat and Abdominal Fat Deposition During Development. <i>Frontiers in Genetics</i> , 2020, 11, 1009.	1.1	25
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1397	Combining lexical and context features for automatic ontology extension. <i>Journal of Biomedical Semantics</i> , 2020, 11, 1.	0.9	14
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1523	Genome-wide scan for selective footprints and genes related to cold tolerance in Chantecler chickens. <i>Zoological Research</i> , 2021, 42, 710-720.	0.9	15
1524	DDX41 regulates the expression and alternative splicing of genes involved in tumorigenesis and immune response. <i>Oncology Reports</i> , 2021, 45, 1213-1225.	1.2	16
1525	A meta-analysis of genome-wide association studies for average daily gain and lean meat percentage in two Duroc pig populations. <i>BMC Genomics</i> , 2021, 22, 12.	1.2	27
1526	Identification of proteins and metabolic networks associated with sucrose accumulation in sugarcane (<i>Saccharum</i> spp. interspecific hybrids). <i>Journal of Plant Interactions</i> , 2021, 16, 166-178.	1.0	9
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1528	Global tissue transcriptomic analysis to improve genome annotation and unravel skin pigmentation in goldfish. <i>Scientific Reports</i> , 2021, 11, 1815.	1.6	15
1529	ARRB1 Drives Gallbladder Cancer Progression by Facilitating TAK1/MAPK Signaling Activation. <i>Journal of Cancer</i> , 2021, 12, 1926-1935.	1.2	6
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1531	Integrated analysis on mRNA microarray and microRNA microarray to screen immune-related biomarkers and pathways in myelodysplastic syndrome. <i>Hematology</i> , 2021, 26, 417-431.	0.7	4
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1536	Exploring the Molecular Mechanism of Blue Flower Color Formation in <i>Hydrangea macrophylla</i> cv. 'Forever Summer'. <i>Frontiers in Plant Science</i> , 2021, 12, 585665.	1.7	23
1537	Characterizing <i>Escherichia coli</i> 's transcriptional response to different styrene exposure modes reveals novel toxicity and tolerance insights. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2021, 48, .	1.4	6
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1540	Involvement of Circulating Exosomal MicroRNAs in Jian-Pi-Yi-Shen Formula Protection Against Adenine-Induced Chronic Kidney Disease. <i>Frontiers in Pharmacology</i> , 2020, 11, 622658.	1.6	5

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1542	Synergistic Network Pharmacology for Traditional Chinese Medicine Liangxue Tongyu Formula in Acute Intracerebral Hemorrhagic Stroke. <i>Neural Plasticity</i> , 2021, 2021, 1-21.	1.0	5
1543	Quantitative Proteomics Analysis of Sugarcane Ratoon Crop Chlorosis. <i>Sugar Tech</i> , 2021, 23, 673-681.	0.9	6
1544	Sinomenine Inhibits the Growth of Ovarian Cancer Cells Through the Suppression of Mitosis by Down-Regulating the Expression and the Activity of CDK1. <i>OncoTargets and Therapy</i> , 2021, Volume 14, 823-834.	1.0	6
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1549	Response of bitter and sweet <i>Chenopodium quinoa</i> varieties to cucumber mosaic virus: Transcriptome and small RNASeq perspective. <i>PLoS ONE</i> , 2021, 16, e0244364.	1.1	2
1550	Genome-Wide Identification and Characterization of Potato Long Non-coding RNAs Associated With <i>Phytophthora infestans</i> Resistance. <i>Frontiers in Plant Science</i> , 2021, 12, 619062.	1.7	9
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1552	An RNA-seq Analysis Reveals Differential Transcriptional Responses to Different Light Qualities in Leaf Color of <i>Camellia sinensis</i> cv. Huangjinya. <i>Journal of Plant Growth Regulation</i> , 2021, 51, 1-11.	2.8	9
1553	Transcriptomic analyses show that 24-epibrassinolide (EBR) promotes cold tolerance in cotton seedlings. <i>PLoS ONE</i> , 2021, 16, e0245070.	1.1	13
1554	Multi-omics analysis reveals structure and function of biofilm microbial communities in a pre-denitrification biofilter. <i>Science of the Total Environment</i> , 2021, 757, 143908.	3.9	47
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1578	Transcription factor WRKY22 regulates canker susceptibility in sweet orange (<i>Citrus sinensis</i> Osbeck) by enhancing cell enlargement and CsLOB1 expression. <i>Horticulture Research</i> , 2021, 8, 50.	2.9	35

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1587	Investigating mechanisms underlying genetic resistance to Salmon Rickettsial Syndrome in Atlantic salmon using RNA sequencing. <i>BMC Genomics</i> , 2021, 22, 156.	1.2	15
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1598	Identification of Pivotal MicroRNAs and Target Genes Associated with Persistent Atrial Fibrillation Based on Bioinformatics Analysis. <i>Computational and Mathematical Methods in Medicine</i> , 2021, 2021, 1-13.	0.7	5
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1600	Full-Length Transcriptome Analyses of Genes Involved in Triterpenoid Saponin Biosynthesis of <i>Psammosilene tunicoides</i> Hairy Root Cultures With Exogenous Salicylic Acid. <i>Frontiers in Genetics</i> , 2021, 12, 657060.	1.1	13
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1618	Transcriptional profiling of intervertebral disc in a post-traumatic early degeneration organ culture model. <i>JOR Spine</i> , 2021, 4, e1146.	1.5	4
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1627	Melatonin Modulates Lipid Metabolism in Porcine Cumulus Oocyte Complex via Its Receptors. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 648209.	1.8	5
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1670	Adaptive Differences in Gene Expression in Farm-Impacted Seedbeds of the Native Blue Mussel <i>Mytilus chilensis</i> . <i>Frontiers in Genetics</i> , 2021, 12, 666539.	1.1	7
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1672	Perfluorooctane sulfonate promotes doxycycline-induced liver tumor progression in male <i>Kras</i> transgenic zebrafish. <i>Environmental Research</i> , 2021, 196, 110962.	3.7	15
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1681	The transcriptomic response to heat stress of a jujube (<i>Ziziphus jujuba</i> Mill.) cultivar is featured with changed expression of long noncoding RNAs. <i>PLoS ONE</i> , 2021, 16, e0249663.	1.1	6
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1693	Transcriptomic responses predict the toxic effect of parental co-exposure to dibutyl phthalate and diisobutyl phthalate on the early development of zebrafish offspring. <i>Aquatic Toxicology</i> , 2021, 235, 105838.	1.9	18

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1697	Transcriptional dynamics of transposable elements when converting fibroblast cells of <i>Macaca mulatta</i> to neuroepithelial stem cells. <i>BMC Genomics</i> , 2021, 22, 405.	1.2	1
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1700	Melatonin influences the early growth stage in <i>Zoysia japonica</i> Steud. by regulating plant oxidation and genes of hormones. <i>Scientific Reports</i> , 2021, 11, 12381.	1.6	8
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1707	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
1708	Gapless indica rice genome reveals synergistic contributions of active transposable elements and segmental duplications to rice genome evolution. <i>Molecular Plant</i> , 2021, 14, 1745-1756.	3.9	50
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1718	Transcriptome Analysis of Tolerant and Susceptible Maize Genotypes Reveals Novel Insights about the Molecular Mechanisms Underlying Drought Responses in Leaves. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6980.	1.8	36
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1737	Prickle morphogenesis in rose is coupled with secondary metabolite accumulation and governed by canonical MBW transcriptional complex. <i>Plant Direct</i> , 2021, 5, e00325.	0.8	13
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1745	Investigation of long non-coding RNAs as regulatory players of grapevine response to powdery and downy mildew infection. <i>BMC Plant Biology</i> , 2021, 21, 265.	1.6	21
1746	Therapeutic Targets and Mechanism of Xingpi Jieyu Decoction in Depression: A Network Pharmacology Study. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-15.	0.5	3
1747	Transcriptome analysis insight into ethylene metabolism and pectinase activity of apricot (<i>Prunus</i>) TJ ETQq1 1 0.784314 rgBT ₄ /Overlook	1.6	4
1748	Comparative Physiological and Transcriptomic Profiling Offers Insight into the Sexual Dimorphism of Hepatic Metabolism in Size-Dimorphic Spotted Scat (<i>Scatophagus argus</i>). <i>Life</i> , 2021, 11, 589.	1.1	7
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1757	Transcriptome Analysis and RNA Interference Reveal GhGDH2 Regulating Cotton Resistance to <i>Verticillium</i> Wilt by JA and SA Signaling Pathways. <i>Frontiers in Plant Science</i> , 2021, 12, 654676.	1.7	15
1758	Comparative transcriptome analysis reveals genes and pathways associated with anthocyanins in strawberry. <i>Journal of Berry Research</i> , 2021, 11, 317-332.	0.7	7
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1763	Pooled Sequencing Analysis of Geese (<i>Anser cygnoides</i>) Reveals Genomic Variations Associated With Feather Color. <i>Frontiers in Genetics</i> , 2021, 12, 650013.	1.1	6
1764	Adipose-derived stem cells therapy effectively attenuates PM2.5-induced lung injury. <i>Stem Cell Research and Therapy</i> , 2021, 12, 355.	2.4	9
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1771	Transcriptome and metabolome analyses of cold and darkness-induced pellicle cysts of <i>Scrippsiella trochoidea</i> . <i>BMC Genomics</i> , 2021, 22, 526.	1.2	9
1772	Morpho-Physiological and Transcriptome Changes in Tomato Anthers of Different Developmental Stages under Drought Stress. <i>Cells</i> , 2021, 10, 1809.	1.8	16
1773	A chromosome-level genome assembly of <i>Cairina moschata</i> and comparative genomic analyses. <i>BMC Genomics</i> , 2021, 22, 581.	1.2	4
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1785	The mechanism research on the anti-liver fibrosis of emodin based on network pharmacology. <i>IUBMB Life</i> , 2021, 73, 1166-1179.	1.5	14
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1791	KRT18 Modulates Alternative Splicing of Genes Involved in Proliferation and Apoptosis Processes in Both Gastric Cancer Cells and Clinical Samples. <i>Frontiers in Genetics</i> , 2021, 12, 635429.	1.1	12
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1803	Transcriptome and proteome of the corm, leaf and flower of <i>Hypoxis hemerocallidea</i> (African potato). <i>PLoS ONE</i> , 2021, 16, e0253741.	1.1	0
1804	Transcriptome analysis of the spleen provides insight into the immunoregulation of <i>Cyprinus carpio koi</i> under <i>Aeromonas veronii</i> infection. <i>Aquaculture</i> , 2021, 540, 736650.	1.7	7

#	ARTICLE	IF	CITATIONS
1805	Important innate differences in determining symbiotic responsiveness in host and non-hosts of arbuscular mycorrhiza. <i>Scientific Reports</i> , 2021, 11, 14444.	1.6	4
1806	Proteomic Analysis Demonstrates a Molecular Dialog Between <i>Trichoderma guizhouense</i> NJAU 4742 and Cucumber (<i>Cucumis sativus</i> L) Roots: Role in Promoting Plant Growth. <i>Molecular Plant-Microbe Interactions</i> , 2021, 34, MPMI-08-20-0240.	1.4	9
1807	Physiological and transcriptome analysis accentuates microtubules and calcium signaling in <i>Ziziphus jujuba</i> Mill "Dongzao"™ autotetraploids with sensitive cold tolerance. <i>Scientia Horticulturae</i> , 2021, 285, 110183.	1.7	8
1808	Abscisic Acid Mediates Drought-Enhanced Rhizosheath Formation in Tomato. <i>Frontiers in Plant Science</i> , 2021, 12, 658787.	1.7	13
1809	Motor Stereotypic Behavior Was Associated With Immune Response in Macaques: Insight From Transcriptome and Gut Microbiota Analysis. <i>Frontiers in Microbiology</i> , 2021, 12, 644540.	1.5	3
1810	Comparing the whole genome methylation landscape of dairy calf blood cells revealed intergenerational inheritance of the maternal metabolism. <i>Epigenetics</i> , 2021, , 1-10.	1.3	5
1812	The USDA-ARS Ag100Pest Initiative: High-Quality Genome Assemblies for Agricultural Pest Arthropod Research. <i>Insects</i> , 2021, 12, 626.	1.0	31
1813	Alterations of mRNA and lncRNA profiles associated with the extracellular matrix and spermatogenesis in goats. <i>Animal Bioscience</i> , 2022, 35, 544-555.	0.8	4
1814	Pathogen and drought stress affect cell wall and phytohormone signaling to shape host responses in a sorghum COMT bmr12 mutant. <i>BMC Plant Biology</i> , 2021, 21, 391.	1.6	13
1815	Integrated ionomic and transcriptomic dissection reveals the core transporter genes responsive to varying cadmium abundances in allotetraploid rapeseed. <i>BMC Plant Biology</i> , 2021, 21, 372.	1.6	3
1816	Effects of nonylphenol exposure on histological changes, apoptosis and time-course transcriptome in gills of white shrimp <i>Litopenaeus vannamei</i> . <i>Science of the Total Environment</i> , 2021, 781, 146731.	3.9	18
1817	Bidirectional deep neural networks to integrate RNA and DNA data for predicting outcome for patients with hepatocellular carcinoma. <i>Future Oncology</i> , 2021, 17, 4481-4495.	1.1	9
1818	A Co-Expression Network Reveals the Potential Regulatory Mechanism of lncRNAs in Relapsed Hepatocellular Carcinoma. <i>Frontiers in Oncology</i> , 2021, 11, 745166.	1.3	7
1819	Transcriptome analysis reveals the promotive effect of potassium by hormones and sugar signaling pathways during adventitious roots formation in the apple rootstock. <i>Plant Physiology and Biochemistry</i> , 2021, 165, 123-136.	2.8	20
1820	Diverse energy metabolism patterns in females in <i>Neodon fuscus</i> , <i>Lasiopodomys brandtii</i> , and <i>Mus musculus</i> revealed by comparative transcriptomics under hypoxic conditions. <i>Science of the Total Environment</i> , 2021, 783, 147130.	3.9	9
1821	Expression of cyanobacterial genes enhanced CO ₂ assimilation and biomass production in transgenic <i>Arabidopsis thaliana</i> . <i>PeerJ</i> , 2021, 9, e11860.	0.9	7
1822	FCER1G and PTGS2 Serve as Potential Diagnostic Biomarkers of Acute Myocardial Infarction Based on Integrated Bioinformatics Analyses. <i>DNA and Cell Biology</i> , 2021, 40, 1064-1075.	0.9	14
1823	Phylogenomics Based on Transcriptome Data Provides Evidence for the Internal Phylogenetic Relationships and Potential Terrestrial Evolutionary Genes of Lungfish. <i>Frontiers in Marine Science</i> , 2021, 8, .	1.2	5

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1824	Identification of Long Non-Coding RNAs Involved in Porcine Fat Deposition Using Two High-Throughput Sequencing Methods. <i>Genes</i> , 2021, 12, 1374.	1.0	6
1825	Comparative transcriptomic analysis of the brain in <i>Takifugu rubripes</i> shows its tolerance to acute hypoxia. <i>Fish Physiology and Biochemistry</i> , 2021, 47, 1669-1685.	0.9	10
1826	Chlorine disinfectants promote microbial resistance in <i>Pseudomonas</i> sp.. <i>Environmental Research</i> , 2021, 199, 111296.	3.7	29
1827	Seed dressing with mefenpyr-diethyl as a safener for mesosulfuron-methyl application in wheat: The evaluation and mechanisms. <i>PLoS ONE</i> , 2021, 16, e0256884.	1.1	9
1828	Enhanced SA and Ca ²⁺ signaling results in PCD-mediated spontaneous leaf necrosis in wheat mutant wsl. <i>Molecular Genetics and Genomics</i> , 2021, 296, 1249-1262.	1.0	3
1829	Rice hybrid mimics have stable yields equivalent to those of the F1 hybrid and suggest a basis for hybrid vigour. <i>Planta</i> , 2021, 254, 51.	1.6	3
1830	Metabolome and transcriptome profiling of <i>Theobroma cacao</i> provides insights into the molecular basis of pod color variation. <i>Journal of Plant Research</i> , 2021, 134, 1323-1334.	1.2	10
1831	Analysis of Bulk RNA Sequencing Data Reveals Novel Transcription Factors Associated With Immune Infiltration Among Multiple Cancers. <i>Frontiers in Immunology</i> , 2021, 12, 644350.	2.2	6
1832	Characterization of Dynamic Regulatory Gene and Protein Networks in Wheat Roots Upon Perceiving Water Deficit Through Comparative Transcriptomics Survey. <i>Frontiers in Plant Science</i> , 2021, 12, 710867.	1.7	5
1833	Comparative transcriptome provides insights into the selection adaptation between wild and farmed foxes. <i>Ecology and Evolution</i> , 2021, 11, 13475-13486.	0.8	2
1834	Exploring the genes involved in biosynthesis of dihydroquercetin and dihydromyricetin in <i>Ampelopsis grossedentata</i> . <i>Scientific Reports</i> , 2021, 11, 15596.	1.6	10
1835	Niche differentiation of belowground microorganisms and their functional signatures in Assam type tea (<i>Camellia sinensis</i> var. <i>assamica</i>). <i>Archives of Microbiology</i> , 2021, 203, 5661-5674.	1.0	2
1836	Arginine Methyltransferase PRMT1 Regulates p53 Activity in Breast Cancer. <i>Life</i> , 2021, 11, 789.	1.1	10
1837	High BTBD7 expression positive is correlated with SLUG-predicted poor prognosis in hormone receptor-negative breast cancer. <i>Annals of Translational Medicine</i> , 2021, 9, 1252-1252.	0.7	2
1838	Brain transcriptome analysis reveals genes involved in parental care behaviour in discus fish (<i>Symphysodon haraldi</i>). <i>General and Comparative Endocrinology</i> , 2021, 309, 113793.	0.8	4
1839	Targeting P2RX1 alleviates renal ischemia/reperfusion injury by preserving mitochondrial dynamics. <i>Pharmacological Research</i> , 2021, 170, 105712.	3.1	16
1840	Expression Profiling of microRNA From Peripheral Blood of Dairy Cows in Response to <i>Staphylococcus aureus</i> -Infected Mastitis. <i>Frontiers in Veterinary Science</i> , 2021, 8, 691196.	0.9	14
1841	Tianma Formula Alleviates Dementia via ACER2-Mediated Sphingolipid Signaling Pathway Involving A β . <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-20.	0.5	5

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1842	Dissecting the critical pathway crosstalk mechanisms of thyroid cancer based on drug-target genes and disease genes. <i>Biologia (Poland)</i> , 2021, 76, 3489-3499.	0.8	1
1843	Metagenomic Analysis of Antibiotic Resistance Genes in Untreated Wastewater From Three Different Hospitals. <i>Frontiers in Microbiology</i> , 2021, 12, 709051.	1.5	19
1844	Dysregulated lncRNAs are Involved in the Progress of Sepsis by Constructing Regulatory Networks in Whole Blood Cells. <i>Frontiers in Pharmacology</i> , 2021, 12, 678256.	1.6	5
1845	Predicting bladder cancer prognosis by integrating multi-omics data through a transfer learning-based Cox proportional hazards network. <i>CCF Transactions on High Performance Computing</i> , 2021, 3, 311-319.	1.1	6
1846	New insights of low-temperature plasma effects on seeds germination of <i>Platycodon grandiflorum</i> . <i>Israel Journal of Plant Sciences</i> , 2021, 68, 1-13.	0.3	2
1847	Characterization on the P-associated and agronomic traits as well as associated molecular processes in wheat under Pi deprivation condition. <i>Plant Cell, Tissue and Organ Culture</i> , 2021, 147, 545-559.	1.2	3
1848	A comparative analysis of differential N6-methyladenosine (m6A) modification between non-transgenic and LBD15 overexpressing Poplar 84ÅK plants. <i>Tree Genetics and Genomes</i> , 2021, 17, 1.	0.6	3
1849	Comparison of Gene Expression Patterns in Articular Cartilage and Xiphoid Cartilage. <i>Biochemical Genetics</i> , 2022, 60, 676-706.	0.8	3
1850	De Novo Transcriptomic Characterization Enables Novel Microsatellite Identification and Marker Development in <i>Betta splendens</i> . <i>Life</i> , 2021, 11, 803.	1.1	3
1851	A bacterial effector protein uncovers a plant metabolic pathway involved in tolerance to bacterial wilt disease. <i>Molecular Plant</i> , 2021, 14, 1281-1296.	3.9	34
1852	SNPs in Mammary Gland Epithelial Cells Unraveling Potential Difference in Milk Production Between Jersey and Kashmiri Cattle Using RNA Sequencing. <i>Frontiers in Genetics</i> , 2021, 12, 666015.	1.1	5
1853	Transcriptome Analysis Provides New Insights into Host Response to Hepatopancreatic Necrosis Disease in the Black Tiger Shrimp <i>Penaeus monodon</i> . <i>Journal of Ocean University of China</i> , 2021, 20, 1183-1194.	0.6	2
1854	Identification of a New Giant Embryo Allele, and Integrated Transcriptomics and Metabolomics Analysis of Giant Embryo Development in Rice. <i>Frontiers in Plant Science</i> , 2021, 12, 697889.	1.7	7
1856	Transcriptome analysis reveals the hepatoprotective mechanism of soybean meal peptides against alcohol-induced acute liver injury mice. <i>Food and Chemical Toxicology</i> , 2021, 154, 112353.	1.8	14
1858	Transcriptomic Analysis Reveals Key Genes Involved in Oil and Linoleic Acid Biosynthesis during <i>Artemisia sphaerocephala</i> Seed Development. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8369.	1.8	6
1859	Proteomics analysis of the secondary hair follicle cycle in Liaoning cashmere goat. <i>Small Ruminant Research</i> , 2021, 201, 106408.	0.6	4
1860	OsGF14b modulates defense signaling pathways in rice panicle blast response. <i>Crop Journal</i> , 2021, 9, 725-738.	2.3	16
1861	Comprehensive characterization of pathological stage-related genes of papillary thyroid cancer along with survival prediction. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 8390-8404.	1.6	2

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1862	High nitrate inhibited adventitious roots formation in apple rootstock by altering hormonal contents and miRNAs expression profiles. <i>Scientia Horticulturae</i> , 2021, 286, 110230.	1.7	14
1863	Development of a prognostic prediction model based on microRNA-1269a in esophageal cancer. <i>World Journal of Gastrointestinal Oncology</i> , 2021, 13, 943-958.	0.8	1
1864	Development of a prognostic prediction model based on microRNA-1269a in esophageal cancer. <i>World Journal of Gastrointestinal Oncology</i> , 2021, 13, 941-956.	0.8	0
1865	Comparative transcriptome analysis of <i>R3a</i> and <i>Avr3a</i> -mediated defense responses in transgenic tomato. <i>PeerJ</i> , 2021, 9, e11965.	0.9	2
1866	Transcriptome Analysis Revealed Plant Hormone Biosynthesis and Response Pathway Modification by <i>Epicloa gansuensis</i> in <i>Achnatherum nebulosum</i> under Different Soil Moisture Availability. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 640.	1.5	17
1867	Morphological, Physiological, and Molecular Responses of Sweetly Fragrant <i>Luculia gratissima</i> During the Floral Transition Stage Induced by Short-Day Photoperiod. <i>Frontiers in Plant Science</i> , 2021, 12, 715683.	1.7	0
1868	Interspecies Evolution and Networks Investigation of the Auxin Response Protein (AUX/IAA) Family Reveals the Adaptation Mechanisms of Halophytes Crops in Nitrogen Starvation Agroecological Environments. <i>Agriculture (Switzerland)</i> , 2021, 11, 780.	1.4	5
1869	Multi-Locus Genome-Wide Association Study of Four Yield-Related Traits in Chinese Wheat Landraces. <i>Frontiers in Plant Science</i> , 2021, 12, 665122.	1.7	5
1870	Comparative Transcriptomic Analysis Reveals the Effects of Drought on the Biosynthesis of Methyleugenol in <i>Asarum sieboldii</i> Miq.. <i>Biomolecules</i> , 2021, 11, 1233.	1.8	8
1871	Workflows for Rapid Functional Annotation of Diverse Arthropod Genomes. <i>Insects</i> , 2021, 12, 748.	1.0	9
1872	Pan-genome of <i>Raphanus</i> highlights genetic variation and introgression among domesticated, wild, and weedy radishes. <i>Molecular Plant</i> , 2021, 14, 2032-2055.	3.9	56
1873	The genome of <i>Cymbidium sinense</i> revealed the evolution of orchid traits. <i>Plant Biotechnology Journal</i> , 2021, 19, 2501-2516.	4.1	46
1874	Ribosomal RNA-depleted RNA sequencing reveals the pathogenesis of refractory <i>Mycoplasma pneumoniae</i> pneumonia in children. <i>Molecular Medicine Reports</i> , 2021, 24, .	1.1	5
1875	Single-cell transcriptomics reveal DHX9 in mature B cell as a dynamic network biomarker before lymph node metastasis in CRC. <i>Molecular Therapy - Oncolytics</i> , 2021, 22, 495-506.	2.0	7
1876	Antimicrobial mechanisms of g-C3N4 nanosheets against the oomycetes <i>Phytophthora capsici</i> : Disrupting metabolism and membrane structures and inhibiting vegetative and reproductive growth. <i>Journal of Hazardous Materials</i> , 2021, 417, 126121.	6.5	18
1877	Identification of Potential Gene Regulatory Pathways Affecting the Ratio of Four-Seed Pod in Soybean. <i>Frontiers in Genetics</i> , 2021, 12, 717770.	1.1	4
1878	Disease-Associated Gut Microbiota Reduces the Profile of Secondary Bile Acids in Pediatric Nonalcoholic Fatty Liver Disease. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 698852.	1.8	16
1879	Up-regulation expression and prognostic significance of Syntaxin4 in kidney renal clear cell carcinoma. <i>BMC Cancer</i> , 2021, 21, 992.	1.1	2

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1880	Quantitative analysis of differentially expressed milk fat globule membrane proteins between donkey and bovine colostrum based on high-performance liquid chromatography with tandem mass spectrometry proteomics. <i>Journal of Dairy Science</i> , 2021, 104, 12207-12215.	1.4	10
1881	Activation of Cryptic Antibiotic Biosynthetic Gene Clusters Guided by RNA-seq Data from Both <i>Streptomyces ansochromogenes</i> and <i>l'wblA</i> . <i>Antibiotics</i> , 2021, 10, 1097.	1.5	4
1882	MiR-552-3p promotes malignant progression of gallbladder carcinoma by reactivating the Akt/ β -catenin signaling pathway due to inhibition of the tumor suppressor gene RGMA. <i>Annals of Translational Medicine</i> , 2021, 9, 1374-1374.	0.7	3
1883	Deep Investigating the Changes of Gut Microbiome and Its Correlation With the Shifts of Host Serum Metabolome Around Parturition in Sows. <i>Frontiers in Microbiology</i> , 2021, 12, 729039.	1.5	7
1884	CBF transcription factors involved in the cold response of <i>Camellia japonica</i> (Naidong). <i>PeerJ</i> , 2021, 9, e12155.	0.9	4
1885	Genome-Wide Transcriptional Changes of <i>Rhodosporidium kratochvilovae</i> at Low Temperature. <i>Frontiers in Microbiology</i> , 2021, 12, 727105.	1.5	5
1886	Comparative transcriptome analysis revealed omnivorous adaptation of the small intestine of <i>Melinae</i> . <i>Scientific Reports</i> , 2021, 11, 19162.	1.6	1
1887	Systematic analysis of the mechanism of Xiaochaihu decoction in hepatitis B treatment via network pharmacology and molecular docking. <i>Computers in Biology and Medicine</i> , 2021, 138, 104894.	3.9	10
1888	Dynamic Transcriptomic and Metabolomic Analyses of <i>Madhuca pasquieri</i> (Dubard) H. J. Lam During the Post-germination Stages. <i>Frontiers in Plant Science</i> , 2021, 12, 731203.	1.7	2
1889	Transcriptome analysis provides strategies for postharvest lotus seeds preservation. <i>Postharvest Biology and Technology</i> , 2021, 179, 111583.	2.9	11
1890	RNA-seq analysis of gene expression changes in cuticles during the larval-pupal metamorphosis of <i>Plutella xylostella</i> . <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2021, 39, 100869.	0.4	5
1891	Transcriptome profiling of <i>Malus sieversii</i> under freezing stress after being cold-acclimated. <i>BMC Genomics</i> , 2021, 22, 681.	1.2	18
1892	Epigenetic Regulation by <i>Suv4-20h1</i> in Cardiopulmonary Progenitor Cells Is Required to Prevent Pulmonary Hypertension and Chronic Obstructive Pulmonary Disease. <i>Circulation</i> , 2021, 144, 1042-1058.	1.6	9
1893	The <i>Euscaphis japonica</i> genome and the evolution of malvids. <i>Plant Journal</i> , 2021, 108, 1382-1399.	2.8	6
1894	RNA-RNA interactions between SARS-CoV-2 and host benefit viral development and evolution during COVID-19 infection. <i>Briefings in Bioinformatics</i> , 2022, 23, .	3.2	41
1895	A comparative study of libido in drakes: from phenotypes to molecules. <i>Poultry Science</i> , 2021, 100, 101503.	1.5	4
1896	Physio-ultrastructural footprints and iTRAQ-based proteomic approach unravel the role of <i>Piriformospora indica</i> -colonization in counteracting cadmium toxicity in rice. <i>Ecotoxicology and Environmental Safety</i> , 2021, 220, 112390.	2.9	24
1897	Comparative transcriptomic profiling reveals the regulation of terpenoid biosynthesis in <i>Sinocalycanthus chinensis</i> . <i>Plant Physiology and Biochemistry</i> , 2021, 166, 477-484.	2.8	1

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1898	Metabolomic and Transcriptomic Changes Induced by Potassium Deficiency During <i>Sarocladium oryzae</i> Infection Reveal Insights into Rice Sheath Rot Disease Resistance. <i>Rice</i> , 2021, 14, 81.	1.7	10
1899	Antiatherosclerotic effect of dehydrocorydaline on ApoE ^{-/-} mice: inhibition of macrophage inflammation. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 1408-1418.	2.8	10
1901	Extensive transcriptome changes underlying the fruit skin colour intensity variation in purple eggplant. <i>Notulae Botanicae Horti Agrobotanici Cluj-Napoca</i> , 2021, 49, 12434.	0.5	3
1902	Transcriptome analysis to elucidate the toxicity mechanisms of fenvalerate, sulfide gatifloxacin, and ridomil on the hepatopancreas of <i>Procambarus clarkii</i> . <i>Fish and Shellfish Immunology</i> , 2021, 116, 140-149.	1.6	8
1903	Screening of key genes during early embryonic development of Nile tilapia (<i>Oreochromis niloticus</i>). <i>Gene Reports</i> , 2021, 24, 101262.	0.4	0
1904	Transcriptomics analysis of the infected tissue of gibel carp (<i>Carassius auratus gibelio</i>) with liver myxobolosis infers the underlying defense mechanisms from the perspective of immune-metabolic interactions. <i>Aquaculture</i> , 2021, 542, 736867.	1.7	8
1905	Circular RNAs Repertoire and Expression Profile during <i>Brassica rapa</i> Pollen Development. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10297.	1.8	13
1906	CXCL8, CXCL9, and CXCL10 serum levels increase in syphilitic patients with seroresistance. <i>Journal of Clinical Laboratory Analysis</i> , 2021, 35, e24016.	0.9	4
1907	Potassium Alginate Oligosaccharides Alter Gut Microbiota, and Have Potential to Prevent the Development of Hypertension and Heart Failure in Spontaneously Hypertensive Rats. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9823.	1.8	17
1908	SUN-Family Protein UvSUN1 Regulates the Development and Virulence of <i>Ustilagoidea vires</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 739453.	1.5	5
1909	Genome-wide association study reveals a quantitative trait locus and two candidate genes on <i>Sus scrofa</i> chromosome 5 affecting intramuscular fat content in Suhuai pigs. <i>Animal</i> , 2021, 15, 100341.	1.3	14
1910	Comparative analysis of spleen transcriptome of immune response in <i>Sebastes schlegelii</i> against <i>Photobacterium damsela</i> subsp. <i>damsela</i> infection. <i>Aquaculture Research</i> , 2022, 53, 232-242.	0.9	2
1911	The effects of corticosterone and background colour on tadpole physiological plasticity. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2021, 39, 100872.	0.4	4
1912	Integrated Analysis of lncRNA-Associated ceRNA Network Identifies Two lncRNA Signatures as a Prognostic Biomarker in Gastric Cancer. <i>Disease Markers</i> , 2021, 2021, 1-16.	0.6	8
1913	QKI-Regulated Alternative Splicing Events in Cervical Cancer: Pivotal Mechanism and Potential Therapeutic Strategy. <i>DNA and Cell Biology</i> , 2021, 40, 1261-1277.	0.9	3
1914	An atherosclerotic plaque-targeted single-chain antibody for MR/NIR-II imaging of atherosclerosis and anti-atherosclerosis therapy. <i>Journal of Nanobiotechnology</i> , 2021, 19, 296.	4.2	18
1915	Parallel subgenome structure and divergent expression evolution of allo-tetraploid common carp and goldfish. <i>Nature Genetics</i> , 2021, 53, 1493-1503.	9.4	52
1916	Response process and adaptation mechanism of estuarine benthic microbiota to polyvinyl chloride microplastics with and without phthalates. <i>Science of the Total Environment</i> , 2022, 806, 150693.	3.9	3

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1918	Comparative transcriptomics analysis reveals differential Cd response processes in roots of two turnip landraces with different Cd accumulation capacities. <i>Ecotoxicology and Environmental Safety</i> , 2021, 220, 112392.	2.9	11
1919	Female developmental environment delays development of male honeybee (<i>Apis mellifera</i>). <i>BMC Genomics</i> , 2021, 22, 699.	1.2	1
1920	An Adaptive Transfer-Learning-Based Deep Cox Neural Network for Hepatocellular Carcinoma Prognosis Prediction. <i>Frontiers in Oncology</i> , 2021, 11, 692774.	1.3	7
1921	Serial Transcriptome Analysis Reveals Genes Associated with Late Blight Resistance in Potato Cultivar Qingshu 9. <i>Agronomy</i> , 2021, 11, 1919.	1.3	3
1922	Serum exosome-derived biomarkers for the early detection of oral squamous cell carcinoma. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 4435-4447.	1.4	7
1923	Domestication and Feed Restriction Programming Organ Index, Dopamine, and Hippocampal Transcriptome Profile in Chickens. <i>Frontiers in Veterinary Science</i> , 2021, 8, 701850.	0.9	4
1924	Protein homeostasis, regulation of energy production and activation of DNA damage repair pathways are involved in the heat stress response of <i>Pseudogymnoascus</i> spp.. <i>Environmental Microbiology</i> , 2022, 24, 1849-1864.	1.8	2
1925	Global gene expression analysis of pigeonpea with male sterility conditioned by A 2 cytoplasm. <i>Plant Genome</i> , 2021, 14, e20132.	1.6	7
1926	Comparative physiological, biochemical and transcriptomic analysis of hexaploid wheat (<i>T. aestivum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tj and Zn starvation. <i>Genomics</i> , 2021, 113, 3357-3372.	1.3	8
1927	Dissection of the genetic basis of genotype-by-environment interactions for grain yield and main agronomic traits in Iranian bread wheat landraces and cultivars. <i>Scientific Reports</i> , 2021, 11, 17742.	1.6	13
1928	Relationship between HSPA1A-regulated gene expression and alternative splicing in mouse cardiomyocytes and cardiac hypertrophy. <i>Journal of Thoracic Disease</i> , 2021, 13, 5517-5533.	0.6	2
1929	RNA sequencing and functional analysis of adult gonadal tissue to identify candidate key genes in <i>Macrobrachium rosenbergii</i> sex development. <i>Aquaculture International</i> , 2021, 29, 2805-2821.	1.1	0
1930	Comparative transcriptome analysis reveals differential gene expression in sterile and fertile rubber tree varieties during flower bud differentiation. <i>Journal of Plant Physiology</i> , 2021, 265, 153506.	1.6	2
1931	Comprehensive transcriptome-based characterization of differentially expressed genes involved in carotenoid biosynthesis of different ripening stages of <i>Capsicum</i> . <i>Scientia Horticulturae</i> , 2021, 288, 110311.	1.7	11
1932	Concentration-dependent transcriptome of zebrafish larvae for environmental bisphenol S assessment. <i>Ecotoxicology and Environmental Safety</i> , 2021, 223, 112574.	2.9	3
1933	Molecular and metabolic insights into anthocyanin biosynthesis during leaf coloration in autumn. <i>Environmental and Experimental Botany</i> , 2021, 190, 104584.	2.0	7
1934	A novel model construction of lithocholic acid-induced cholestasis and transcriptome analysis in snakehead fish (<i>Channa argus</i>). <i>Aquaculture</i> , 2021, 543, 737014.	1.7	11
1935	Full-length sequencing of <i>Ginkgo biloba</i> L. reveals the synthesis of terpenoids during seed development. <i>Industrial Crops and Products</i> , 2021, 170, 113714.	2.5	10

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1936	Interferon-inducible protein, IFIX, has tumor-suppressive effects in oral squamous cell carcinoma. <i>Scientific Reports</i> , 2021, 11, 19593.	1.6	4
1937	Identification of differentially expressed long noncoding RNAs and pathways in liver tissues from rats with hepatic fibrosis. <i>PLoS ONE</i> , 2021, 16, e0258194.	1.1	0
1938	Application and mechanism of benzyl-isothiocyanate, a natural antimicrobial agent from cruciferous vegetables, in controlling postharvest decay of strawberry. <i>Postharvest Biology and Technology</i> , 2021, 180, 111604.	2.9	22
1939	Genome-wide association studies reveals polygenic genetic architecture of litter traits in Duroc pigs. <i>Theriogenology</i> , 2021, 173, 269-278.	0.9	12
1940	Analysis of transcriptome profiles of two <i>Pyrus pyrifolia</i> cultivars reveals genes associated with stone cell development. <i>Scientia Horticulturae</i> , 2021, 288, 110380.	1.7	1
1941	Isoforskolin, an adenylyl cyclase activator, attenuates cigarette smoke-induced COPD in rats. <i>Phytomedicine</i> , 2021, 91, 153701.	2.3	6
1942	iTRAQ-based quantitative proteomic analysis reveals the toxic mechanism of diclofenac sodium on the kidney of broiler chicken. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 249, 109129.	1.3	7
1943	Dynamic interaction mechanism of environment, microorganisms, and functions in anaerobic digestion of food waste with magnetic powder supplement. <i>Bioresource Technology</i> , 2021, 340, 125656.	4.8	13
1944	Identification of microRNA transcriptome in apple response to <i>Alternaria alternata</i> infection and evidence that miR390 is negative regulator of defense response. <i>Scientia Horticulturae</i> , 2021, 289, 110435.	1.7	6
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2410	Heat Shock Procedure Affects Cell Division-Associated Genes in Gynogenetic Manipulation. <i>Marine Biotechnology</i> , 2022, 24, 354.	1.1	2
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2428	Comparative transcriptome analysis of the Eureka lemon in response to Citrus yellow vein virus infection at different temperatures. <i>Physiological and Molecular Plant Pathology</i> , 2022, 119, 101832.	1.3	3
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2430	Bioinformatics role of the WGCNA analysis and co-expression network identifies of prognostic marker in lung cancer. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 3519-3527.	1.8	9
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2456	Chromosome-Level Genome Assembly and HazelOmics Database Construction Provides Insights Into Unsaturated Fatty Acid Synthesis and Cold Resistance in Hazelnut (<i>Corylus heterophylla</i>). <i>Frontiers in Plant Science</i> , 2021, 12, 766548.	1.7	7
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2861	Divergence in the Regulation of the Salt Tolerant Response Between <i>Arabidopsis thaliana</i> and Its Halophytic Relative <i>Eutrema salsugineum</i> by mRNA Alternative Polyadenylation. <i>Frontiers in Plant Science</i> , 2022, 13, 866054.	1.7	9
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2868	Traditional Chinese Medicine Tanreqing Targets Both Cell Division and Virulence in <i>Staphylococcus aureus</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 884045.	1.8	5
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2888	Physiological Effects and Transcriptomic Analysis of sbGnRH on the Liver in Pompano (<i>Trachinotus</i>) Tj ETQq1 1 0.784314 rgBJ /Overl	1.5	4
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2891	Characterization, expression, and functional analysis of the pathogenesis-related gene PtDIR11 in transgenic poplar. <i>International Journal of Biological Macromolecules</i> , 2022, 210, 182-195.	3.6	9
2892	Combined effects of S-metolachlor and benoxacor on embryo development in zebrafish (<i>Danio rerio</i>). <i>Ecotoxicology and Environmental Safety</i> , 2022, 238, 113565.	2.9	11
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2903	Gene Co-expression Network and Regression Analysis Identify the Transcriptomic, Physiological, and Biochemical Indicators of the Response of Alpine Woody Plant <i>Rhododendron rex</i> to Drought Stress. <i>Frontiers in Plant Science</i> , 2022, 13, .	1.7	2

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2904	Expression Level Dominance and Homeolog Expression Bias Upon Cold Stress in the F1 Hybrid Between the Invasive <i>Sphagneticola trilobata</i> and the Native <i>S. calendulacea</i> in South China, and Implications for Its Invasiveness. <i>Frontiers in Genetics</i> , 2022, 13, .	1.1	1
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2907	Transcriptomics Integrated with Metabolomics Unveil Carotenoids Accumulation and Correlated Gene Regulation in White and Yellow-Fleshed Turnip (<i>Brassica rapa</i> ssp. <i>rapa</i>). <i>Genes</i> , 2022, 13, 953.	1.0	0
2908	Serpin Family E Member 1 Enhances Myometrium Contractility By Increasing ATP Production During Labor. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
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2910	DNA methylation plays an important role in iron-overloaded Tibetans. <i>Genes and Genetic Systems</i> , 2022, 97, 55-66.	0.2	6
2911	Integrative Metabolome and Transcriptome Analysis of Flavonoid Biosynthesis Genes in <i>Broussonetia papyrifera</i> Leaves From the Perspective of Sex Differentiation. <i>Frontiers in Plant Science</i> , 2022, 13, .	1.7	2
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2913	Dual transcriptome based reconstruction of <i>Salmonella</i> -human integrated metabolic network to screen potential drug targets. <i>PLoS ONE</i> , 2022, 17, e0268889.	1.1	7
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2916	Effect of berberine on global modulation of lncRNAs and mRNAs expression profiles in patients with stable coronary heart disease. <i>BMC Genomics</i> , 2022, 23, .	1.2	1
2917	Mucosa-Colonizing Microbiota Correlate With Host Autophagy Signaling in Patients With Inflammatory Bowel Disease. <i>Frontiers in Microbiology</i> , 2022, 13, .	1.5	5
2918	Comparative Transcriptomics of Gonads Reveals the Molecular Mechanisms Underlying Gonadal Development in Giant Freshwater Prawns (<i>Macrobrachium rosenbergii</i>). <i>Journal of Marine Science and Engineering</i> , 2022, 10, 737.	1.2	4
2919	Transcriptomic and Metabolomic Analysis Unravels the Molecular Regulatory Mechanism of Fatty Acid Biosynthesis in <i>Styrax tonkinensis</i> Seeds under Methyl Jasmonate Treatment. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6190.	1.8	2
2920	Integrated Analysis of Glutathione Metabolic Pathway in Pancreatic Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, .	1.8	1
2921	Transcriptome analysis reveals the spinal expression profiles of non-coding RNAs involved in anorectal malformations in rat fetuses. <i>Journal of Pediatric Surgery</i> , 2022, , .	0.8	0
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2926	The Isolation and Full-Length Transcriptome Sequencing of a Novel Nidovirus and Response of Its Infection in Japanese Flounder (<i>Paralichthys olivaceus</i>). <i>Viruses</i> , 2022, 14, 1216.	1.5	2
2927	Genome-wide DNA methylation reveals potential epigenetic mechanism of age-dependent viral susceptibility in grass carp. <i>Immunity and Ageing</i> , 2022, 19, .	1.8	6
2928	WeCoNET: a host-“pathogen interactome database for deciphering crucial molecular networks of wheat-common bunt cross-talk mechanisms. <i>Plant Methods</i> , 2022, 18, .	1.9	6
2929	Stocking density affects transcriptome changes in the hypothalamic-pituitary-gonadal axis and reproductive performance in ducks. <i>Italian Journal of Animal Science</i> , 2022, 21, 955-966.	0.8	0
2930	Pharmacological inhibition of sphingolipid synthesis reduces ferroptosis by stimulating the HIF-1 pathway. <i>IScience</i> , 2022, 25, 104533.	1.9	11
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2932	Metagenomic insights into comparative study of nitrogen metabolic potential and microbial community between primitive and urban river sediments. <i>Environmental Research</i> , 2022, 212, 113592.	3.7	14
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2934	Comparative transcriptome analysis on candidate genes involved in lipid biosynthesis of developing kernels for three walnut cultivars in Xinjiang. <i>Food Science and Human Wellness</i> , 2022, 11, 1201-1214.	2.2	8
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2936	Transcriptome Analysis of Artificial Cultivated Mushrooms in Qinba Mountains. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
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2938	Combined transcriptome and metabolome analysis of <i>Nerium indicum</i> L. elaborates the key pathways that are activated in response to witches™ broom disease. <i>BMC Plant Biology</i> , 2022, 22, .	1.6	5
2939	Activated Carbon Facilitates Anaerobic Digestion of Furfural Wastewater: Effect of Direct Interspecies Electron Transfer. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 8206-8215.	3.2	14
2940	DNA Methylation Correlates with the Expression of Drought-Responsive Genes and Drought Resistance in Rice. <i>Agronomy</i> , 2022, 12, 1445.	1.3	7

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2945	Effects of 5-azaC on Iridoid Glycoside Accumulation and DNA Methylation in <i>Rehmannia glutinosa</i> . <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	0
2946	<i>Bacillus subtilis</i> biofilm matrix components target seed oil bodies to promote growth and anti-fungal resistance in melon. <i>Nature Microbiology</i> , 2022, 7, 1001-1015.	5.9	30
2947	Acetylome and Succinylome Profiling of <i>Edwardsiella tarda</i> Reveals Key Roles of Both Lysine Acylations in Bacterial Antibiotic Resistance. <i>Antibiotics</i> , 2022, 11, 841.	1.5	3
2948	Functional regulations between genetic alteration-driven genes and drug target genes acting as prognostic biomarkers in breast cancer. <i>Scientific Reports</i> , 2022, 12, .	1.6	11
2949	Systematic analysis and identification of regulators for SRS genes in <i>Capsicum annuum</i> . <i>Plant Growth Regulation</i> , 2022, 98, 51-64.	1.8	2
2950	Identification and analysis of miRNAsâ€”lncRNAsâ€”mRNAs modules involved in stemâ€”elongation of deepwater rice (<i>Oryza sativa</i> L.). <i>Physiologia Plantarum</i> , 2022, 174, .	2.6	5
2951	Transcript Complexity and New Insights of Restorer Line in CMS-D8 Cotton Through Full-Length Transcriptomic Analysis. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	1
2952	An Integrated Analysis of Transcriptome and Metabolism Reveals an Inhibitory Effect of Low Light on Anthocyanin Biosynthesis in Purple cai-tai (<i>Brassicarapa</i> L. var. <i>purpurea</i>). <i>Horticulturae</i> , 2022, 8, 566.	1.2	4
2953	Transcriptomic Characterization of <i>Miscanthus sacchariflorus</i> Ã— <i>M. lutarioriparius</i> and Its Implications for Energy Crop Development in the Semiarid Mine Area. <i>Plants</i> , 2022, 11, 1568.	1.6	4
2954	Infection by endophytic <i>Epichloa sibirica</i> was associated with activation of defense hormone signal transduction pathways and enhanced pathogen resistance in the grass <i>Achnatherum sibiricum</i> . <i>Phytopathology</i> , 0, , .	1.1	2
2955	PCBP-1 Regulates the Transcription and Alternative Splicing of Inflammation and Ubiquitination-Related Genes in PC12 Cell. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	8
2956	Multi-omics profiling reveals comprehensive microbeâ€”plantâ€”metabolite regulation patterns for medicinal plant <i>Glycyrrhiza uralensis</i> Fisch. <i>Plant Biotechnology Journal</i> , 2022, 20, 1874-1887.	4.1	27
2957	Transcriptome of Endophyte-Positive and Endophyte-Free Tall Fescue Under Field Stresses. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	2
2958	Dynamic Changes of Transcriptome and Metabolites During Ripening of <i>Alpinia oxyphylla</i> Fruit (AOF). <i>Journal of Plant Biology</i> , 2022, 65, 445-457.	0.9	2

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2960	Changes in the Transcriptome and Chromatin Landscape in BRAFi-Resistant Melanoma Cells. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	3
2961	The Role of Intestinal Microbial Metabolites in the Immunity of Equine Animals Infected With Horse Botflies. <i>Frontiers in Veterinary Science</i> , 0, 9, .	0.9	2
2962	Genome-Wide Association Study of Sheath Blight Resistance within a Core Collection of Rice (<i>Oryza</i>) Tj ETQq1 1 0.784314 rgBT /Ove	1.3	3
2963	CircRNAs in Xiang pig ovaries among diestrus and estrus stages. <i>Porcine Health Management</i> , 2022, 8, .	0.9	4
2964	Comparative Transcriptome and Proteome Analysis Provides New Insights Into the Mechanism of Protein Synthesis in Kenaf (<i>Hibiscus cannabinus</i> L.) Leaves. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	2
2965	Identification of Abietane-Type Diterpenoids and Phenolic Acids Biosynthesis Genes in <i>Salvia apiana</i> Jepson Through Full-Length Transcriptomic and Metabolomic Profiling. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	3
2966	Effects of Habitat River Microbiome on the Symbiotic Microbiota and Multi-Organ Gene Expression of Captive-Bred Chinese Giant Salamander. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	5
2967	<i>Bacillus velezensis</i> YYC promotes tomato growth and induces resistance against bacterial wilt. <i>Biological Control</i> , 2022, 172, 104977.	1.4	14
2968	Deciphering key regulators of <i>Inonotus hispidus</i> petroleum ether extract involved in anti-tumor through whole transcriptome and proteome analysis in H22 tumor-bearing mice model. <i>Journal of Ethnopharmacology</i> , 2022, 296, 115468.	2.0	8
2969	Renewable nitrogen-containing products by Maillard reaction of sewage sludge and glucose. Part I. Analysis of nitrogen composition and protein model based on AlphaFold2. <i>Fuel</i> , 2022, 325, 124968.	3.4	4
2970	Bioinformatics Analyses of Regulatory Network of Biomarkers in Chondrocytes from Patients with Osteoarthritis. <i>Brazilian Archives of Biology and Technology</i> , 0, 65, .	0.5	1
2971	Toxicity of Chronic Waterborne Zinc Exposure in Pacific White Shrimp <i>Litopenaeus Vannamei</i> . <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
2972	Integrated transcriptome and metabolome analyses revealed regulatory mechanisms of flavonoid biosynthesis in <i>Radix Ardisia</i> . <i>PeerJ</i> , 0, 10, e13670.	0.9	1
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2974	<i>C. elegans</i> monitor energy status via the AMPK pathway to trigger innate immune responses against bacterial pathogens. <i>Communications Biology</i> , 2022, 5, .	2.0	1
2975	Genome-Wide Identification of RNA Editing Sites Affecting Muscle Development in Yak. <i>Frontiers in Veterinary Science</i> , 0, 9, .	0.9	2
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2978	Activin B-activated Cdc42 signaling plays a key role in regulating adipose-derived mesenchymal stem cells-mediated skin wound healing. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	2.4	2
2979	Comparative Transcriptome Analysis of Differentially Expressed Genes in the Testis and Ovary of Sea Urchin (<i>Strongylocentrotus intermedius</i>). <i>Fishes</i> , 2022, 7, 152.	0.7	4
2980	De novo transcriptome assembly and comprehensive assessment provide insight into fruiting body formation of <i>Sparassis latifolia</i> . <i>Scientific Reports</i> , 2022, 12, .	1.6	2
2981	Regulation of OsPIL15 on rice quality. <i>Molecular Breeding</i> , 2022, 42, .	1.0	2
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2983	Resistance to Powdery Mildew in Qingke Involves the Accumulation of Aromatic Phenolamides Through Jasmonate-Mediated Activation of Defense-Related Genes. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	4
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2985	Systematic analysis on expression quantitative trait loci identifies a novel regulatory variant in ring finger and WD repeat domain 3 associated with prognosis of pancreatic cancer. <i>Chinese Medical Journal</i> , 2022, 135, 1348-1357.	0.9	3
2986	Characterization of a Novel Insect-Induced Sesquiterpene Synthase GbTPS1 Based on the Transcriptome of <i>Gossypium barbadense</i> Feeding by Cotton Bollworm. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	4
2987	Comparing Transcriptomes Reveals Key Metabolic Mechanisms in Superior Growth Performance Nile Tilapia (<i>Oreochromis niloticus</i>). <i>Frontiers in Genetics</i> , 0, 13, .	1.1	1
2988	A de novo assembled high-quality chromosome-scale <i>Trifolium pratense</i> genome and fine-scale phylogenetic analysis. <i>BMC Plant Biology</i> , 2022, 22, .	1.6	6
2989	Whole-genome sequence analysis reveals selection signatures for important economic traits in Xiang pigs. <i>Scientific Reports</i> , 2022, 12, .	1.6	11
2990	Transcriptome Analysis of Soursop (<i>Annona muricata</i> L.) Fruit under Postharvest Storage Identifies Genes Families Involved in Ripening. <i>Plants</i> , 2022, 11, 1798.	1.6	3
2991	Physiological and Transcriptome Analysis on Diploid and Polyploid <i>Populus ussuriensis</i> Kom. under Salt Stress. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7529.	1.8	10
2992	Transcriptomic Down-Regulation of Immune System Components in Barrier and Hematopoietic Tissues after Lipopolysaccharide Injection in Antarctic <i>Notothenia coriiceps</i> . <i>Fishes</i> , 2022, 7, 171.	0.7	3
2993	Comprehensive comparative analysis of histopathology and gene expression in subchondral bone between kashin-beck disease and primary osteoarthritis. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	2
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2996	Toxicological and transcriptomic effects in <i>Mythimna separata</i> (Lepidoptera: Noctuidae) exposed to chlorantraniliprole and functional characterization of glutathione S-transferases. <i>Pest Management Science</i> , 2022, 78, 4517-4532.	1.7	9
2997	Transcriptome analysis and characterization of genes associated to leaf tannin content in foxtail millet [<i>Setaria italica</i> (L.) P. Beauv.]. <i>BMC Genomics</i> , 2022, 23, .	1.2	3
2998	Xylem Transcriptome Analysis in Contrasting Wood Phenotypes of <i>Eucalyptus urophylla</i> \times <i>tereticornis</i> Hybrids. <i>Forests</i> , 2022, 13, 1102.	0.9	2
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3002	Mapping stripe rust resistance QTL in N2496, a synthetic hexaploid wheat derivative. <i>Plant Disease</i> , 0, , .	0.7	1
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3004	Network-based quantitative proteomics identified significant proteins associated with growth heterosis in triploid fish. <i>Aquaculture Research</i> , 0, , .	0.9	0
3005	RNA-sequencing of human aortic valves identifies that miR-629-3p and TAGLN miRNA-mRNA pair involving in calcified aortic valve disease. <i>Journal of Physiology and Biochemistry</i> , 2022, 78, 819-831.	1.3	7
3006	Genome-Wide Identification of Powdery Mildew Responsive Long Non-Coding RNAs in <i>Cucurbita pepo</i> . <i>Frontiers in Genetics</i> , 0, 13, .	1.1	6
3007	An Integrative Transcriptomic Analysis Reveals EGFR Exon-19 E746-A750 Fragment Deletion Regulated miRNA, circRNA, mRNA and lncRNA Networks in Lung Carcinoma. <i>International Journal of General Medicine</i> , 0, Volume 15, 6031-6042.	0.8	0
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3009	The role and mechanisms of the two-component system <i>EnvZ/OmpR</i> on the intracellular survival of <i>Aeromonas hydrophila</i> . <i>Journal of Fish Diseases</i> , 2022, 45, 1609-1621.	0.9	9
3010	Genome-Wide Analysis Identifies Candidate Genes Encoding Feather Color in Ducks. <i>Genes</i> , 2022, 13, 1249.	1.0	9
3011	WAL3 encoding a PLS-type PPR protein regulates chloroplast development in rice. <i>Plant Science</i> , 2022, 323, 111382.	1.7	6
3012	Chromosome 5P of <i>Agropyron cristatum</i> induces chromosomal translocation by disturbing homologous chromosome pairing in a common wheat background. <i>Crop Journal</i> , 2023, 11, 228-237.	2.3	2

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3014	Dynamic Transcriptomic Profiling During Liver Development in Schizothorax Prenanti. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	3
3015	The EGFR-STYK1-FGF1 axis sustains functional drug tolerance to EGFR inhibitors in EGFR-mutant non-small cell lung cancer. <i>Cell Death and Disease</i> , 2022, 13, .	2.7	3
3016	Cuticular Wax Modification by <i>Epichloa</i> Endophyte in <i>Achnatherum inebrians</i> under Different Soil Moisture Availability. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 725.	1.5	2
3017	Genome sequencing reveals chromosome fusion and extensive expansion of genes related to secondary metabolism in <i>Artemisia argyi</i> . <i>Plant Biotechnology Journal</i> , 2022, 20, 1902-1915.	4.1	25
3018	Genome-Wide Analysis Identifies Candidate Genes Encoding Beak Color of Duck. <i>Genes</i> , 2022, 13, 1271.	1.0	7
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3021	A genome-wide association study of important reproduction traits in large white pigs. <i>Gene</i> , 2022, 838, 146702.	1.0	2
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3023	Effects of air exposure stress on crustaceans: Histopathological changes, antioxidant and immunity of the red swamp crayfish <i>Procambarus clarkii</i> . <i>Developmental and Comparative Immunology</i> , 2022, 135, 104480.	1.0	6
3024	Blue light increases anthocyanin content and delays fruit ripening in purple pepper fruit. <i>Postharvest Biology and Technology</i> , 2022, 192, 112024.	2.9	23
3025	Metabolic Profiling and Transcriptional Analysis of Carotenoid Accumulation in a Red-Fleshed Mutant of Pummelo (<i>Citrus grandis</i>). <i>Molecules</i> , 2022, 27, 4595.	1.7	5
3026	HnRNP K regulates inflammatory gene expression by mediating splicing pattern of transcriptional factors. <i>Experimental Biology and Medicine</i> , 2023, 248, 1479-1491.	1.1	2
3027	Transcriptome and Metabolome Analyses of <i>Codonopsis convolvulacea</i> Kurz Tuber, Stem, and Leaf Reveal the Presence of Important Metabolites and Key Pathways Controlling Their Biosynthesis. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	2
3028	PD-L1 regulates cell proliferation and apoptosis in acute myeloid leukemia by activating PI3K-AKT signaling pathway. <i>Scientific Reports</i> , 2022, 12, .	1.6	18
3029	Comparative transcriptome analysis unveiling reactive oxygen species scavenging system of <i>Sonneratia caseolaris</i> under salinity stress. <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	5
3030	Genome-Wide Identification and Characterization of RNA/DNA Differences Associated with <i>Fusarium graminearum</i> Infection in <i>W</i> heat. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7982.	1.8	2

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3032	Proteomics data analysis using multiple statistical approaches identified proteins and metabolic networks associated with sucrose accumulation in sugarcane. <i>BMC Genomics</i> , 2022, 23, .	1.2	2
3033	Comparative physiological and transcriptome analysis reveals the potential mechanism of selenium accumulation and tolerance to selenate toxicity of <i>Broussonetia papyrifera</i> . <i>Tree Physiology</i> , 2022, 42, 2578-2595.	1.4	2
3034	Early feeding strategies in lambs affect rumen development and growth performance, with advantages persisting for two weeks after the transition to fattening diets. <i>Frontiers in Veterinary Science</i> , 0, 9, .	0.9	3
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3480	PAIP1 regulates expression of immune and inflammatory response associated genes at transcript level in liver cancer cell. <i>PeerJ</i> , 0, 11, e15070.	0.9	1
3481	Exogenous Brassinosteroid Enhances Zinc tolerance by activating the Phenylpropanoid Biosynthesis pathway in <i>Citrullus lanatus</i> L. <i>Plant Signaling and Behavior</i> , 2023, 18, .	1.2	4
3482	Comprehensive analysis of circular RNAs in porcine small intestine epithelial cells associated with susceptibility to <i>Escherichia coli</i> F4ac diarrhea. <i>BMC Genomics</i> , 2023, 24, .	1.2	0

#	ARTICLE	IF	CITATIONS
3483	Regulatory network mediated by CmMKK5â€“CmMPK13 cascade response to phosphorus starvation in chrysanthemum. Industrial Crops and Products, 2023, 199, 116730.	2.5	0