

# CITATION REPORT

List of articles citing

## CytoNCA: a cytoscape plugin for centrality analysis and evaluation of protein interaction networks

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#	Paper	IF	Citations
665	Computational approaches for prioritizing candidate disease genes based on PPI networks. <b>2015</b> , 20, 500-512		48
664	Maximum flow approach to prioritize potential drug targets of Mycobacterium tuberculosis H37Rv from protein-protein interaction network. <b>2015</b> , 4, 61		9
663	Exome sequencing of a colorectal cancer family reveals shared mutation pattern and predisposition circuitry along tumor pathways. <b>2015</b> , 6, 288		8
662	Identification of Essential Proteins Based on a New Combination of Local Interaction Density and Protein Complexes. <b>2015</b> , 10, e0131418		39
661	Heterogeneous network model to infer human disease-long intergenic non-coding RNA associations. <b>2015</b> , 14, 175-83		38
660	A Topology Potential-Based Method for Identifying Essential Proteins from PPI Networks. <b>2015</b> , 12, 372-83		59
659	Effective Boolean dynamics analysis to identify functionally important genes in large-scale signaling networks. <i>BioSystems</i> , <b>2015</b> , 137, 64-72	1.9	6
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471	Two New Methods for Identifying Essential Proteins Based on the Protein Complexes and Topological Properties. <b>2020</b> , 8, 9578-9586	0
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469	Sex-specific and opposite modulatory aspects revealed by PPI network and pathway analysis of ischemic stroke in humans. <b>2020</b> , 15, e0227481	3

468	Identification of DNA hydroxymethylation associated genes in osteoarthritis by combined analysis of hydroxymethylation and gene expression. <b>2020</b> , 25, 700-707	1
467	Identification of miR-210 and combination biomarkers as useful agents in early screening non-small cell lung cancer. <b>2020</b> , 729, 144225	4
466	Network pharmacology and bioinformatics approach reveals the hypolipidemic mechanism of Dan Tian Jiang Zhi pill. <b>2020</b> , 29, 243-254	1
465	Candidate lncRNA-miRNA-mRNA network in predicting hepatocarcinogenesis with cirrhosis: an integrated bioinformatics analysis. <b>2020</b> , 146, 87-96	15
464	A mixed clustering coefficient centrality for identifying essential proteins. <b>2020</b> , 34, 2050090	1
463	Potential Molecular Mechanisms of Chaihu-Shugan-San in Treatment of Breast Cancer Based on Network Pharmacology. <b>2020</b> , 2020, 3670309	5
462	Identification of Key Genes in Gastric Cancer by Bioinformatics Analysis. <b>2020</b> , 2020, 7658230	9
461	Kinless hubs are potential target genes in prostate cancer network. <b>2020</b> , 112, 5227-5239	8
460	Identifying the Mechanisms and Molecular Targets of Yizhiqingxin Formula on Alzheimer's Disease: Coupling Network Pharmacology with GEO Database. <b>2020</b> , 13, 487-502	2
459	Investigating the mechanism of ShuFeng JieDu capsule for the treatment of novel Coronavirus pneumonia (COVID-19) based on network pharmacology. <b>2020</b> , 17, 2511-2530	14
458	Biomarker exploration of microRNA-203 as a promising substrate for predicting poor survival outcome in colorectal cancer. <b>2020</b> , 20, 1003	1
457	Comparative transcriptomic analysis identifies distinct molecular signatures and regulatory networks of chondroclasts and osteoclasts. <b>2020</b> , 22, 168	5
456	A drug-biomarker interaction model to predict the key targets of Scutellaria barbata D. Don in adverse-risk acute myeloid leukaemia. <b>2021</b> , 25, 2351-2365	1
455	Network Analysis Identifies Gene Regulatory Network Indicating the Role of RUNX1 in Human Intervertebral Disc Degeneration. <b>2020</b> , 11,	5
454	Quickly evaluating the synergistic effects of top anti-cancer drugs by the computer high performance computing power and complex network visualization. <b>2020</b> , 38, 277-281	1
453	Tracing the footsteps of autophagy in computational biology. <b>2021</b> , 22,	3
452	Network Pharmacology-Based Strategy to Investigate Pharmacological Mechanisms of Qiaoshao Formula for Treatment of Premature Ejaculation. <b>2020</b> , 2020, 1418634	0
451	The potential biomarkers for the formation and development of intracranial aneurysm. <b>2020</b> , 81, 270-278	5

450	Uncovering the pharmacological mechanism of the effects of the Banxia-Xiakucuo Chinese Herb Pair on sleep disorder by a systems pharmacology approach. <b>2020</b> , 10, 20454	2
449	Network Pharmacology-Based Study on the Mechanism of Gegen Qinlian Decoction against Colorectal Cancer. <b>2020</b> , 2020, 8897879	3
448	Identification of Crucial lncRNAs, miRNAs, mRNAs, and Potential Therapeutic Compounds for Polycystic Ovary Syndrome by Bioinformatics Analysis. <b>2020</b> , 2020, 1817094	5
447	Screening of T Cell-Related Long Noncoding RNA-MicroRNA-mRNA Regulatory Networks in Non-Small-Cell Lung Cancer. <b>2020</b> , 2020, 5816763	5
446	Whole-Transcriptome Sequencing Identifies Key Differentially Expressed mRNAs, miRNAs, lncRNAs, and circRNAs Associated with CHOL. <b>2020</b> , 21, 592-603	14
445	Integrated PPI- and WGCNA-Retrieval of Hub Gene Signatures Shared Between Barrett's Esophagus and Esophageal Adenocarcinoma. <b>2020</b> , 11, 881	27
444	Insights from RNA-Seq analysis of Alzheimer's data suggest upregulation of GPCRs. <b>2020</b> , 21, 100921	0
443	Systems analysis of avascular necrosis of femoral head using integrative data analysis and literature mining delineates pathways associated with disease. <b>2020</b> , 10, 18099	6
442	Identification of Protein Complexes Based on Core-Attachment Structure and Combination of Centrality Measures and Biological Properties in PPI Weighted Networks. <b>2020</b> , 39, 681-702	1
441	Association between oxidative-stress-related markers and calcified femoral artery in type 2 diabetes patients. <b>2020</b> , 190, 113535	4
440	Network Pharmacology Identifies the Mechanisms of Sang-Xing-Zhi-Ke-Fang against Pharyngitis. <b>2020</b> , 2020, 2421916	3
439	Systems pharmacology in combination with proteomics reveals underlying mechanisms of Xihuang pill against triple-negative breast cancer. <b>2020</b> , 11, 1170-1188	7
438	Based on Systematic Pharmacology: Molecular Mechanism of Siwei Jianbu Decoction in Preventing Oxaliplatin-Induced Peripheral Neuropathy. <b>2020</b> , 2020, 8880543	2
437	Genomic landscape of the immune microenvironments of brain metastases in breast cancer. <b>2020</b> , 18, 327	4
436	Single-cell RNA-seq identifies unique transcriptional landscapes of human nucleus pulposus and annulus fibrosus cells. <b>2020</b> , 10, 15263	13
435	Analysis of genes and metabolites associated with propamocarb hydrochloride response in tobacco. <b>2020</b> , 112, 4939-4950	1
434	Mechanisms of indigo naturalis on treating ulcerative colitis explored by GEO gene chips combined with network pharmacology and molecular docking. <b>2020</b> , 10, 15204	20
433	Deciphering the Underlying Mechanism of Eucommiae Cortex against Osteoporotic Fracture by Network Pharmacology. <b>2020</b> , 2020, 7049812	3

432	Bioinformatic analysis reveals hub genes and pathways that promote melanoma metastasis. <b>2020</b> , 20, 863	7
431	Deciphering the Molecular Targets and Mechanisms of HGWD in the Treatment of Rheumatoid Arthritis via Network Pharmacology and Molecular Docking. <b>2020</b> , 2020, 7151634	9
430	Network Pharmacology-Based Approach to Revealing Biological Mechanisms of Qingkailing Injection against IschemicStroke: Focusing on Blood-Brain Barrier. <b>2020</b> , 2020, 2914579	3
429	Identification of Hub Genes of Mesio Temporal Lobe Epilepsy and Prognostic Biomarkers of Brain Low-grade Gliomas Based on Bioinformatics Analysis. <b>2020</b> , 29, 963689720978722	1
428	Analysis of Crucial Genes and Pathways Associated with Spared Nerve Injury-Induced Neuropathic Pain. <b>2020</b> , 2020, 1-12	
427	Utilizing network pharmacology to explore the underlying mechanism of Qiangzhi decoction in treating Tourette's syndrome. <b>2020</b> , 9, 4194-4210	
426	An in-silico method leads to recognition of hub genes and crucial pathways in survival of patients with breast cancer. <b>2020</b> , 10, 18770	6
425	Network pharmacology and molecular docking analyses on Lianhua Qingwen capsule indicate Akt1 is a potential target to treat and prevent COVID-19. <b>2020</b> , 53, e12949	58
424	Prognostic Role of microRNA-205 in Human Gynecological Cancer: A Meta-Analysis of Fourteen Studies. <b>2020</b> , 39, 875-889	2
423	An Integrative Pharmacology-Based Analysis of Refined Qingkailing Injection Against Cerebral Ischemic Stroke: A Novel Combination of Baicalin, Geniposide, Cholic Acid, and Hyodeoxycholic Acid. <b>2020</b> , 11, 519	13
422	Transcriptional regulatory networks of methanol-independent protein expression in <i>Pichia pastoris</i> under the AOX1 promoter with trans-acting elements engineering. <b>2020</b> , 7,	0
421	The Change of Interleukin-6 Level-Related Genes and Pathways Induced by Exercise in Sedentary Individuals. <b>2020</b> , 40, 236-244	2
420	ACGLM: A Hybrid Approach to Select and Combine Gene Expression Regulation in Cancer Datasets. <b>2020</b> , 768, 072086	
419	Common cancer biomarkers of breast and ovarian types identified through artificial intelligence. <b>2020</b> , 96, 995-1004	3
418	Prognostic implication and functional exploration for microRNA-20a as a molecular biomarker of gastrointestinal cancer. <b>2020</b> , 20, 420	2
417	An Analysis of the Anti-Neuropathic Effects of Qi She Pill Based on Network Pharmacology. <b>2020</b> , 2020, 7193832	4
416	Circular RNA hsa_circ_0000376 Participates in Tumorigenesis of Breast Cancer by Targeting miR-1285-3p. <b>2020</b> , 19, 1533033820928471	7
415	Anti-Helicobacter pylori-associated gastritis effect of the ethyl acetate extract of <i>Alpinia officinarum</i> Hance through MAPK signaling pathway. <b>2020</b> , 260, 113100	2

414	Identification of MicroRNA-Target Gene-Transcription Factor Regulatory Networks in Colorectal Adenoma Using Microarray Expression Data. <b>2020</b> , 11, 463	6
413	Identification and Validation of Potential Biomarkers and Their Functions in Acute Kidney Injury. <b>2020</b> , 11, 411	2
412	Spectrum-specific encephalography standardized low-resolution brain electromagnetic tomography network and gray matter correlations in vascular dementia patients. <b>2020</b> , 16, 155014771989596	1
411	Network-based meta-analysis for the identification of potential target for human anaplastic thyroid carcinoma. <b>2020</b> , 24, 100690	
410	Systematic analysis of ovarian cancer platinum-resistance mechanisms via text mining. <b>2020</b> , 13, 27	6
409	Network Pharmacology-Based Strategy for Predicting Therapy Targets of Traditional Chinese Medicine Xihuang Pill on Liver Cancer. <b>2020</b> , 2020, 6076572	4
408	IFN-I Independent Antiviral Immune Response to Vesicular Stomatitis Virus Challenge in Mouse Brain. <b>2020</b> , 8,	3
407	Significance-Based Essential Protein Discovery. <b>2020</b> , PP,	3
406	Reducing the nicotine content of tobacco by grafting with eggplant. <b>2020</b> , 20, 285	1
405	Deciphering the underlying mechanism of Xianlinggubao capsule against osteoporosis by network pharmacology. <b>2020</b> , 20, 208	11
404	Identifying essential proteins using modified-monkey algorithm (MMA). <b>2020</b> , 88, 107324	1
403	Screening of Prognostic Factors in Early-Onset Breast Cancer. <b>2020</b> , 19, 1533033819893670	3
402	Network Embedding the Protein-Protein Interaction Network for Human Essential Genes Identification. <b>2020</b> , 11,	10
401	A Novel Three-miRNA Signature Identified Using Bioinformatics Predicts Survival in Esophageal Carcinoma. <b>2020</b> , 2020, 5973082	3
400	Integrated characterization and validation of the prognostic significance of microRNA-200s in colorectal cancer. <b>2020</b> , 20, 56	1
399	Identification of hub genes, key pathways, and therapeutic agents in Hutchinson-Gilford Progeria syndrome using bioinformatics analysis. <b>2020</b> , 99, e19022	2
398	Computational Intelligence Methods for Bioinformatics and Biostatistics. <b>2020</b> ,	1
397	Uncovering the Pharmacological Mechanism of Stemazole in the Treatment of Neurodegenerative Diseases Based on a Network Pharmacology Approach. <b>2020</b> , 21,	9



396	Disease-relevant mutations alter amino acid co-evolution networks in the second nucleotide binding domain of CFTR. <b>2020</b> , 15, e0227668	1
395	Investigation of the mechanism of action of <i>Porana sinensis</i> Hemsl. against gout arthritis using network pharmacology and experimental validation. <b>2020</b> , 252, 112606	11
394	A Network Pharmacology-Based Study of the Molecular Mechanisms of Shaoyao-Gancao Decoction in Treating Parkinson's Disease. <b>2020</b> , 12, 131-144	11
393	Identification of Potential Biomarkers Associated with Basal Cell Carcinoma. <b>2020</b> , 2020, 2073690	4
392	Systematic Elucidation of the Potential Mechanisms of Core Chinese Materia Medicas in Treating Liver Cancer Based on Network Pharmacology. <b>2020</b> , 2020, 4763675	5
391	An integrated method for identifying essential proteins from multiplex network model of protein-protein interactions. <b>2020</b> , 18, 2050020	2
390	Network Pharmacology Approach to Uncover the Mechanism Governing the Effect of <i>Radix Achyranthis Bidentatae</i> on Osteoarthritis. <b>2020</b> , 20, 121	10
389	An Investigation of the Mechanism of Rapid Relief of Ulcerative Colitis Induced by Five-flavor <i>Sophora Flavescens</i> Enteric-coated Capsules Based on Network Pharmacology. <b>2020</b> , 23, 239-252	6
388	MicroRNA-1202 plays a vital role in osteoarthritis via KCNQ1OT1 has-miR-1202-ETS1 regulatory pathway. <b>2020</b> , 15, 130	6
387	Human gene expression profiling identifies key therapeutic targets in tuberculosis infection: A systematic network meta-analysis. <b>2021</b> , 87, 104649	2
386	Influential Performance of Nodes Identified by Relative Entropy in Dynamic Networks. <b>2021</b> , 08, 93-112	1
385	Dihydroartemisinin inhibits the tumorigenesis and invasion of gastric cancer by regulating STAT1/KDR/MMP9 and P53/BCL2L1/CASP3/7 pathways. <b>2021</b> , 218, 153318	8
384	Possible immune regulation mechanisms for the progression of chronic thromboembolic pulmonary hypertension. <b>2021</b> , 198, 122-131	3
383	Gene expression in rat placenta after exposure to di(2-ethylhexyl) phthalate. <b>2021</b> , 40, 504-514	2
382	Effect of Gegenqinlian decoction on intestinal mucosal flora in mice with diarrhea induced by high temperature and humidity treatment. <b>2021</b> , 11, 83	2
381	Bone marrow stromal cells derived exosomal miR-10a and miR-16 may be involved in progression of patients with multiple myeloma by regulating EPHA8 or IGF1R/CCND1. <b>2021</b> , 100, e23447	1
380	GATA3 somatic mutations are associated with clinicopathological features and expression profile in TCGA breast cancer patients. <b>2021</b> , 11, 1679	7
379	Comprehensive evaluation of microRNA-10b in digestive system cancers reveals prognostic implication and signaling pathways associated with tumor progression. <b>2021</b> , 12, 4011-4024	1

378	Essential Protein Recognition via Community Significance. <b>2021</b> , 18, 2788-2794	
377	Network pharmacology study of yuebi plus banxia decoction in treating asthma. <b>2021</b> , 7, 370	0
376	Discovery and function exploration of microRNA-155 as a molecular biomarker for early detection of breast cancer. <b>2021</b> , 28, 806-821	1
375	Integrated analysis on mRNA microarray and microRNA microarray to screen immune-related biomarkers and pathways in myelodysplastic syndrome. <b>2021</b> , 26, 417-431	0
374	Systems Pharmacology-Based Identification of Mechanisms of Action of <i>Bolbostemma paniculatum</i> for the Treatment of Hepatocellular Carcinoma. <b>2021</b> , 27, e927624	1
373	Regulation of Pancreatic Fibrosis by Acinar Cell-Derived Exosomal miR-130a-3p via Targeting of Stellate Cell PPAR- $\alpha$ <b>2021</b> , 14, 461-477	5
372	Identification of Crucial Genes and Pathways Associated with Atherosclerotic Plaque in Diabetic Patients. <b>2021</b> , 14, 211-220	1
371	Coronary artery disease: differential expression of ceRNAs and interaction analyses. <b>2021</b> , 9, 229	3
370	Sex-Dependent Effects of 7,8-Dihydroxyflavone on Metabolic Health Are Associated with Alterations in the Host Gut Microbiome. <b>2021</b> , 13,	1
369	Multidimensional Single-Nuclei RNA-Seq Reconstruction of Adipose Tissue Reveals Adipocyte Plasticity Underlying Thermogenic Response.	1
368	Analyses of Immune System Protein Interactome Network, Single-Cell RNA Sequencing of Human Tissues, and Artificial Neural Networks Reveal Potential Therapeutic Targets for Drug Repurposing Against COVID-19. <b>2021</b> , 12, 598925	7
367	The long non-coding RNA plays critical roles in the pathogenesis of cholesterol gallstone. <b>2021</b> , 9, e10803	1
366	Inhibitory effect of sodium butyrate on colorectal cancer cells and construction of the related molecular network. <b>2021</b> , 21, 127	6
365	Network Pharmacology and Pharmacological Evaluation Reveals the Mechanism of the in Suppressing Hepatocellular Carcinoma. <b>2021</b> , 12, 618522	4
364	A ceRNA-associated risk model predicts the poor prognosis for head and neck squamous cell carcinoma patients. <b>2021</b> , 11, 6374	4
363	Identification of Biomarkers Related to Atrial Fibrillation With Mitral Regurgitation. <b>2021</b> , 361, 319-326	0
362	Identification of the Key Regulators of Spina Bifida Through Graph-Theoretical Approach. <b>2021</b> , 12, 597983	2
361	Computational Identification of the Plausible Molecular Vaccine Candidates of Multidrug-Resistant <i>Salmonella enterica</i> .	0

360	A random walk-based method for detecting essential proteins by integrating the topological and biological features of PPI network. <b>2021</b> , 25, 8883-8903	2
359	Paracrine interleukin-8 affects mesenchymal stem cells through the Akt pathway and enhances human umbilical vein endothelial cell proliferation and migration. <b>2021</b> , 41,	4
358	Hypoxia Constructing the Prognostic Model of Colorectal Adenocarcinoma and Related to the Immune Microenvironment. <b>2021</b> , 9, 665364	4
357	Based on Plasma Metabonomics and Network Pharmacology Exploring the Therapeutic Mechanism of on Type 2 Diabetes. <b>2021</b> , 12, 674379	2
356	Highly heterogeneous-related genes of triple-negative breast cancer: potential diagnostic and prognostic biomarkers. <b>2021</b> , 21, 644	5
355	Network-based analysis of key regulatory genes implicated in Type 2 Diabetes Mellitus and Recurrent Miscarriages in Turner Syndrome. <b>2021</b> , 11, 10662	0
354	Network Pharmacology-Based Validation of the Efficacy of Decoction in the Treatment of Experimental Colitis. <b>2021</b> , 12, 666432	2
353	Network Pharmacology and Molecular Docking Combined to Analyze the Molecular and Pharmacological Mechanism of in the Treatment of Hypertension. <b>2021</b> , 43, 65-78	3
352	Network Pharmacology-Based Systematic Analysis of Molecular Mechanisms of Dingji Fumai Decoction for Ventricular Arrhythmia. <b>2021</b> , 2021, 5535480	4
351	Prognosis and Characterization of Immune Microenvironment in Acute Myeloid Leukemia Through Identification of an Autophagy-Related Signature. <b>2021</b> , 12, 695865	5
350	Identification of Key Genes for Hepatitis Delta Virus-Related Hepatocellular Carcinoma by Bioinformatics Analysis. <b>2021</b> , 32, 169-177	1
349	Comparison of mechanisms and efficacies of five formulas for improving blood circulation and removing blood stasis. <b>2021</b> , 4, 144-158	2
348	A systems pharmacology approach based on oncogenic signalling pathways to determine the mechanisms of action of natural products in breast cancer from transcriptome data. <b>2021</b> , 21, 181	1
347	Application of Molecular Nanoprobes in the Analysis of Differentially Expressed Genes and Prognostic Models of Primary Hepatocellular Carcinoma. <b>2021</b> , 17, 1020-1033	2
346	Regulatory miRNA-mRNA Networks in Parkinson's Disease. <b>2021</b> , 10,	2
345	Traditional Chinese medicine Bu-Shen-Jian-Pi-Fang attenuates glycolysis and immune escape in clear cell renal cell carcinoma: results based on network pharmacology. <b>2021</b> , 41,	5
344	Identification of Critical Host Targets for HCV Infection: A Systems Biology Approach. <b>2021</b> , 6, 755-763	0
343	Microarray Analysis of Differential Gene Expression Between Traumatic Temporomandibular Joint Fibrous and Bony Ankylosis in a Sheep Model. <b>2021</b> , 27, e932545	1

342	Ortho_Sim_Loc: Essential protein prediction using orthology and priority-based similarity approach. <b>2021</b> , 92, 107503	0
341	CCDC114, DNAI2 and TOP2A involves in the effects of tibolone treatment on postmenopausal endometrium. <b>2021</b> , 21, 240	
340	Transcriptomic Analysis Exploring the Molecular Mechanisms of Hanchuan Zupa Granules in Alleviating Asthma in Rat. <b>2021</b> , 2021, 5584099	0
339	Network Pharmacology Combined with Bioinformatics to Investigate the Mechanisms and Molecular Targets of Herb Pair on Treating Diabetic Nephropathy. <b>2021</b> , 2021, 9980981	1
338	A Novel Multi-Ensemble Method for Identifying Essential Proteins. <b>2021</b> , 28, 637-649	1
337	The mechanisms of action of WeiChang'An Pill (WCAP) treat diarrhoea-predominant irritable bowel syndrome (IBS-D) using network pharmacology approach and in vivo studies. <b>2021</b> , 275, 114119	3
336	Bioinformatics Analysis and Identification of Genes and Molecular Pathways Involved in Venous Thromboembolism (VTE). <b>2021</b> , 74, 389-399	0
335	Network pharmacological evaluation of bioactive phytochemicals for identifying novel potential inhibitors against neurodegenerative disorder. <b>2021</b> , 1-12	4
334	The modulatory properties of treatment on endometrial cancer: an integrated pharmacological method. <b>2021</b> , 9, e11995	1
333	Survival-Based Biomarker Module Identification Associated with Oral Squamous Cell Carcinoma (OSCC). <b>2021</b> , 10,	1
332	Investigating the Mechanism of Herba in the Treatment of Colorectal Cancer by Network Pharmacology and Molecular Docking. <b>2021</b> , 2021, 3905367	2
331	Identification of key proteins in the signaling crossroads between wound healing and cancer hallmark phenotypes. <b>2021</b> , 11, 17245	0
330	Exploring the Mechanism of Action of Herbal Medicine ( Decoction) for Poststroke Depression Based on Network Pharmacology and Molecular Docking. <b>2021</b> , 2021, 2126967	0
329	IMMUNOLOGICAL INSIGHTS INTO THE THERAPEUTIC ROLES OF CD24Fc AGAINST SEVERE COVID-19. <b>2021</b> ,	1
328	Exploring the Biological Mechanism of Huang Yam in Treating Tumors and Preventing Antitumor Drug-Induced Cardiotoxicity Using Network Pharmacology and Molecular Docking Technology. <b>2021</b> , 2021, 9988650	1
327	Systematically integrative analysis identifies diagnostic and prognostic candidates and small-molecule drugs for lung adenocarcinoma.. <b>2021</b> , 10, 3619-3646	
326	Exploring the Molecular Mechanism of Liuwei Dihuang Pills for Treating Diabetic Nephropathy by Combined Network Pharmacology and Molecular Docking. <b>2021</b> , 2021, 7262208	0
325	Mechanisms and molecular targets of the Yu-Ping-Feng powder for allergic rhinitis, based on network pharmacology. <b>2021</b> , 100, e26929	0

324	Integration and gene co-expression network analysis of scRNA-seq transcriptomes reveal heterogeneity and key functional genes in human spermatogenesis. <b>2021</b> , 11, 19089	1
323	Single-cell RNA sequencing analysis to characterize cells and gene expression landscapes in atrial septal defect. <b>2021</b> , 25, 9660-9673	1
322	An Integrated Analysis of Network Pharmacology and Experimental Validation to Reveal the Mechanism of Chinese Medicine Formula Naotaifang in Treating Cerebral Ischemia-Reperfusion Injury. <b>2021</b> , 15, 3783-3808	1
321	A Network Pharmacology and Molecular Docking Strategy to Explore Potential Targets and Mechanisms Underlying the Effect of Curcumin on Osteonecrosis of the Femoral Head in Systemic Lupus Erythematosus. <b>2021</b> , 2021, 5538643	2
320	Analysis of potential genetic biomarkers and molecular mechanism of smoking-related postmenopausal osteoporosis using weighted gene co-expression network analysis and machine learning. <b>2021</b> , 16, e0257343	2
319	Fuxin Granules ameliorate diabetic nephropathy in db/db mice through TGF- $\beta$ /Smad and VEGF/VEGFR2 signaling pathways. <b>2021</b> , 141, 111806	4
318	Role of a high centrality residue in protein dynamics and thermal stability. <b>2021</b> , 213, 107773	
317	Potential mechanism of Ziyin Tongluo Formula in the treatment of postmenopausal osteoporosis: based on network pharmacology and ovariectomized rat model. <b>2021</b> , 16, 88	2
316	Integrating systematic pharmacology-based strategy and experimental validation to explore the synergistic pharmacological mechanisms of Guanxin V in treating ventricular remodeling. <b>2021</b> , 115, 105187	7
315	Integrating network pharmacology and experimental evidence to decipher the cardioprotective mechanism of Yiqihuoxue decoction in rats after myocardial infarction. <b>2021</b> , 279, 114062	3
314	Study on the Mechanism of Salvia miltiorrhiza in the Treatment of Traumatic Bone Defects. <b>2021</b> , 2021, 1-9	0
313	Synergistic anti-cancer action of salicylic acid and cisplatin on HeLa cells elucidated by network pharmacology and in vitro analysis. <b>2021</b> , 282, 119802	2
312	The structural change of the economy in the context of the bioeconomy. <b>2021</b> , 1, 100018	0
311	Impact of type 2 diabetes mellitus on the immunoregulatory characteristics of adipose tissue-derived mesenchymal stem cells. <b>2021</b> , 140, 106072	3
310	Insight into Shenqi Jiangtang Granule on the improved insulin sensitivity by integrating in silico and in vivo approaches. <b>2022</b> , 282, 114672	0
309	A Network Pharmacology Approach to Investigate the Underlying Mechanisms of Alpinia Katsumadai Hayata on Acne Vulgaris. <b>2021</b> , 251, 02060	0
308	Network pharmacology integrated molecular docking reveals the bioactive components and potential targets of Morinda officinalis-Lycium barbarum coupled-herbs against oligoasthenozoospermia. <b>2021</b> , 11, 2220	7
307	Protein interaction networks: centrality, modularity, dynamics, and applications. <b>2021</b> , 15, 1	5

306	From Complex Network to Skeleton: ( $\varvec{m}$ )-Modified Topology Potential for Node Importance Identification. <b>2018</b> , 413-427	3
305	Variant Analysis from Bacterial Isolates Affirms DnaK Crucial for Multidrug Resistance. <b>2020</b> , 237-248	2
304	Elucidation of the Mechanisms and Molecular Targets of Shuanglian Decoction for the Treatment of Hepatocellular Carcinoma Based on Network Pharmacology. <b>2021</b> , 6, 917-924	2
303	Stage specific classification of DEGs via statistical profiling and network analysis reveals potential biomarker associated with various stages of TB.	0
302	RNA Sequencing Uncovers Molecular Mechanisms Underlying Pathological Complete Response to Chemotherapy in Patients with Operable Breast Cancer. <b>2017</b> , 23, 4321-4327	9
301	Network Pharmacology-Based Pharmacological Mechanism of the Chinese Medicine Rhizoma drynariae Against Osteoporosis. <b>2019</b> , 25, 5700-5716	25
300	Bioinformatics Analysis for Multiple Gene Expression Profiles in Sepsis. <b>2020</b> , 26, e920818	10
299	Network Pharmacology Study of the Hepatoprotective Effects of Quercetin-Containing Traditional Chinese Medicine, Anoectochilus roxburghii, and Validation of Quercetin as an Anti-Liver Injury Agent in a Mouse Model of Liver Injury. <b>2020</b> , 26, e923533	4
298	Potential Molecular Mechanisms and Drugs for Aconitine-Induced Cardiotoxicity in Zebrafish through RNA Sequencing and Bioinformatics Analysis. <b>2020</b> , 26, e924092	1
297	A New Method for Identifying Essential Proteins Based on Network Topology Properties and Protein Complexes. <b>2016</b> , 11, e0161042	33
296	A new computational strategy for identifying essential proteins based on network topological properties and biological information. <b>2017</b> , 12, e0182031	12
295	Bioinformatics analysis of microarray data to explore the key genes involved in mutation-induced cataract. <b>2018</b> , 11, 910-917	6
294	Co-expression network analysis identified hub genes critical to triglyceride and free fatty acid metabolism as key regulators of age-related vascular dysfunction in mice. <b>2019</b> , 11, 7620-7638	48
293	CeRNA regulatory network-based analysis to study the roles of noncoding RNAs in the pathogenesis of intrahepatic cholangiocellular carcinoma. <b>2020</b> , 12, 1047-1086	16
292	Lycopene prevents carcinogen-induced cutaneous tumor by enhancing activation of the Nrf2 pathway through p62-triggered autophagic Keap1 degradation. <b>2020</b> , 12, 8167-8190	14
291	Integrated analysis of transcriptomic and metabolomic data demonstrates the significant role of pyruvate carboxylase in the progression of ovarian cancer. <b>2020</b> , 12, 21874-21889	4
290	Systematic analysis of molecular mechanisms for HCC metastasis via text mining approach. <b>2017</b> , 8, 13909-13916	6
289	CatbNet: A Multi Network Analyzer for Comparing and Analyzing the Topology of Biological Networks. <b>2019</b> , 20, 69-75	1

288	Identification of Critical Genes and Proteins for Stent Restenosis Induced by Esophageal Benign Hyperplasia in Esophageal Cancer. <b>2020</b> , 11, 563954	4
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