

Jing Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

95
papers

2,318
citations

236925

25
h-index

233421

45
g-index

98
all docs

98
docs citations

98
times ranked

3010
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated Metabolomics and Network Pharmacology Revealed Hong-Hua-Xiao-Yao Tablet's Effect of Mediating Hormone Synthesis in the Treatment of Mammary Gland Hyperplasia. <i>Frontiers in Pharmacology</i> , 2022, 13, 788019.	3.5	4
2	Integrated hepatic single-cell RNA sequencing and untargeted metabolomics reveals the immune and metabolic modulation of Qing-Fei-Pai-Du decoction in mice with coronavirus-induced pneumonia. <i>Phytomedicine</i> , 2022, 97, 153922.	5.3	13
3	VPS28 regulates brain vasculature by controlling neuronal VEGF trafficking through extracellular vesicle secretion. <i>IScience</i> , 2022, 25, 104042.	4.1	4
4	Serum proteomic analysis reveals the cardioprotective effects of Shexiang Baoxin Pill and Suxiao Jiuxin Pill in a rat model of acute myocardial infarction. <i>Journal of Ethnopharmacology</i> , 2022, 293, 115279.	4.1	8
5	LXA4 enhances prostate cancer progression by facilitating M2 macrophage polarization via inhibition of METTL3. <i>International Immunopharmacology</i> , 2022, 107, 108586.	3.8	12
6	The Association between Physical Activity and Cognitive Function: Data from the China Health and Nutrition Survey. <i>Behavioural Neurology</i> , 2022, 2022, 1-12.	2.1	2
7	A multiomics and network pharmacological study reveals the neuroprotective efficacy of Fu-Fang-Dan-Zhi tablets against glutamate-induced oxidative cell death. <i>Computers in Biology and Medicine</i> , 2022, 148, 105873.	7.0	8
8	MicroRNA-195 predicts olanzapine response in drug-free patients with schizophrenia: A prospective cohort study. <i>Journal of Psychopharmacology</i> , 2021, 35, 23-30.	4.0	3
9	Systems pharmacological study illustrates the immune regulation, anti-infection, anti-inflammation, and multi-organ protection mechanism of Qing-Fei-Pai-Du decoction in the treatment of COVID-19. <i>Phytomedicine</i> , 2021, 85, 153315.	5.3	100
10	Network Pharmacology and Modern Drug R&D Cases. , 2021, , 247-320.		0
11	LMO2 upregulation due to AR deactivation in cancer-associated fibroblasts induces non-cell-autonomous growth of prostate cancer after androgen deprivation. <i>Cancer Letters</i> , 2021, 503, 138-150.	7.2	9
12	FOXA1 promotes prostate cancer angiogenesis by inducing multiple pro-angiogenic factors expression. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021, 147, 3225-3243.	2.5	12
13	Inverse Association Between Iodine Status and Prevalence of Metabolic Syndrome: A Cross-Sectional Population-Based Study in a Chinese Moderate Iodine Intake Area. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2021, Volume 14, 3691-3701.	2.4	3
14	Peptidomic Analysis of Neonate Umbilical Cord Blood for the Identification of Endogenous Peptides Involved in Hypoxic-Ischemic Encephalopathy. <i>Frontiers in Pediatrics</i> , 2021, 9, 718704.	1.9	3
15	Natural Nano-Drug Delivery System in Coptidis Rhizoma Extract with Modified Berberine Hydrochloride Pharmacokinetics. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 6297-6311.	6.7	18
16	Exogenous sodium fumarate enhances astaxanthin accumulation in <i>Haematococcus pluvialis</i> by enhancing the respiratory metabolic pathway. <i>Bioresource Technology</i> , 2021, 341, 125788.	9.6	20
17	Formation and Growth Behavior Analysis of Slagging Rings in Rotary Kiln-Type Hazardous Waste Incineration Systems. <i>Energies</i> , 2021, 14, 7561.	3.1	2
18	Emerging Fatal Ib/CC12 Hypervirulent Multiresistant <i>Streptococcus agalactiae</i> in Young Infants With Bloodstream Infection in China. <i>Frontiers in Microbiology</i> , 2021, 12, 767803.	3.5	2

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19	Computational network biology: Data, models, and applications. <i>Physics Reports</i> , 2020, 846, 1-66.	25.6	126
20	RNA-binding protein Musashi2 stabilizing androgen receptor drives prostate cancer progression. <i>Cancer Science</i> , 2020, 111, 369-382.	3.9	28
21	Compound Dan Zhi tablet attenuates experimental ischemic stroke via inhibiting platelet activation and thrombus formation. <i>Phytomedicine</i> , 2020, 79, 153330.	5.3	15
22	Activation of the RhoA/ROCK pathway contributes to renal fibrosis in offspring rats induced by maternal exposure to di-n-butyl phthalate. <i>Toxicology</i> , 2020, 443, 152573.	4.2	8
23	Quality evaluation of <i>Salvia miltiorrhiza</i> from different geographical origins in China based on qualitative and quantitative saccharide mapping and chemometrics. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 191, 113583.	2.8	15
24	Network Pharmacology Integrated Molecular Docking Reveals the Mechanism of Anisodamine Hydrobromide Injection against Novel Coronavirus Pneumonia. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-11.	1.2	9
25	Loss of exosomal miR-146a-5p from cancer-associated fibroblasts after androgen deprivation therapy contributes to prostate cancer metastasis. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 282.	8.6	36
26	Exploring the mechanism of TCM formulae in the treatment of different types of coronary heart disease by network pharmacology and machining learning. <i>Pharmacological Research</i> , 2020, 159, 105034.	7.1	56
27	Sex difference in cognitive impairment in drug-free schizophrenia: Association with miR-195 levels. <i>Psychoneuroendocrinology</i> , 2020, 119, 104748.	2.7	16
28	Mechanoplastic Tribotronic Floating-gate Neuromorphic Transistor. <i>Advanced Functional Materials</i> , 2020, 30, 2002506.	14.9	103
29	SIRT7 depletion inhibits cell proliferation and androgen-induced autophagy by suppressing the AR signaling in prostate cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 28.	8.6	43
30	Clinical Implications of Peripheral CD3+CD69+ T-Cell And CD8+CD28+ T-Cell Proportions in Patients Prior to Radical Prostatectomy. <i>Urology Journal</i> , 2020, 17, 257-261.	0.4	1
31	The application of degree related clustering coefficient in estimating the link predictability and predicting missing links of networks. <i>Chaos</i> , 2019, 29, 053135.	2.5	5
32	Computational systems pharmacology reveals an antiplatelet and neuroprotective mechanism of Deng-Zhan-Xi-Xin injection in the treatment of ischemic stroke. <i>Pharmacological Research</i> , 2019, 147, 104365.	7.1	59
33	Graphene Synapses: Piezotronic Graphene Artificial Sensory Synapse (<i>Adv. Funct. Mater.</i> 41/2019). <i>Advanced Functional Materials</i> , 2019, 29, 1970286.	14.9	16
34	Network pharmacology-based identification for therapeutic mechanism of Ling-Gui-Zhu-Gan decoction in the metabolic syndrome induced by antipsychotic drugs. <i>Computers in Biology and Medicine</i> , 2019, 110, 1-7.	7.0	19
35	Systems Biology Analysis of the Effect and Mechanism of Qi-Jing-Sheng-Bai Granule on Leucopenia in Mice. <i>Frontiers in Pharmacology</i> , 2019, 10, 408.	3.5	13
36	Piezotronic Graphene Artificial Sensory Synapse. <i>Advanced Functional Materials</i> , 2019, 29, 1900959.	14.9	147

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37	A survey of web resources and tools for the study of TCM network pharmacology. <i>Quantitative Biology</i> , 2019, 7, 17-29.	0.5	21
38	A game-theoretic approach to optimize ad hoc networks inspired by small-world network topology. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2018, 494, 129-139.	2.6	8
39	A fault-tolerant small world topology control model in ad hoc networks for search and rescue. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2018, 382, 467-476.	2.1	4
40	The interaction of NOS1AP , DISC1 , DAOA , and GSK3B confers susceptibility of early-onset schizophrenia in Chinese Han population. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2018, 81, 187-193.	4.8	14
41	Differentially expressed genes in PPAR β -deficient MSCs. <i>Molecular and Cellular Endocrinology</i> , 2018, 471, 97-104.	3.2	6
42	Strategy for Modern Research of Traditional Chinese Medicine Formulae. , 2018, , 3-18.		2
43	The roles of the TLR/NF κ B signaling pathway in the mutual interactions between the lung and the large intestine. <i>Molecular Medicine Reports</i> , 2018, 18, 1387-1394.	2.4	4
44	Network Pharmacology Study of the Shexiang Baoxin Pill. , 2018, , 255-357.		0
45	Network Pharmacology in the Study of TCM Formulae. , 2018, , 69-95.		1
46	Network evolution model for supply chain with manufactures as the core. <i>PLoS ONE</i> , 2018, 13, e0191180.	2.5	12
47	The gene expression profiles in response to 102 traditional Chinese medicine (TCM) components: a general template for research on TCMS. <i>Scientific Reports</i> , 2017, 7, 352.	3.3	102
48	A network-based method for mechanistic investigation of Shexiang Baoxin Pill's treatment of cardiovascular diseases. <i>Scientific Reports</i> , 2017, 7, 43632.	3.3	74
49	The integration of weighted human gene association networks based on link prediction. <i>BMC Systems Biology</i> , 2017, 11, 12.	3.0	5
50	Treatment of Human B-Cell Lymphomas Using Minicircle DNA Vector Expressing Anti-CD3/CD20 in a Mouse Model. <i>Human Gene Therapy</i> , 2017, 28, 216-225.	2.7	24
51	Traditional Chinese medicine integrated with chemotherapy for stage IV non-surgical gastric cancer: a retrospective clinical analysis. <i>Journal of Integrative Medicine</i> , 2017, 15, 469-475.	3.1	42
52	Systems Study on the Antirheumatic Mechanism of Tibetan Medicated-Bath Therapy Using Wuwei-Ganlu-Yaoyu-Keli. <i>BioMed Research International</i> , 2017, 2017, 1-10.	1.9	5
53	The integration of weighted gene association networks based on information entropy. <i>PLoS ONE</i> , 2017, 12, e0190029.	2.5	6
54	Gene gravity-like algorithm for disease gene prediction based on phenotype-specific network. <i>BMC Systems Biology</i> , 2017, 11, 121.	3.0	11

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55	Network based study for the anti-rheumatic mechanism of Tibetan medicated-bath therapy. , 2016, , .		0
56	Decomposition Temperature of Cold Seep Carbonate and its Relationship with Delta Carbonate. Acta Geologica Sinica, 2016, 90, 2271-2272.	1.4	0
57	Self-assembled dual-modality contrast agents for non-invasive stem cell tracking via near-infrared fluorescence and magnetic resonance imaging. Journal of Colloid and Interface Science, 2016, 478, 217-226.	9.4	13
58	TMPRSS2:ERG fusion gene occurs less frequently in Chinese patients with prostate cancer. Tumor Biology, 2016, 37, 12397-12402.	1.8	13
59	Network-based study on the relationship between arms exports and foreign policies. Physica A: Statistical Mechanics and Its Applications, 2016, 444, 194-204.	2.6	1
60	Case Report. Medicine (United States), 2016, 95, e2415.	1.0	8
61	Effect of group cognitive-behavioral therapy on the quality of life and social functioning of patients with mild depression. Shanghai Archives of Psychiatry, 2016, 28, 18-27.	0.7	5
62	Prediction of Links and Weights in Networks by Reliable Routes. Scientific Reports, 2015, 5, 12261.	3.3	79
63	Analysis of Cynandione A€™s Anti-Ischemic Stroke Effects from Pathways and Protein-Protein Interactome. PLoS ONE, 2015, 10, e0124632.	2.5	4
64	Astragaloside IV Attenuates Glutamate-Induced Neurotoxicity in PC12 Cells through Raf-MEK-ERK Pathway. PLoS ONE, 2015, 10, e0126603.	2.5	20
65	Association of schizophrenia with the rs821633 polymorphism in the DISC1 gene among Han Chinese. Shanghai Archives of Psychiatry, 2015, 27, 348-55.	0.7	0
66	Topological Structure of Urban Street Networks from the Perspective of Degree Correlations. Environment and Planning B: Planning and Design, 2014, 41, 813-828.	1.7	26
67	Finite Element Analysis and Experimental Test of a High Efficiency Voice Coil Motor with Halbach Array Permanent Magnets. Applied Mechanics and Materials, 2014, 494-495, 1354-1357.	0.2	0
68	Degree-adjusted algorithm for prioritisation of candidate disease genes from gene expression and protein interactome. IET Systems Biology, 2014, 8, 41-46.	1.5	1
69	Towards a bioinformatics analysis of anti-Alzheimer's herbal medicines from a target network perspective. Briefings in Bioinformatics, 2013, 14, 327-343.	6.5	28
70	Anti-rheumatic effects of Tripterygium wilfordii Hook F in a network perspective. , 2013, , .		0
71	Bioinformatics Analysis for the Antirheumatic Effects of Huang-Lian-Jie-Du-Tang from a Network Perspective. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-11.	1.2	23
72	The Network Organization of Cancer-associated Protein Complexes in Human Tissues. Scientific Reports, 2013, 3, 1583.	3.3	37

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73	Valeriana jatamansi Constituent IVHD-valtrate As a Novel Therapeutic Agent to Human Ovarian Cancer: in vitro and in vivo Activities and Mechanisms. <i>Current Cancer Drug Targets</i> , 2013, 13, 472-483.	1.6	25
74	A comparison of three weighted human gene functional association networks. , 2012, , .		1
75	Therapeutic Effects of Astragaloside IV on Myocardial Injuries: Multi-Target Identification and Network Analysis. <i>PLoS ONE</i> , 2012, 7, e44938.	2.5	62
76	Identification of Molecular Target Proteins in Berberine-treated Cervix Adenocarcinoma HeLa Cells by Proteomic and Bioinformatic Analyses. <i>Phytotherapy Research</i> , 2012, 26, 646-656.	5.8	16
77	Insights into the pathogenesis of axial spondyloarthritis from network and pathway analysis. <i>BMC Systems Biology</i> , 2012, 6, S4.	3.0	9
78	Pathogenesis of axial spondyloarthritis in a network perspective. , 2011, , .		0
79	The inhibitory activities of the components of Huang-Lian-Jie-Du-Tang (HLJDT) on eicosanoid generation via lipoxygenase pathway. <i>Journal of Ethnopharmacology</i> , 2011, 135, 561-568.	4.1	52
80	Ranking Candidate Disease Genes from Gene Expression and Protein Interaction: A Katz-Centrality Based Approach. <i>PLoS ONE</i> , 2011, 6, e24306.	2.5	70
81	Simulation of Novel NEMS Contact Switch Using MRTD with Alterable Steps. <i>Journal of Nanotechnology</i> , 2010, 2010, 1-4.	3.4	4
82	Molecular networks for the study of TCM Pharmacology. <i>Briefings in Bioinformatics</i> , 2010, 11, 417-430.	6.5	186
83	Reconstruction and Analysis of Human Liver-Specific Metabolic Network Based on CNHLPP Data. <i>Journal of Proteome Research</i> , 2010, 9, 1648-1658.	3.7	15
84	Tree of Life Based on Genome Context Networks. <i>PLoS ONE</i> , 2008, 3, e3357.	2.5	26
85	The effects of degree correlations on network topologies and robustness. <i>Chinese Physics B</i> , 2007, 16, 3571-3580.	1.3	17
86	Exploring the assortativity-clustering space of a network's degree sequence. <i>Physical Review E</i> , 2007, 75, 046111.	2.1	58
87	Comparative Analysis of Two-component Signal Transduction System in Two Streptomyces Genomes. <i>Acta Biochimica Et Biophysica Sinica</i> , 2007, 39, 317-325.	2.0	6
88	Modular co-evolution of metabolic networks. <i>BMC Bioinformatics</i> , 2007, 8, 311.	2.6	56
89	Bow-tie topological features of metabolic networks and the functional significance. <i>Science Bulletin</i> , 2007, 52, 1036-1045.	1.7	19
90	Complex networks theory for analyzing metabolic networks. <i>Science Bulletin</i> , 2006, 51, 1529-1537.	1.7	44

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91	Hierarchical modularity of nested bow-ties in metabolic networks. BMC Bioinformatics, 2006, 7, 386.	2.6	103
92	Recognition of Gene Acceptor Site Based on Multi-objective Optimization. Acta Biochimica Et Biophysica Sinica, 2005, 37, 435-439.	2.0	4
93	Protein Secondary Structure Prediction Using Dynamic Programming. Acta Biochimica Et Biophysica Sinica, 2005, 37, 167-172.	2.0	3
94	TRAINING ALGORITHM OF ONE FEEDFORWARD WAVELET NEURAL NETWORK. , 2004, , .		0
95	3D representation of acupoints based on the Visible Human. , 0, , .		2