

Xin-Guang Liu

List of Publications by Year in descending order

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71
papers

1,585
citations

394421

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345221

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docs citations

75
times ranked

2690
citing authors

#	ARTICLE	IF	CITATIONS
1	A Comprehensive Analysis of Replicative Lifespan in 4,698 Single-Gene Deletion Strains Uncovers Conserved Mechanisms of Aging. <i>Cell Metabolism</i> , 2015, 22, 895-906.	16.2	212
2	Histone H4 lysine 16 hypoacetylation is associated with defective DNA repair and premature senescence in Zmpste24-deficient mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 12325-12330.	7.1	202
3	A common variant in pre-miR-146 is associated with coronary artery disease risk and its mature miRNA expression. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2014, 761, 15-20.	1.0	92
4	Long non-coding RNAs: An emerging powerhouse in the battle between life and death of tumor cells. <i>Drug Resistance Updates</i> , 2016, 26, 28-42.	14.4	80
5	Senescence-associated secretory factors induced by cisplatin in melanoma cells promote non-senescent melanoma cell growth through activation of the ERK1/2-RSK1 pathway. <i>Cell Death and Disease</i> , 2018, 9, 260.	6.3	59
6	Sir2 deletion prevents lifespan extension in 32 long-lived mutants. <i>Aging Cell</i> , 2011, 10, 1089-1091.	6.7	52
7	The p53/miRNAs/Ccna2 pathway serves as a novel regulator of cellular senescence: Complement of the canonical p53/p21 pathway. <i>Aging Cell</i> , 2019, 18, e12918.	6.7	50
8	ZnSe quantum dots based fluorescence sensors for Cu ²⁺ ions. <i>Sensors and Actuators A: Physical</i> , 2014, 205, 72-78.	4.1	46
9	DNA damage responsive miR-33b-3p promoted lung cancer cells survival and cisplatin resistance by targeting p21 ^{WAF1/CIP1} . <i>Cell Cycle</i> , 2016, 15, 2920-2930.	2.6	44
10	Haploinsufficiency of Trp53 dramatically extends the lifespan of Sirt6-deficient mice. <i>ELife</i> , 2018, 7, .	6.0	36
11	A genetic variant in pre-miR-27a is associated with a reduced cervical cancer risk in southern Chinese women. <i>Gynecologic Oncology</i> , 2014, 132, 450-454.	1.4	34
12	Nasal Delivery of Hesperidin/Chitosan Nanoparticles Suppresses Cytokine Storm Syndrome in a Mouse Model of Acute Lung Injury. <i>Frontiers in Pharmacology</i> , 2020, 11, 592238.	3.5	34
13	Variants in <i>ANRIL</i> gene correlated with its expression contribute to myocardial infarction risk. <i>Oncotarget</i> , 2017, 8, 12607-12619.	1.8	34
14	Plasma-Derived Exosomal Circular RNA hsa_circ_0005540 as a Novel Diagnostic Biomarker for Coronary Artery Disease. <i>Disease Markers</i> , 2020, 2020, 1-7.	1.3	32
15	circGNAQ, a circular RNA enriched in vascular endothelium, inhibits endothelial cell senescence and atherosclerosis progression. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 26, 374-387.	5.1	31
16	Protein kinase p38 β signaling in dendritic cells regulates colon inflammation and tumorigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E12313-E12322.	7.1	26
17	Targeted photodynamic therapy of cancer using a novel gallium (III) tris (ethoxycarbonyl) corrole conjugated ϵ mAb directed against cancer/testis antigens 83. <i>Cancer Medicine</i> , 2018, 7, 3057-3065.	2.8	25
18	Association of <i>lincRNA-p21</i> Haplotype with Coronary Artery Disease in a Chinese Han Population. <i>Disease Markers</i> , 2016, 2016, 1-7.	1.3	24

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19	A positive feedback loop of SIRT1 and miR17HG promotes the repair of DNA double-stranded breaks. <i>Cell Cycle</i> , 2019, 18, 2110-2123.	2.6	21
20	A TagSNP in SIRT1 Gene Confers Susceptibility to Myocardial Infarction in a Chinese Han Population. <i>PLoS ONE</i> , 2015, 10, e0115339.	2.5	20
21	p38 β signaling in Langerhans cells promotes the development of IL-17 α -producing T cells and psoriasiform skin inflammation. <i>Science Signaling</i> , 2018, 11, .	3.6	20
22	MT1-MMP deficiency leads to defective ependymal cell maturation, impaired ciliogenesis, and hydrocephalus. <i>JCI Insight</i> , 2020, 5, .	5.0	20
23	CircCCNB1 silencing acting as a miR-106b-5p sponge inhibited GPM6A expression to promote HCC progression by enhancing DYNC111 expression and activating the AKT/ERK signaling pathway. <i>International Journal of Biological Sciences</i> , 2022, 18, 637-651.	6.4	18
24	IL-1 β inhibits proliferation and adipogenic differentiation of human adipose α -derived mesenchymal stem cells through NF κ B and ERK1/2 α -mediated proinflammatory cytokines. <i>Cell Biology International</i> , 2018, 42, 794-803.	3.0	16
25	Identification of the lncRNA, AK156230, as a novel regulator of cellular senescence in mouse embryonic fibroblasts. <i>Oncotarget</i> , 2016, 7, 52673-52684.	1.8	16
26	MAPK Phosphatase-1 Deficiency Exacerbates the Severity of Imiquimod-Induced Psoriasiform Skin Disease. <i>Frontiers in Immunology</i> , 2018, 9, 569.	4.8	15
27	A circular intronic RNA ciPVT1 delays endothelial cell senescence by regulating the miR-24 α /CDK4/pRb axis. <i>Aging Cell</i> , 2022, 21, e13529.	6.7	15
28	Oridonin-Loaded Nanoparticles Inhibit Breast Cancer Progression Through Regulation of ROS-Related Nrf2 Signaling Pathway. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 600579.	4.1	14
29	Berberine-Loaded Biomimetic Nanoparticles Attenuate Inflammation of Experimental Allergic Asthma via Enhancing IL-12 Expression. <i>Frontiers in Pharmacology</i> , 2021, 12, 724525.	3.5	14
30	The association of APOC4 polymorphisms with premature coronary artery disease in a Chinese Han population. <i>Lipids in Health and Disease</i> , 2015, 14, 63.	3.0	13
31	miR-194 functions as a novel modulator of cellular senescence in mouse embryonic fibroblasts. <i>Cell Biology International</i> , 2017, 41, 249-257.	3.0	13
32	The association between pre-miR-27a rs895819 polymorphism and myocardial infarction risk in a Chinese Han population. <i>Lipids in Health and Disease</i> , 2018, 17, 7.	3.0	13
33	CircFOXO3 rs12196996, a polymorphism at the gene flanking intron, is associated with circFOXO3 levels and the risk of coronary artery disease. <i>Aging</i> , 2020, 12, 13076-13089.	3.1	13
34	Lipid Disorders in NAFLD and Chronic Kidney Disease. <i>Biomedicines</i> , 2021, 9, 1405.	3.2	12
35	The kinase p38 β functions in dendritic cells to regulate Th2-cell differentiation and allergic inflammation. , 2022, 19, 805-819.		12
36	Intergenotype recombinant analysis of full-length hepatitis B virus genomes from 516 Chinese patients with different illness categories. <i>Journal of Medical Virology</i> , 2017, 89, 139-145.	5.0	11

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37	CTT1 overexpression increases the replicative lifespan of MMS-sensitive <i>Saccharomyces cerevisiae</i> deficient in KSP1. <i>Mechanisms of Ageing and Development</i> , 2017, 164, 27-36.	4.6	11
38	Genetic susceptibility of five tagSNPs in the endothelin-1 (EDN1) gene to coronary artery disease in a Chinese Han population. <i>Bioscience Reports</i> , 2018, 38, .	2.4	11
39	The LRP6 rs2302685 polymorphism is associated with increased risk of myocardial infarction. <i>Lipids in Health and Disease</i> , 2014, 13, 94.	3.0	10
40	Drug-Resistant and Genetic Evolutionary Analysis of Influenza Virus from Patients During the 2013 and 2014 Influenza Season in Beijing. <i>Microbial Drug Resistance</i> , 2017, 23, 253-260.	2.0	10
41	MicroRNA transcriptome analysis identifies miR-365 as a novel negative regulator of cell proliferation in Zmpste24-deficient mouse embryonic fibroblasts. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2015, 777, 69-78.	1.0	9
42	MicroRNA-33 promotes the replicative senescence of mouse embryonic fibroblasts by suppressing CDK6. <i>Biochemical and Biophysical Research Communications</i> , 2016, 473, 1064-1070.	2.1	9
43	Long non-coding RNA lnc-OAD is required for adipocyte differentiation in 3T3-L1 preadipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2019, 511, 753-758.	2.1	9
44	Sputum microbiota as a potential diagnostic marker for multidrug-resistant tuberculosis. <i>International Journal of Medical Sciences</i> , 2021, 18, 1935-1945.	2.5	9
45	Two tagSNPs rs352493 and rs3760908 within SIRT6 Gene Are Associated with the Severity of Coronary Artery Disease in a Chinese Han Population. <i>Disease Markers</i> , 2016, 2016, 1-8.	1.3	8
46	Yeast polyubiquitin gene UBI4 deficiency leads to early induction of apoptosis and shortened replicative lifespan. <i>Cell Stress and Chaperones</i> , 2018, 23, 527-537.	2.9	8
47	Prevalence of the entecavir-resistance-inducing mutation rtA186T in a large cohort of Chinese hepatitis B virus patients. <i>Antiviral Research</i> , 2019, 164, 131-138.	4.1	8
48	Integrated analysis of microRNA and transcription factor reveals important regulators and regulatory motifs in adult B-cell acute lymphoblastic leukemia. <i>International Journal of Oncology</i> , 2017, 50, 671-683.	3.3	7
49	miR-342-5p promotes Zmpste24-deficient mouse embryonic fibroblasts proliferation by suppressing GAS2. <i>Molecular Medicine Reports</i> , 2017, 16, 8944-8952.	2.4	7
50	<i>MET18</i> Deficiency Increases the Sensitivity of Yeast to Oxidative Stress and Shortens Replicative Lifespan by Inhibiting Catalase Activity. <i>BioMed Research International</i> , 2017, 2017, 1-8.	1.9	7
51	Overexpression of Progerin Results in Impaired Proliferation and Invasion of Non-Small Cell Lung Cancer Cells. <i>OncoTargets and Therapy</i> , 2020, Volume 13, 2629-2642.	2.0	7
52	Accumulation of prelamin A compromises NF- κ B-regulated B-lymphopoiesis in a progeria mouse model. <i>Longevity & Healthspan</i> , 2013, 2, 1.	6.7	6
53	The Impact of tagSNPs in CXCL16 Gene on the Risk of Myocardial Infarction in a Chinese Han Population. <i>Disease Markers</i> , 2017, 2017, 1-7.	1.3	6
54	COMMD1 regulates cell proliferation and cell cycle progression by modulating p21 Cip1 levels. <i>Bioscience, Biotechnology and Biochemistry</i> , 2019, 83, 845-850.	1.3	6

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55	<i>GAS1</i>Deficient Enhances UPR Activity in<i>Saccharomyces cerevisiae</i>. BioMed Research International, 2019, 2019, 1-12.	1.9	5
56	The positive correlation between drug addiction and drug dosage in vemurafenib-resistant melanoma cells is underpinned by activation of ERK1/2-FRA-1 pathway. Anti-Cancer Drugs, 2020, 31, 1026-1037.	1.4	5
57	Aberrant expression of two miRNAs promotes proliferation, hepatitis B virus amplification, migration and invasion of hepatocellular carcinoma cells: evidence from bioinformatic analysis and experimental validation. PeerJ, 2020, 8, e9100.	2.0	5
58	CIA2 deficiency results in impaired oxidative stress response and enhanced intracellular basal UPR activity in Saccharomyces cerevisiae. FEMS Microbiology Letters, 2015, 362, .	1.8	4
59	Lrrc75b is a novel negative regulator of C2C12 myogenic differentiation. International Journal of Molecular Medicine, 2016, 38, 1411-1418.	4.0	4
60	Inhibitory effect and its kinetic analysis of tyrphostin AG1478 on recombinant human protein kinase CK2 holoenzyme. Acta Pharmacologica Sinica, 2002, 23, 556-61.	6.1	4
61	Identification of COMMD1 as a novel lamin A binding partner. Molecular Medicine Reports, 2019, 20, 1790-1796.	2.4	3
62	Yeast molecular chaperone gene SSB2 is involved in the endoplasmic reticulum stress response. Antonie Van Leeuwenhoek, 2019, 112, 589-598.	1.7	3
63	<i>PCK1</i>Deficiency Shortens the Replicative Lifespan of<i>Saccharomyces cerevisiae</i>through Upregulation of<i>PFK1</i>. BioMed Research International, 2020, 2020, 1-10.	1.9	3
64	Investigation of immune escape-associated mutations of hepatitis B virus in patients harboring hepatitis B virus drug-resistance mutations. World Journal of Gastroenterology, 2020, 26, 5314-5327.	3.3	3
65	PMT1 deficiency extends the shortened replicative lifespan of TED1-deficient yeast in a Hac1p-dependent manner. FEMS Microbiology Letters, 2018, 365, .	1.8	2
66	Yeast MED2 is involved in the endoplasmic reticulum stress response and modulation of the replicative lifespan. Mechanisms of Ageing and Development, 2020, 192, 111381.	4.6	2
67	Trinations aging symposium. Mechanisms of Ageing and Development, 2011, 132, 348-352.	4.6	1
68	Association between<i>ADAMTS7</i>TagSNPs and the risk of myocardial infarction. Postgraduate Medical Journal, 2019, 95, 487-492.	1.8	1
69	Rapid and robust derivation of mesenchymal stem cells from human pluripotent stem cells via temporal induction of neuralized ectoderm. Cell and Bioscience, 2022, 12, 31.	4.8	1
70	Circular RNA circRNF169 functions as a miR-30c-5p sponge to promote cellular senescence. Biochemical and Biophysical Research Communications, 2022, 604, 88-95.	2.1	1
71	Yeast YPK9 deficiency results in shortened replicative lifespan and sensitivity to hydrogen peroxide. Biogerontology, 2021, 22, 547-563.	3.9	0