Daru Lu

List of Publications by Citations

85 papers	1,434 citations	20 h-index	35 g-index
90 ext. papers	1,807 ext. citations	5.8 avg, IF	3.92 L-index

#	Paper	IF	Citations
85	The RNA-binding protein QKI suppresses cancer-associated aberrant splicing. *PLoS Genetics*, **2014**, 10, e1004289	6	157
84	Intrinsic BET inhibitor resistance in SPOP-mutated prostate cancer is mediated by BET protein stabilization and AKT-mTORC1 activation. *Nature Medicine*, **2017**, 23, 1055-1062	50.5	149
83	Imputation and subset-based association analysis across different cancer types identifies multiple independent risk loci in the TERT-CLPTM1L region on chromosome 5p15.33. *Human Molecular Genetics*, **2014**, 23, 6616-33	5.6	77
82	Structural insights into DNA cleavage activation of CRISPR-Cas9 system. *Nature Communications*, **2017**, 8, 1375	17.4	63
81	Distribution of three HIV-1 resistance-conferring polymorphisms (SDF1-3'A, CCR2-641, and CCR5-delta32) in global populations. *European Journal of Human Genetics*, **2000**, 8, 975-9	5.3	60
80	Genetic variants associated with longer telomere length are associated with increased lung cancer risk among never-smoking women in Asia: a report from the female lung cancer consortium in Asia. *International Journal of Cancer*, **2015**, 137, 311-9	7.5	55
79	c-Myc-miR-29c-REV3L signalling pathway drives the acquisition of temozolomide resistance in glioblastoma. *Brain*, **2015**, 138, 3654-72	11.2	50
78	Multiple origins of Tibetan Y chromosomes. *Human Genetics*, **2000**, 106, 453-4	6.3	49
77	CRISPR/Cas9-mediated somatic and germline gene correction to restore hemostasis in hemophilia B mice. *Human Genetics*, **2017**, 136, 875-883	6.3	48
76	VAMP8 facilitates cellular proliferation and temozolomide resistance in human glioma cells. *Neuro-Oncology*, **2015**, 17, 407-18	1	40
75	Association between GWAS-identified lung adenocarcinoma susceptibility loci and EGFR mutations in never-smoking Asian women, and comparison with findings from Western populations. *Human Molecular Genetics*, **2017**, 26, 454-465	5.6	40
74	Clinical evaluation of a rapid colloidal gold immunochromatography assay for SARS-Cov-2 IgM/IgG. *American Journal of Translational Research (discontinued)*, **2020**, 12, 1348-1354	3	36
73	The strategy to improve gene transfection efficiency and biocompatibility of hyperbranched PAMAM with the cooperation of PEGylated hyperbranched PAMAM. *International Journal of Pharmaceutics*, **2014**, 465, 112-9	6.5	34
72	Meta-analysis of genome-wide association studies identifies multiple lung cancer susceptibility loci in never-smoking Asian women. *Human Molecular Genetics*, **2016**, 25, 620-9	5.6	32
71	TBX6 compound inheritance leads to congenital vertebral malformations in humans and mice. *Human Molecular Genetics*, **2019**, 28, 539-547	5.6	32
70	Analysis of genetic admixture in Uyghur using the 26 Y-STR loci system. *Scientific Reports*, **2016**, 6, 19998	4.9	27
69	USP9X deubiquitinates ALDH1A3 and maintains mesenchymal identity in glioblastoma stem cells. *Journal of Clinical Investigation*, **2019**, 129, 2043-2055	15.9	27

68	High expression of N-myc (and STAT) interactor predicts poor prognosis and promotes tumor growth in human glioblastoma. *Oncotarget*, **2015**, 6, 4901-19	3.3	24
67	Common genetic variations of the cytochrome P450 1A1 gene and risk of hepatocellular carcinoma in a Chinese population. *European Journal of Cancer*, **2009**, 45, 1239-1247	7.5	23
66	Genetic variation in STAT4 predicts response to interferon-□therapy for hepatitis B e antigen-positive chronic hepatitis B. *Hepatology*, **2016**, 63, 1102-11	11.2	20
65	Single nucleotide polymorphisms of nucleotide excision repair pathway are significantly associated with outcomes of platinum-based chemotherapy in lung cancer. *Scientific Reports*, **2017**, 7, 11785	4.9	19
64	The establishment and application of preimplantation genetic haplotyping in embryo diagnosis for reciprocal and Robertsonian translocation carriers. *BMC Medical Genomics*, **2017**, 10, 60	3.7	19
63	Analysis of segregation patterns of quadrivalent structures and the effect on genome stability during meiosis in reciprocal translocation carriers. *Human Reproduction*, **2018**, 33, 757-767	5.7	19
62	The association of genetic variations in DNA repair pathways with severe toxicities in NSCLC patients undergoing platinum-based chemotherapy. *International Journal of Cancer*, **2017**, 141, 2336-2347	7.5	19
61	Subchronic exposure to concentrated ambient PM2.5 perturbs gut and lung microbiota as well as metabolic profiles in mice. *Environmental Pollution*, **2021**, 272, 115987	9.3	17
60	Genome-wide screening for highly discriminative SNPs for personal identification and their assessment in world populations. *Forensic Science International: Genetics*, **2017**, 28, 118-127	4.3	15
59	IL1B gene polymorphisms, age and the risk of non-small cell lung cancer in a Chinese population. *Lung Cancer*, **2015**, 89, 232-7	5.9	15
58	LGALS3 Promotes Treatment Resistance in Glioblastoma and Is Associated with Tumor Risk and Prognosis. *Cancer Epidemiology Biomarkers and Prevention*, **2019**, 28, 760-769	4	13
57	WEE1 kinase polymorphism as a predictive biomarker for efficacy of platinum-gemcitabine doublet chemotherapy in advanced non-small cell lung cancer patients. *Scientific Reports*, **2015**, 5, 11114	4.9	12
56	Differentiating between monozygotic twins through next-generation mitochondrial genome sequencing. *Analytical Biochemistry*, **2015**, 490, 1-6	3.1	12
55	Down regulation of RNA binding motif, single-stranded interacting protein 3, along with up regulation of nuclear HIF1A correlates with poor prognosis in patients with gastric cancer. *Oncotarget*, **2017**, 8, 1262-1277	3.3	12
54	Intra-Monozygotic Twin Pair Discordance and Longitudinal Variation of Whole-Genome Scale DNA Methylation in Adults. *PLoS ONE*, **2015**, 10, e0135022	3.7	11
53	Berberine reverses abnormal expression of L-type pyruvate kinase by DNA demethylation and histone acetylation in the livers of the non-alcoholic fatty disease rat. *International Journal of Clinical and Experimental Medicine*, **2015**, 8, 7535-43		11
52	Long-read sequencing and haplotype linkage analysis enabled preimplantation genetic testing for patients carrying pathogenic inversions. *Journal of Medical Genetics*, **2019**, 56, 741-749	5.8	9
51	Intracellular generation of single-strand template increases the knock-in efficiency by combining CRISPR/Cas9 with AAV. *Molecular Genetics and Genomics*, **2018**, 293, 1051-1060	3.1	9

50	Association of TERT Polymorphisms with Clinical Outcome of Non-Small Cell Lung Cancer Patients. *PLoS ONE*, **2015**, 10, e0129232	3.7	9
49	Association of EFEMP1 gene polymorphisms with the risk of glioma: A hospital-based case-control study in a Chinese Han population. *Journal of the Neurological Sciences*, **2015**, 349, 54-9	3.2	9
48	TRIM21 overexpression promotes tumor progression by regulating cell proliferation, cell migration and cell senescence in human glioma. *American Journal of Cancer Research*, **2020**, 10, 114-130	4.4	9
47	Association of CASP7 polymorphisms and survival of patients with non-small cell lung cancer with platinum-based chemotherapy treatment. *Chest*, **2012**, 142, 680-689	5.3	8
46	Tuberculosis infection and lung adenocarcinoma: Mendelian randomization and pathway analysis of genome-wide association study data from never-smoking Asian women. *Genomics*, **2020**, 112, 1223-1232	4.3	8
45	Concept and benchmarks for assessing narrow-sense validity of genetic risk score values. *Prostate*, **2019**, 79, 1099-1105	4.2	7
44	Tat-interactive Protein-60KDA (TIP60) Regulates the Tumorigenesis of Lung Cancer In Vitro. *Journal of Cancer*, **2017**, 8, 2277-2281	4.5	7
43	Genetic variations in the homologous recombination repair pathway genes modify risk of glioma. *Journal of Neuro-Oncology*, **2016**, 126, 11-17	4.8	7
42	Snapback primer mediated clamping PCR for detection of EGFR and KRAS mutations in NSCLC patients by high resolution melting analysis. *BioMed Research International*, **2014**, 2014, 407537	3	7
41	Expression and prognostic significance of TCTN1 in human glioblastoma. *Journal of Translational Medicine*, **2014**, 12, 288	8.5	7
40	PEBP1 suppresses HIV transcription and induces latency by inactivating MAPK/NF-B signaling. *EMBO Reports*, **2020**, 21, e49305	6.5	7
39	A comprehensive and universal approach for embryo testing in patients with different genetic disorders. *Clinical and Translational Medicine*, **2021**, 11, e490	5.7	7
38	Two novel genetic variants in the STK38L and RAB27A genes are associated with glioma susceptibility. *International Journal of Cancer*, **2019**, 145, 2372-2382	7.5	7
37	Association between polymorphisms in the GSTA4 gene and risk of lung cancer: a case-control study in a Southeastern Chinese population. *Molecular Carcinogenesis*, **2009**, 48, 253-259	5	6
36	Prudently conduct the engineering and synthesis of the SARS-CoV-2 virus. *Synthetic and Systems Biotechnology*, **2020**, 5, 59-61	4.2	5
35	TEX15: A DNA repair gene associated with prostate cancer risk in Han Chinese. *Prostate*, **2017**, 77, 1271-1278	4.2	5
34	Genetic polymorphism of is associated with clinical outcomes of platinum-based chemotherapy in non-small-cell lung cancer patients through modulating microRNA-mediated regulation. *Oncotarget* , **2018**, 9, 23860-23877	3.3	5
33	RICTOR polymorphisms affect efficiency of platinum-based chemotherapy in Chinese non-small-cell lung cancer patients. *Pharmacogenomics*, **2016**, 17, 1637-1647	2.6	5

32	Sub-multiplicative interaction between polygenic risk score and household coal use in relation to lung adenocarcinoma among never-smoking women in Asia. *Environment International*, **2021**, 147, 105975	12.9	5
31	Polymorphism rs3819102 in thymidylate synthase and environmental factors: effects on lung cancer in Chinese population. *Current Problems in Cancer*, **2019**, 43, 66-74	2.3	3
30	Global downregulation of pigmentation-associated genes in human premature hair graying. *Experimental and Therapeutic Medicine*, **2019**, 18, 1155-1163	2.1	3
29	Complete sequence data support lack of balancing selection on PRNP in a natural Chinese population. *Journal of Human Genetics*, **2006**, 51, 451-454	4.3	3
28	Provincial distribution of three HIV-1 resistant polymorphisms (CCR5-Delta32, CCR2-64I, and SDF1-3TA) in China. *Science in China Series C: Life Sciences*, **2000**, 43, 16-20		3
27	Effect of rs13181 and rs1799793 polymorphisms and environmental factors on the prognosis of patients with lung cancer. *American Journal of Translational Research (discontinued)*, **2020**, 12, 6941-6953	3	3
26	Establishment of multiplex allele-specific blocker PCR for enrichment and detection of 4 common mutations in non-small cell lung cancer. *Annals of Translational Medicine*, **2020**, 8, 1509	3.2	3
25	Broad- and narrow-sense validity performance of three polygenic risk score methods for prostate cancer risk assessment. *Prostate*, **2020**, 80, 83-87	4.2	3
24	Discovery and engineering of small SlugCas9 with broad targeting range and high specificity and activity. *Nucleic Acids Research*, **2021**, 49, 4008-4019	20.1	3
23	Genome-wide association study in Chinese cohort identifies one novel hypospadias risk associated locus at 12q13.13. *BMC Medical Genomics*, **2019**, 12, 196	3.7	3
22	P73 G4C14-to-A4T14 polymorphism is associated with survival in advanced non-small cell lung cancer patients. *Thoracic Cancer*, **2017**, 8, 63-72	3.2	2
21	Shuttling SLC2A4RG is regulated by 14-3-3□to modulate cell survival via caspase-3 and caspase-6 in human glioma. *EBioMedicine*, **2019**, 40, 163-175	8.8	2
20	Efficient expression of human factor IX cDNA in liver mediated by hydrodynamics-based plasmid administration. *Science Bulletin*, **2003**, 48, 790-795		2
19	Development of risk prediction models for glioma based on genome-wide association study findings and comprehensive evaluation of predictive performances. *Oncotarget*, **2018**, 9, 8311-8325	3.3	2
18	Expanding the Scope of Non-invasive Prenatal Testing to Detect Fetal Chromosomal Copy Number Variations. *Frontiers in Molecular Biosciences*, **2021**, 8, 649169	5.6	2
17	A pharmacogenetics study of platinum-based chemotherapy in lung cancer: polymorphism and its genetic interaction with are associated with response and survival. *Journal of Cancer*, **2021**, 12, 1270-1283	4.5	2
16	Multi-Omics Analysis in □Thalassemia Using an Gene-Knockout Human Erythroid Progenitor Cell Model.. *International Journal of Molecular Sciences*, **2022**, 23,	6.3	2
15	Classification and Interpretation for 11 FBN1 Variants Responsible for Marfan Syndrome and Pre-implantation Genetic Testing (PGT) for Two Families Successfully Blocked Transmission of the Pathogenic Mutations.. *Frontiers in Molecular Biosciences*, **2021**, 8, 749842	5.6	2

14	Long range haplotyping of paired-homologous chromosomes by single-chromosome sequencing of a single cell. *Scientific Reports*, **2018**, 8, 1640	4.9	1
13	Novel rAAV production system with low contamination of helper virus. *Science Bulletin*, **2003**, 48, 472-475		1
12	Gene therapy for hemophilia B mediated by recombinant adeno-associated viral vector with hFIXR338A, a high catalytic activity mutation of human coagulation factor IX. *Science in China Series C: Life Sciences*, **2001**, 44, 585-92		1
11	Immunogenicity of branched polyethylene glycol modified interferon alpha. *Immunopharmacology and Immunotoxicology*, **2018**, 40, 35-42	3.2	1
10	Whole-exome sequencing identifies a novel mutation in spermine synthase gene (SMS) associated with Snyder-Robinson Syndrome. *BMC Medical Genetics*, **2020**, 21, 168	2.1	0
9	Development of a new genetic reference material system based on cells. *Molecular Therapy - Methods and Clinical Development*, **2021**, 20, 473-482	6.4	0
8	miR-1205/DNAJB1 reverses docetaxel chemoresistance in human triple negative breast carcinoma cells via regulation of mutp53/TAp63 signaling.. *Acta Biochimica Et Biophysica Sinica*, **2022**, 54, 1-10	2.8	0
7	Correction of Beta-Thalassemia IVS-II-654 Mutation in a Mouse Model Using Prime Editing. *International Journal of Molecular Sciences*, **2022**, 23, 5948	6.3	0
6	Logical Framework of Forensic Identification: Ability to Resist Fabricated DNA. *Molecular Biotechnology*, **2015**, 57, 1030-7	3	
5	Preparation of rAAV/hFIX by HSV/AAV hybrid helper virus and evaluation of its safety. *Science Bulletin*, **2003**, 48, 1369-1374		
4	Constitutive expression of human coagulating factor IX in HeLa cells by homologous recombination of the promoter. *Science in China Series C: Life Sciences*, **2001**, 44, 18-24		
3	Efficient transfer and expression of human clotting factor IX cDNA in neonatal hemophilia B mice mediated by VSV-G pseudotyped retrovirus. *Science Bulletin*, **2001**, 46, 1534-1538		
2	Preparation of a recombinant adeno-associated viral vector with a mutation of human factor IX in large scale and its expressionin vitro andin vivo. *Science Bulletin*, **2001**, 46, 1367-1371		
1	Establishment of a Gene Detection System for Hotspot Mutations of Hearing Loss. *BioMed Research International*, **2018**, 2018, 6828306	3	