

Tong Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

2,389
citations

236925

25
h-index

223800

46
g-index

64
all docs

64
docs citations

64
times ranked

3753
citing authors

#	ARTICLE	IF	CITATIONS
1	HIV Protein Tat Induces Macrophage Dysfunction and Atherosclerosis Development in Low-Density Lipoprotein Receptor-Deficient Mice. <i>Cardiovascular Drugs and Therapy</i> , 2022, 36, 201-215.	2.6	7
2	RNA Modification Signature of Peripheral Blood as a Potential Diagnostic Marker for Pulmonary Hypertension. <i>Hypertension</i> , 2022, 79, HYPERTENSIONAHA12118724.	2.7	1
3	An engineered nano-liposome-human ACE2 decoy neutralizes SARS-CoV-2 Spike protein-induced inflammation in both murine and human macrophages. <i>Theranostics</i> , 2022, 12, 2639-2657.	10.0	19
4	Exploring the expanding universe of small RNAs. <i>Nature Cell Biology</i> , 2022, 24, 415-423.	10.3	65
5	Ablation of the miR-465 Cluster Causes a Skewed Sex Ratio in Mice. <i>Frontiers in Endocrinology</i> , 2022, 13, .	3.5	4
6	The potential of using blood circular RNA as liquid biopsy biomarker for human diseases. <i>Protein and Cell</i> , 2021, 12, 911-946.	11.0	101
7	MicroRNA and protein-coding gene expression analysis in idiopathic pulmonary fibrosis yields novel biomarker signatures associated to survival. <i>Translational Research</i> , 2021, 228, 1-12.	5.0	6
8	IL-18 mediates sickle cell cardiomyopathy and ventricular arrhythmias. <i>Blood</i> , 2021, 137, 1208-1218.	1.4	22
9	The Evolution of G-quadruplex Structure in mRNA Untranslated Region. <i>Evolutionary Bioinformatics</i> , 2021, 17, 117693432110351.	1.2	6
10	<i>In silico</i> -determined compound from the root of <i>Pueraria lobate</i> alleviates synaptic plasticity injury induced by Alzheimer's disease <i>via</i> the p38MAPK-CREB signaling pathway. <i>Food and Function</i> , 2021, 12, 1039-1050.	4.6	4
11	Divergent and Overlapping Roles for Selected Phytochemicals in the Regulation of Pathological Cardiac Hypertrophy. <i>Molecules</i> , 2021, 26, 1210.	3.8	8
12	Cooperation-based sperm clusters mediate sperm oviduct entry and fertilization. <i>Protein and Cell</i> , 2021, 12, 810-817.	11.0	14
13	Far-infrared rays enhance mitochondrial biogenesis and <i>GLUT3</i> expression under low glucose conditions in rat skeletal muscle cells. <i>Korean Journal of Physiology and Pharmacology</i> , 2021, 25, 167-175.	1.2	2
14	Transcriptomic insight into the translational value of two murine models in human atopic dermatitis. <i>Scientific Reports</i> , 2021, 11, 6616.	3.3	3
15	PANDORA-seq expands the repertoire of regulatory small RNAs by overcoming RNA modifications. <i>Nature Cell Biology</i> , 2021, 23, 424-436.	10.3	115
16	AQUARIUM: accurate quantification of circular isoforms using model-based strategy. <i>Bioinformatics</i> , 2021, 37, 4879-4881.	4.1	2
17	Emerging Biomarkers and Therapeutic Strategies for Refractory Bullous Pemphigoid. <i>Frontiers in Immunology</i> , 2021, 12, 718073.	4.8	8
18	Origins and evolving functionalities of tRNA-derived small RNAs. <i>Trends in Biochemical Sciences</i> , 2021, 46, 790-804.	7.5	81

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19	S1PR1-Associated Molecular Signature Predicts Survival in Patients with Sepsis. <i>Shock</i> , 2020, 53, 284-292.	2.1	13
20	Expression of Alpha-type Platelet-derived Growth Factor Receptorâ€“influenced Genes Predicts Clinical Outcome in Glioma. <i>Translational Oncology</i> , 2020, 13, 233-240.	3.7	4
21	Peripheral blood non-canonical small non-coding RNAs as novel biomarkers in lung cancer. <i>Molecular Cancer</i> , 2020, 19, 159.	19.2	36
22	Small RNA modifications in Alzheimer's disease. <i>Neurobiology of Disease</i> , 2020, 145, 105058.	4.4	40
23	Denosing Autoencoder, A Deep Learning Algorithm, Aids the Identification of A Novel Molecular Signature of Lung Adenocarcinoma. <i>Genomics, Proteomics and Bioinformatics</i> , 2020, 18, 468-480.	6.9	18
24	Myeloid-specific deficiency of pregnane X receptor decreases atherosclerosis in LDL receptor-deficient mice. <i>Journal of Lipid Research</i> , 2020, 61, 696-706.	4.2	18
25	Emodin and emodin-rich rhubarb inhibits histone deacetylase (HDAC) activity and cardiac myocyte hypertrophy. <i>Journal of Nutritional Biochemistry</i> , 2020, 79, 108339.	4.2	25
26	Small non-coding RNAs as epigenetic regulators. , 2019, , 37-47.		0
27	Prediction of itching diagnostic marker through RNA sequencing of contact hypersensitivity and skin scratching stimulation mice models. <i>Korean Journal of Physiology and Pharmacology</i> , 2019, 23, 151.	1.2	1
28	tsRNAs: The Swiss Army Knife for Translational Regulation. <i>Trends in Biochemical Sciences</i> , 2019, 44, 185-189.	7.5	61
29	Endothelial HIF-2 β Contributes to Severe Pulmonary Hypertension by Inducing Endothelial-to-Mesenchymal Transition. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 314, ajplung.00096.2.	2.9	121
30	Dnmt2 mediates intergenerational transmission of paternally acquired metabolic disorders through sperm small non-coding RNAs. <i>Nature Cell Biology</i> , 2018, 20, 535-540.	10.3	302
31	Potential Diagnostic Power of Blood Circular RNA Expression in Active Pulmonary Tuberculosis. <i>EBioMedicine</i> , 2018, 27, 18-26.	6.1	61
32	The Splicing Factor hnRNPA1 Regulates Alternate Splicing of the <i>MYLK</i> Gene. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 58, 604-613.	2.9	13
33	Asymmetric Expression of LincGET Biases Cell Fate in Two-Cell Mouse Embryos. <i>Cell</i> , 2018, 175, 1887-1901.e18.	28.9	91
34	Caffeine consumption during early pregnancy impairs oviductal embryo transport, embryonic development and uterine receptivity in mice. <i>Biology of Reproduction</i> , 2018, 99, 1266-1275.	2.7	12
35	SPORTS1.0: A Tool for Annotating and Profiling Non-coding RNAs Optimized for rRNA- and tRNA-derived Small RNAs. <i>Genomics, Proteomics and Bioinformatics</i> , 2018, 16, 144-151.	6.9	102
36	Rat BodyMap transcriptomes reveal unique circular RNA features across tissue types and developmental stages. <i>Rna</i> , 2018, 24, 1443-1456.	3.5	50

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37	Increased frequency of circulating Tfh cells in patients with acute pancreatitis. <i>International Journal of Clinical and Experimental Pathology</i> , 2018, 11, 5300-5308.	0.5	1
38	Quantifying circular RNA expression from RNA-seq data using model-based framework. <i>Bioinformatics</i> , 2017, 33, 2131-2139.	4.1	57
39	A transcriptomic insight into the impacts of mast cells in lung, breast, and colon cancers. <i>OncoImmunology</i> , 2017, 6, e1360457.	4.6	16
40	Identification of Jak-STAT signaling involvement in sarcoidosis severity via a novel microRNA-regulated peripheral blood mononuclear cell gene signature. <i>Scientific Reports</i> , 2017, 7, 4237.	3.3	67
41	Expression of nuclear factor, erythroid 2-like 2-mediated genes differentiates tuberculosis. <i>Tuberculosis</i> , 2016, 99, 56-62.	1.9	30
42	Reactive Oxygen Species-associated Molecular Signature Predicts Survival in Patients with Sepsis. <i>Pulmonary Circulation</i> , 2016, 6, 196-201.	1.7	25
43	Unique Toll-Like Receptor 4 Activation by NAMPT/PBEF Induces NF- κ B Signaling and Inflammatory Lung Injury. <i>Scientific Reports</i> , 2015, 5, 13135.	3.3	126
44	Nuclear factor, erythroid 2-like 2-associated molecular signature predicts lung cancer survival. <i>Scientific Reports</i> , 2015, 5, 16889.	3.3	39
45	Functional and Structural Consequence of Rare Exonic Single Nucleotide Polymorphisms: One Story, Two Tales. <i>Genome Biology and Evolution</i> , 2015, 7, 2929-2940.	2.5	12
46	Sp1-mediated Nonmuscle Myosin Light Chain Kinase Expression and Enhanced Activity in Vascular Endothelial Growth Factor-induced Vascular Permeability. <i>Pulmonary Circulation</i> , 2015, 5, 707-715.	1.7	15
47	A Nonmuscle Myosin Light Chain Kinase-dependent Gene Signature in Peripheral Blood Mononuclear Cells is Linked to Human Asthma Severity and Exacerbation Status. <i>Pulmonary Circulation</i> , 2015, 5, 335-338.	1.7	9
48	Ion channel gene expression predicts survival in glioma patients. <i>Scientific Reports</i> , 2015, 5, 11593.	3.3	41
49	A MYLK variant regulates asthmatic inflammation via alterations in mRNA secondary structure. <i>European Journal of Human Genetics</i> , 2015, 23, 874-876.	2.8	21
50	Sphingosine-1-phosphate lyase is an endogenous suppressor of pulmonary fibrosis: role of S1P signalling and autophagy. <i>Thorax</i> , 2015, 70, 1138-1148.	5.6	62
51	Identifying Novel Biomarkers in Sarcoidosis Using Genome-Based Approaches. <i>Clinics in Chest Medicine</i> , 2015, 36, 621-630.	2.1	25
52	Ion Channel Gene Expression in Lung Adenocarcinoma: Potential Role in Prognosis and Diagnosis. <i>PLoS ONE</i> , 2014, 9, e86569.	2.5	33
53	Genes Influenced by the Non-Muscle Isoform of Myosin Light Chain Kinase Impact Human Cancer Prognosis. <i>PLoS ONE</i> , 2014, 9, e94325.	2.5	17
54	The role of RNA structure at 5' untranslated region in microRNA-mediated gene regulation. <i>Rna</i> , 2014, 20, 1369-1375.	3.5	89

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55	Expression of Nicotinamide Phosphoribosyltransferase-Influenced Genes Predicts Recurrence-Free Survival in Lung and Breast Cancers. <i>Scientific Reports</i> , 2014, 4, 6107.	3.3	22
56	Expression Profiling of Mitochondrial Voltage-Dependent Anion Channel-1 Associated Genes Predicts Recurrence-Free Survival in Human Carcinomas. <i>PLoS ONE</i> , 2014, 9, e110094.	2.5	28
57	Expression profiling of ion channel genes predicts clinical outcome in breast cancer. <i>Molecular Cancer</i> , 2013, 12, 106.	19.2	85
58	Tumor Endothelial Inflammation Predicts Clinical Outcome in Diverse Human Cancers. <i>PLoS ONE</i> , 2012, 7, e46104.	2.5	42
59	DC-SIGN and immunoregulation. <i>Cellular and Molecular Immunology</i> , 2006, 3, 279-83.	10.5	89