Qiong Zhang

List of Publications by Year
in descending order

75 papers	5,824 citations	159585 30 h-index	85541 71 g-index
76 all docs	76 docs citations	76 times ranked	7762 citing authors

#	Article	IF	Citations
1	GSCALite: a web server for gene set cancer analysis. Bioinformatics, 2018, 34, 3771-3772.	4.1	671
2	The Influence of Mechanical and Thermal Forcing by the Tibetan Plateau on Asian Climate. Journal of Hydrometeorology, 2007, 8, 770-789.	1.9	611
3	Enhanced CO2 fixation and biofuel production via microalgae: recent developments and future directions. Trends in Biotechnology, 2010, 28, 371-380.	9.3	599
4	AnimalTFDB 3.0: a comprehensive resource for annotation and prediction of animal transcription factors. Nucleic Acids Research, 2019, 47, D33-D38.	14.5	592
5	ImmuCellAI: A Unique Method for Comprehensive Tâ€Cell Subsets Abundance Prediction and its Application in Cancer Immunotherapy. Advanced Science, 2020, 7, 1902880.	11.2	558
6	EVmiRNA: a database of miRNA profiling in extracellular vesicles. Nucleic Acids Research, 2019, 47, D89-D93.	14.5	209
7	hTFtarget: A Comprehensive Database for Regulations of Human Transcription Factors and Their Targets. Genomics, Proteomics and Bioinformatics, 2020, 18, 120-128.	6.9	201
8	lncRNASNP2: an updated database of functional SNPs and mutations in human and mouse lncRNAs. Nucleic Acids Research, 2018, 46, D276-D280.	14.5	199
9	Near-Infrared Photochromic Diarylethene Iridium (III) Complex. Organic Letters, 2009, 11, 161-164.	4.6	158
10	New proofs of the recent climate warming over the Tibetan Plateau as a result of the increasing greenhouse gases emissions. Science Bulletin, 2006, 51, 1396-1400.	1.7	151
11	Expression profile of immune checkpoint genes and their roles in predicting immunotherapy response. Briefings in Bioinformatics, 2021, 22, .	6.5	147
12	A near-infrared fluorescent probe for rapid, colorimetric and ratiometric detection of bisulfite in food, serum, and living cells. Sensors and Actuators B: Chemical, 2015, 211, 377-384.	7.8	115
13	miRNASNP-v3: a comprehensive database for SNPs and disease-related variations in miRNAs and miRNA targets. Nucleic Acids Research, 2021, 49, D1276-D1281.	14.5	80
14	Site-specific labeling of proteins with NMR-active unnatural amino acids. Journal of Biomolecular NMR, 2010, 46, 89-100.	2.8	76
15	Cell Fate Determination Factor Dachshund Reprograms Breast Cancer Stem Cell Function. Journal of Biological Chemistry, 2011, 286, 2132-2142.	3.4	74
16	Extracellular vesicles deposit *PCNA* to rejuvenate aged bone marrowâ€"derived mesenchymal stem cells and slow age-related degeneration. Science Translational Medicine, 2021, 13, .	12.4	65
17	P38/MAPK contributes to endothelial barrier dysfunction via MAP4 phosphorylation-dependent microtubule disassembly in inflammation-induced acute lung injury. Scientific Reports, 2015, 5, 8895.	3.3	64
18	Modulation of iridium(iii) phosphorescence via photochromic ligands: a density functional theory study. Physical Chemistry Chemical Physics, 2010, 12, 13730.	2.8	60

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19	Transcription factor and miRNA co-regulatory network reveals shared and specific regulators in the development of B cell and T cell. Scientific Reports, 2015, 5, 15215.	3.3	60
20	Genetic Engineering of Caulobacter crescentus for Removal of Cadmium from Water. Applied Biochemistry and Biotechnology, 2010, 160, 232-243.	2.9	59
21	Multinutrient undernutrition dysregulates the resident macrophage proinflammatory cytokine network, nuclear factor-κB activation, and nitric oxide production. Journal of Leukocyte Biology, 2003, 74, 982-991.	3.3	48
22	Working Mechanism for a Redox Switchable Molecular Machine Based on Cyclodextrin: A Free Energy Profile Approach. Journal of Physical Chemistry B, 2010, 114, 6561-6566.	2.6	46
23	Clinical Manifestations and Management of Acute Thallium Poisoning. European Neurology, 2008, 60, 292-297.	1.4	45
24	Landscape of cancer diagnostic biomarkers from specifically expressed genes. Briefings in Bioinformatics, 2020, 21, 2175-2184.	6.5	41
25	A molecular dynamics study of the thermal response of crystalline cellulose Iβ. Cellulose, 2011, 18, 207-221.	4.9	39
26	SNP2APA: a database for evaluating effects of genetic variants on alternative polyadenylation in human cancers. Nucleic Acids Research, 2020, 48, D226-D232.	14.5	37
27	lncRInter: A database of experimentally validated long non-coding RNA interaction. Journal of Genetics and Genomics, 2017, 44, 265-268.	3.9	35
28	Regulatory networks in mechanotransduction reveal key genes in promoting cancer cell stemness and proliferation. Oncogene, 2019, 38, 6818-6834.	5.9	34
29	Transcriptome and Regulatory Network Analyses of CD19-CAR-T Immunotherapy for B-ALL. Genomics, Proteomics and Bioinformatics, 2019, 17, 190-200.	6.9	33
30	An integrative multi-omics approach uncovers the regulatory role of CDK7 and CDK4 in autophagy activation induced by silica nanoparticles. Autophagy, 2021, 17, 1426-1447.	9.1	33
31	A supramolecular photoswitch constructed by intermolecular hydrogen bond between BTEPy and TTF–COOH. Chemical Physics Letters, 2008, 455, 256-260.	2.6	31
32	Cognitive efficiency is associated with endogenous cytokine levels in patients with chronic hepatitis C. Journal of Neuroimmunology, 2010, 221, 53-61.	2.3	31
33	The Galvanotactic Migration of Keratinocytes is Enhanced by Hypoxic Preconditioning. Scientific Reports, 2015, 5, 10289.	3.3	31
34	Mast cell mediated inflammatory response in chickens after infection with very virulent infectious bursal disease virus. Veterinary Immunology and Immunopathology, 2008, 124, 19-28.	1.2	30
35	The Smart Architect: Scalable Ontology-Based Modeling of Ancient Chinese Architectures. IEEE Intelligent Systems, 2008, 23, 49-56.	4.0	30
36	Electric Field Poled Polymeric Nonlinear Optical Systems:‰ Molecular Dynamics Simulations of Poly(methyl methacrylate) Doped with Disperse Red Chromophores. Journal of Physical Chemistry B, 2007, 111, 3591-3598.	2.6	27

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37	EVAtlas: a comprehensive database for ncRNA expression in human extracellular vesicles. Nucleic Acids Research, 2022, 50, D111-D117.	14.5	27
38	Neural mechanisms of auditory sensory processing in children with high intelligence. NeuroReport, 2007, 18, 1571-1575.	1.2	25
39	A synthetic tuber-specific and cold-induced promoter is applicable in controlling potato cold-induced sweetening. Plant Physiology and Biochemistry, 2013, 67, 41-47.	5.8	22
40	Identification of STAB1 in Multiple Datasets as a Prognostic Factor for Cytogenetically Normal AML: Mechanism and Drug Indications. Molecular Therapy - Nucleic Acids, 2019, 18, 476-484.	5.1	22
41	CBX2 and EZH2 cooperatively promote the growth and metastasis of lung adenocarcinoma. Molecular Therapy - Nucleic Acids, 2022, 27, 670-684.	5.1	22
42	SEGtool: a specifically expressed gene detection tool and applications in human tissue and single-cell sequencing data. Briefings in Bioinformatics, 2018, 19, 1325-1336.	6.5	20
43	Differential Co-expression and Regulatory Network Analysis Uncover the Relapse Factor and Mechanism of T Cell Acute Leukemia. Molecular Therapy - Nucleic Acids, 2018, 12, 184-194.	5.1	20
44	GEDS: A Gene Expression Display Server for mRNAs, miRNAs and Proteins. Cells, 2019, 8, 675.	4.1	20
45	Time serial transcriptome reveals <i>Cyp2c29</i> as a key gene in hepatocellular carcinoma development. Cancer Biology and Medicine, 2020, 17, 401-417.	3.0	20
46	Human herpesvirus-8 in northwestern China: epidemiology and characterization among blood donors. Virology Journal, 2010, 7, 62.	3.4	19
47	Gene expression, regulation of DEN and HBx induced HCC mice models and comparisons of tumor, para-tumor and normal tissues. BMC Cancer, 2017, 17, 862.	2.6	19
48	FFLtool: a web server for transcription factor and miRNA feed forward loop analysis in human. Bioinformatics, 2020, 36, 2605-2607.	4.1	19
49	SEGreg: a database for human specifically expressed genes and their regulations in cancer and normal tissue. Briefings in Bioinformatics, 2019, 20, 1322-1328.	6.5	18
50	Microtubular stability affects cardiomyocyte glycolysis by HIF-1α expression and endonuclear aggregation during early stages of hypoxia. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 298, H1919-H1931.	3.2	17
51	Transcriptome profiling reveals the anti-diabetic molecular mechanism of Cyclocarya paliurus polysaccharides. Journal of Functional Foods, 2019, 55, 1-8.	3.4	17
52	An idealized study of the impact of extratropical climate change on El Niño–Southern Oscillation. Climate Dynamics, 2005, 25, 869-880.	3.8	15
53	Genomic landscape and mutational impacts of recurrently mutated genes in cancers. Molecular Genetics & Genomic Medicine, 2018, 6, 910-923.	1.2	15
54	A Novel Congestion Detection Scheme in TCP Over OBS Networks. Journal of Lightwave Technology, 2009, 27, 386-395.	4.6	14

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55	A novel implementation of TCP Vegas for optical burst switched networks. Optical Switching and Networking, 2010, 7, 115-126.	2.0	13
56	An ultra-sensitive T-cell receptor detection method for TCR-Seq and RNA-Seq data. Bioinformatics, 2020, 36, 4255-4262.	4.1	13
57	Integrating Transcriptome and Experiments Reveals the Anti-diabetic Mechanism of Cyclocarya paliurus Formula. Molecular Therapy - Nucleic Acids, 2018, 13, 419-430.	5.1	12
58	A 6-Membrane Protein Gene score for prognostic prediction of cytogenetically normal acute myeloid leukemia in multiple cohorts. Journal of Cancer, 2020, 11, 251-259.	2.5	12
59	Systematic Transcriptome and Regulatory Network Analyses Reveal the Hypoglycemic Mechanism of Dendrobium fimbriatum. Molecular Therapy - Nucleic Acids, 2020, 19, 1-14.	5.1	11
60	Genome-Wide DNA Methylation Enhances Stemness in the Mechanical Selection of Tumor-Repopulating Cells. Frontiers in Bioengineering and Biotechnology, 2020, 8, 88.	4.1	10
61	Molecular Dynamics Simulations of Polycarbonate Doped with Lemke Chromophores. Journal of Physical Chemistry B, 2007, 111, 10645-10650.	2.6	9
62	Effect of external phosphate addition on solid-phase iron distribution and iron accumulation in Mangrove Kandelia obovata (S. L.). Environmental Science and Pollution Research, 2015, 22, 13506-13513.	5.3	9
63	Investigating the Molecular Mechanism of Aqueous Extract of Cyclocarya paliurus on Ameliorating Diabetes by Transcriptome Profiling. Frontiers in Pharmacology, 2018, 9, 912.	3.5	9
64	Effect of task complexity on intelligence and neural efficiency in children: an event-related potential study. NeuroReport, 2007, 18, 1599-1602.	1.2	8
65	A comprehensive survey for human transcription factors on expression, regulation, interaction, phenotype and cancer survival. Briefings in Bioinformatics, 2021, 22, .	6.5	8
66	Regulatory network analysis reveals the oncogenesis roles of feed-forward loops and therapeutic target in T-cell acute lymphoblastic leukemia. BMC Medical Genomics, 2019, 12, 8.	1.5	7
67	CCLA: an accurate method and web server for cancer cell line authentication using gene expression profiles. Briefings in Bioinformatics, 2021, 22, .	6.5	6
68	Molecular dynamics simulations of local field factors. Journal of Chemical Physics, 2007, 127, 014501.	3.0	4
69	An event-related brain potential study of children's conservation. Neuroscience Letters, 2008, 431, 17-20.	2.1	4
70	Thrombolytic and Antiplatelet Effects of a Novel Plasminogen Activator from the Venom of <i>Gloydius Brevicaudus</i> Viper. Journal of Atherosclerosis and Thrombosis, 2015, 22, 1080-1090.	2.0	4
71	Hypothalamic long noncoding RNA AK044061 is involved in the development of dietary obesity in mice. International Journal of Obesity, 2021, 45, 2638-2647.	3.4	4
72	A miR-9-5p/FOXO1/CPEB3 Feed-Forward Loop Drives the Progression of Hepatocellular Carcinoma. Cells, 2022, 11, 2116.	4.1	4

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73	A comprehensive platelet expression atlas (PEA) resource and platelet transcriptome landscape. American Journal of Hematology, 2022, 97, E18.	4.1	3
74	Characterization of a New Gene wx2 in Toxoplasma gondii. Acta Biochimica Et Biophysica Sinica, 2007, 39, 475-483.	2.0	2
75	Abstract LB168: Platelet RNA signature enables early and accurate detection of ovarian cancer: An intercontinental, biomarker identification study. Cancer Research, 2022, 82, LB168-LB168.	0.9	1