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	EVAtlas: a comprehensive database for ncRNA expression in human extracellular vesicles. Nucleic Acids Research, 2022, 50, D111-D117.	14.5	27
2	A comprehensive platelet expression atlas (PEA) resource and platelet transcriptome landscape. American Journal of Hematology, 2022, 97, E18.	4.1	3
3	CBX2 and EZH2 cooperatively promote the growth and metastasis of lung adenocarcinoma. Molecular Therapy - Nucleic Acids, 2022, 27, 670-684.	5.1	22
4	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
5	A miR-9-5p/FOXO1/CPEB3 Feed-Forward Loop Drives the Progression of Hepatocellular Carcinoma. Cells, 2022, 11, 2116.	4.1	4
6	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
7	CCLA: an accurate method and web server for cancer cell line authentication using gene expression profiles. Briefings in Bioinformatics, 2021, 22, .	6.5	6
8	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
9	Expression profile of immune checkpoint genes and their roles in predicting immunotherapy response. Briefings in Bioinformatics, 2021, 22, .	6.5	147
10	A comprehensive survey for human transcription factors on expression, regulation, interaction, phenotype and cancer survival. Briefings in Bioinformatics, 2021, 22, .	6.5	8
11	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
12	Extracellular vesicles deposit *PCNA* to rejuvenate aged bone marrow–derived mesenchymal stem cells and slow age-related degeneration. Science Translational Medicine, 2021, 13, .	12.4	65
13	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
14	Landscape of cancer diagnostic biomarkers from specifically expressed genes. Briefings in Bioinformatics, 2020, 21, 2175-2184.	6.5	41
15	FFLtool: a web server for transcription factor and miRNA feed forward loop analysis in human. Bioinformatics, 2020, 36, 2605-2607.	4.1	19
16	Systematic Transcriptome and Regulatory Network Analyses Reveal the Hypoglycemic Mechanism of Dendrobium fimbriatum. Molecular Therapy - Nucleic Acids, 2020, 19, 1-14.	5.1	11
17	hTFtarget: A Comprehensive Database for Regulations of Human Transcription Factors and Their Targets. Genomics, Proteomics and Bioinformatics, 2020, 18, 120-128.	6.9	201
18	An ultra-sensitive T-cell receptor detection method for TCR-Seq and RNA-Seq data. Bioinformatics, 2020, 36, 4255-4262.	4.1	13

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19	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
20	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
21	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
22	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
23	Regulatory networks in mechanotransduction reveal key genes in promoting cancer cell stemness and proliferation. Oncogene, 2019, 38, 6818-6834.	5.9	34
24	GEDS: A Gene Expression Display Server for mRNAs, miRNAs and Proteins. Cells, 2019, 8, 675.	4.1	20
25	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
26	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
27	Transcriptome and Regulatory Network Analyses of CD19-CAR-T Immunotherapy for B-ALL. Genomics, Proteomics and Bioinformatics, 2019, 17, 190-200.	6.9	33
28	Transcriptome profiling reveals the anti-diabetic molecular mechanism of Cyclocarya paliurus polysaccharides. Journal of Functional Foods, 2019, 55, 1-8.	3.4	17
29	AnimalTFDB 3.0: a comprehensive resource for annotation and prediction of animal transcription factors. Nucleic Acids Research, 2019, 47, D33-D38.	14.5	592
30	EVmiRNA: a database of miRNA profiling in extracellular vesicles. Nucleic Acids Research, 2019, 47, D89-D93.	14.5	209
31	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
32	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
33	lncRNASNP2: an updated database of functional SNPs and mutations in human and mouse lncRNAs. Nucleic Acids Research, 2018, 46, D276-D280.	14.5	199
34	Integrating Transcriptome and Experiments Reveals the Anti-diabetic Mechanism of Cyclocarya paliurus Formula. Molecular Therapy - Nucleic Acids, 2018, 13, 419-430.	5.1	12
35	GSCALite: a web server for gene set cancer analysis. Bioinformatics, 2018, 34, 3771-3772.	4.1	671
36	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

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37	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
38	Genomic landscape and mutational impacts of recurrently mutated genes in cancers. Molecular Genetics & Genomic Medicine, 2018, 6, 910-923.	1.2	15
39	lncRInter: A database of experimentally validated long non-coding RNA interaction. Journal of Genetics and Genomics, 2017, 44, 265-268.	3.9	35
40	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
41	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
42	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
43	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
44	The Galvanotactic Migration of Keratinocytes is Enhanced by Hypoxic Preconditioning. Scientific Reports, 2015, 5, 10289.	3.3	31
45	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
46	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
47	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
48	A molecular dynamics study of the thermal response of crystalline cellulose Iβ. Cellulose, 2011, 18, 207-221.	4.9	39
49	Cell Fate Determination Factor Dachshund Reprograms Breast Cancer Stem Cell Function. Journal of Biological Chemistry, 2011, 286, 2132-2142.	3.4	74
50	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
51	Genetic Engineering of Caulobacter crescentus for Removal of Cadmium from Water. Applied Biochemistry and Biotechnology, 2010, 160, 232-243.	2.9	59
52	Site-specific labeling of proteins with NMR-active unnatural amino acids. Journal of Biomolecular NMR, 2010, 46, 89-100.	2.8	76
53	Cognitive efficiency is associated with endogenous cytokine levels in patients with chronic hepatitis C. Journal of Neuroimmunology, 2010, 221, 53-61.	2.3	31
54	Enhanced CO2 fixation and biofuel production via microalgae: recent developments and future directions. Trends in Biotechnology, 2010, 28, 371-380.	9.3	599

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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	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
57	Human herpesvirus-8 in northwestern China: epidemiology and characterization among blood donors. Virology Journal, 2010, 7, 62.	3.4	19
58	Modulation of iridium(iii) phosphorescence via photochromic ligands: a density functional theory study. Physical Chemistry Chemical Physics, 2010, 12, 13730.	2.8	60
59	Near-Infrared Photochromic Diarylethene Iridium (III) Complex. Organic Letters, 2009, 11, 161-164.	4.6	158
60	A Novel Congestion Detection Scheme in TCP Over OBS Networks. Journal of Lightwave Technology, 2009, 27, 386-395.	4.6	14
61	A supramolecular photoswitch constructed by intermolecular hydrogen bond between BTEPy and TTFâ€"COOH. Chemical Physics Letters, 2008, 455, 256-260.	2.6	31
62	An event-related brain potential study of children's conservation. Neuroscience Letters, 2008, 431, 17-20.	2.1	4
63	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
64	The Smart Architect: Scalable Ontology-Based Modeling of Ancient Chinese Architectures. IEEE Intelligent Systems, 2008, 23, 49-56.	4.0	30
65	Clinical Manifestations and Management of Acute Thallium Poisoning. European Neurology, 2008, 60, 292-297.	1.4	45
66	The Influence of Mechanical and Thermal Forcing by the Tibetan Plateau on Asian Climate. Journal of Hydrometeorology, 2007, 8, 770-789.	1.9	611
67	Molecular dynamics simulations of local field factors. Journal of Chemical Physics, 2007, 127, 014501.	3.0	4
68	Neural mechanisms of auditory sensory processing in children with high intelligence. NeuroReport, 2007, 18, 1571-1575.	1.2	25
69	Effect of task complexity on intelligence and neural efficiency in children: an event-related potential study. NeuroReport, 2007, 18, 1599-1602.	1.2	8
70	Molecular Dynamics Simulations of Polycarbonate Doped with Lemke Chromophores. Journal of Physical Chemistry B, 2007, 111, 10645-10650.	2.6	9
71	Electric Field Poled Polymeric Nonlinear Optical Systems:â€‰ Molecular Dynamics Simulations of Poly(methyl methacrylate) Doped with Disperse Red Chromophores. Journal of Physical Chemistry B, 2007, 111, 3591-3598.	2.6	27
72	Characterization of a New Gene wx2 in Toxoplasma gondii. Acta Biochimica Et Biophysica Sinica, 2007, 39, 475-483.	2.0	2

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73	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
74	An idealized study of the impact of extratropical climate change on El NiÃ±oâ€"Southern Oscillation. Climate Dynamics, 2005, 25, 869-880.	3.8	15
75	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