

# Daru Lu

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Multi-Omics Analysis in $\beta$ Thalassemia Using an Gene-Knockout Human Erythroid Progenitor Cell Model.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	2
84	miR-1205/DNAJB1 reverses docetaxel chemoresistance in human triple negative breast carcinoma cells via regulation of mutp53/TAp63 signaling.. <i>Acta Biochimica Et Biophysica Sinica</i> , <b>2022</b> , 54, 1-10	2.8	0
83	Correction of Beta-Thalassemia IVS-II-654 Mutation in a Mouse Model Using Prime Editing. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 5948	6.3	0
82	Development of a new genetic reference material system based on cells. <i>Molecular Therapy - Methods and Clinical Development</i> , <b>2021</b> , 20, 473-482	6.4	0
81	Discovery and engineering of small SlugCas9 with broad targeting range and high specificity and activity. <i>Nucleic Acids Research</i> , <b>2021</b> , 49, 4008-4019	20.1	3
80	Expanding the Scope of Non-invasive Prenatal Testing to Detect Fetal Chromosomal Copy Number Variations. <i>Frontiers in Molecular Biosciences</i> , <b>2021</b> , 8, 649169	5.6	2
79	Subchronic exposure to concentrated ambient PM2.5 perturbs gut and lung microbiota as well as metabolic profiles in mice. <i>Environmental Pollution</i> , <b>2021</b> , 272, 115987	9.3	17
78	Sub-multiplicative interaction between polygenic risk score and household coal use in relation to lung adenocarcinoma among never-smoking women in Asia. <i>Environment International</i> , <b>2021</b> , 147, 105975	12.9	5
77	A comprehensive and universal approach for embryo testing in patients with different genetic disorders. <i>Clinical and Translational Medicine</i> , <b>2021</b> , 11, e490	5.7	7
76	A pharmacogenetics study of platinum-based chemotherapy in lung cancer: polymorphism and its genetic interaction with are associated with response and survival. <i>Journal of Cancer</i> , <b>2021</b> , 12, 1270-1283	4.5	2
75	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.. <i>Frontiers in Molecular Biosciences</i> , <b>2021</b> , 8, 749842	5.6	2
74	Prudently conduct the engineering and synthesis of the SARS-CoV-2 virus. <i>Synthetic and Systems Biotechnology</i> , <b>2020</b> , 5, 59-61	4.2	5
73	TRIM21 overexpression promotes tumor progression by regulating cell proliferation, cell migration and cell senescence in human glioma. <i>American Journal of Cancer Research</i> , <b>2020</b> , 10, 114-130	4.4	9
72	Clinical evaluation of a rapid colloidal gold immunochromatography assay for SARS-Cov-2 IgM/IgG. <i>American Journal of Translational Research (discontinued)</i> , <b>2020</b> , 12, 1348-1354	3	36
71	Effect of rs13181 and rs1799793 polymorphisms and environmental factors on the prognosis of patients with lung cancer. <i>American Journal of Translational Research (discontinued)</i> , <b>2020</b> , 12, 6941-6953	3	3
70	Establishment of multiplex allele-specific blocker PCR for enrichment and detection of 4 common mutations in non-small cell lung cancer. <i>Annals of Translational Medicine</i> , <b>2020</b> , 8, 1509	3.2	3
69	Broad- and narrow-sense validity performance of three polygenic risk score methods for prostate cancer risk assessment. <i>Prostate</i> , <b>2020</b> , 80, 83-87	4.2	3

68	PEBP1 suppresses HIV transcription and induces latency by inactivating MAPK/NF- $\kappa$ B signaling. <i>EMBO Reports</i> , <b>2020</b> , 21, e49305	6.5	7
67	Whole-exome sequencing identifies a novel mutation in spermine synthase gene (SMS) associated with Snyder-Robinson Syndrome. <i>BMC Medical Genetics</i> , <b>2020</b> , 21, 168	2.1	0
66	Tuberculosis infection and lung adenocarcinoma: Mendelian randomization and pathway analysis of genome-wide association study data from never-smoking Asian women. <i>Genomics</i> , <b>2020</b> , 112, 1223-1232	4.3	8
65	Long-read sequencing and haplotype linkage analysis enabled preimplantation genetic testing for patients carrying pathogenic inversions. <i>Journal of Medical Genetics</i> , <b>2019</b> , 56, 741-749	5.8	9
64	Shuttling SLC2A4RG is regulated by 14-3-3 $\zeta$ to modulate cell survival via caspase-3 and caspase-6 in human glioma. <i>EBioMedicine</i> , <b>2019</b> , 40, 163-175	8.8	2
63	Concept and benchmarks for assessing narrow-sense validity of genetic risk score values. <i>Prostate</i> , <b>2019</b> , 79, 1099-1105	4.2	7
62	Polymorphism rs3819102 in thymidylate synthase and environmental factors: effects on lung cancer in Chinese population. <i>Current Problems in Cancer</i> , <b>2019</b> , 43, 66-74	2.3	3
61	Global downregulation of pigmentation-associated genes in human premature hair graying. <i>Experimental and Therapeutic Medicine</i> , <b>2019</b> , 18, 1155-1163	2.1	3
60	USP9X deubiquitinates ALDH1A3 and maintains mesenchymal identity in glioblastoma stem cells. <i>Journal of Clinical Investigation</i> , <b>2019</b> , 129, 2043-2055	15.9	27
59	Genome-wide association study in Chinese cohort identifies one novel hypospadias risk associated locus at 12q13.13. <i>BMC Medical Genomics</i> , <b>2019</b> , 12, 196	3.7	3
58	LGALS3 Promotes Treatment Resistance in Glioblastoma and Is Associated with Tumor Risk and Prognosis. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2019</b> , 28, 760-769	4	13
57	TBX6 compound inheritance leads to congenital vertebral malformations in humans and mice. <i>Human Molecular Genetics</i> , <b>2019</b> , 28, 539-547	5.6	32
56	Two novel genetic variants in the STK38L and RAB27A genes are associated with glioma susceptibility. <i>International Journal of Cancer</i> , <b>2019</b> , 145, 2372-2382	7.5	7
55	Analysis of segregation patterns of quadrivalent structures and the effect on genome stability during meiosis in reciprocal translocation carriers. <i>Human Reproduction</i> , <b>2018</b> , 33, 757-767	5.7	19
54	Intracellular generation of single-strand template increases the knock-in efficiency by combining CRISPR/Cas9 with AAV. <i>Molecular Genetics and Genomics</i> , <b>2018</b> , 293, 1051-1060	3.1	9
53	Long range haplotyping of paired-homologous chromosomes by single-chromosome sequencing of a single cell. <i>Scientific Reports</i> , <b>2018</b> , 8, 1640	4.9	1
52	Development of risk prediction models for glioma based on genome-wide association study findings and comprehensive evaluation of predictive performances. <i>Oncotarget</i> , <b>2018</b> , 9, 8311-8325	3.3	2
51	Genetic polymorphism of is associated with clinical outcomes of platinum-based chemotherapy in non-small-cell lung cancer patients through modulating microRNA-mediated regulation. <i>Oncotarget</i> , <b>2018</b> , 9, 23860-23877	3.3	5

50	Immunogenicity of branched polyethylene glycol modified interferon alpha. <i>Immunopharmacology and Immunotoxicology</i> , <b>2018</b> , 40, 35-42	3.2	1
49	Establishment of a Gene Detection System for Hotspot Mutations of Hearing Loss. <i>BioMed Research International</i> , <b>2018</b> , 2018, 6828306	3	
48	P73 G4C14-to-A4T14 polymorphism is associated with survival in advanced non-small cell lung cancer patients. <i>Thoracic Cancer</i> , <b>2017</b> , 8, 63-72	3.2	2
47	Genome-wide screening for highly discriminative SNPs for personal identification and their assessment in world populations. <i>Forensic Science International: Genetics</i> , <b>2017</b> , 28, 118-127	4.3	15
46	CRISPR/Cas9-mediated somatic and germline gene correction to restore hemostasis in hemophilia B mice. <i>Human Genetics</i> , <b>2017</b> , 136, 875-883	6.3	48
45	Single nucleotide polymorphisms of nucleotide excision repair pathway are significantly associated with outcomes of platinum-based chemotherapy in lung cancer. <i>Scientific Reports</i> , <b>2017</b> , 7, 11785	4.9	19
44	Tat-interactive Protein-60KDA (TIP60) Regulates the Tumorigenesis of Lung Cancer In Vitro. <i>Journal of Cancer</i> , <b>2017</b> , 8, 2277-2281	4.5	7
43	The establishment and application of preimplantation genetic haplotyping in embryo diagnosis for reciprocal and Robertsonian translocation carriers. <i>BMC Medical Genomics</i> , <b>2017</b> , 10, 60	3.7	19
42	TEX15: A DNA repair gene associated with prostate cancer risk in Han Chinese. <i>Prostate</i> , <b>2017</b> , 77, 1271-1278	4.7	5
41	The association of genetic variations in DNA repair pathways with severe toxicities in NSCLC patients undergoing platinum-based chemotherapy. <i>International Journal of Cancer</i> , <b>2017</b> , 141, 2336-2347	7.5	19
40	Intrinsic BET inhibitor resistance in SPOP-mutated prostate cancer is mediated by BET protein stabilization and AKT-mTORC1 activation. <i>Nature Medicine</i> , <b>2017</b> , 23, 1055-1062	50.5	149
39	Structural insights into DNA cleavage activation of CRISPR-Cas9 system. <i>Nature Communications</i> , <b>2017</b> , 8, 1375	17.4	63
38	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. <i>Oncotarget</i> , <b>2017</b> , 8, 1262-1277	3.3	12
37	Association between GWAS-identified lung adenocarcinoma susceptibility loci and EGFR mutations in never-smoking Asian women, and comparison with findings from Western populations. <i>Human Molecular Genetics</i> , <b>2017</b> , 26, 454-465	5.6	40
36	Analysis of genetic admixture in Uyghur using the 26 Y-STR loci system. <i>Scientific Reports</i> , <b>2016</b> , 6, 19998	4.9	27
35	Meta-analysis of genome-wide association studies identifies multiple lung cancer susceptibility loci in never-smoking Asian women. <i>Human Molecular Genetics</i> , <b>2016</b> , 25, 620-9	5.6	32
34	Genetic variations in the homologous recombination repair pathway genes modify risk of glioma. <i>Journal of Neuro-Oncology</i> , <b>2016</b> , 126, 11-17	4.8	7
33	Genetic variation in STAT4 predicts response to interferon- $\gamma$ therapy for hepatitis B e antigen-positive chronic hepatitis B. <i>Hepatology</i> , <b>2016</b> , 63, 1102-11	11.2	20

32	RICTOR polymorphisms affect efficiency of platinum-based chemotherapy in Chinese non-small-cell lung cancer patients. <i>Pharmacogenomics</i> , <b>2016</b> , 17, 1637-1647	2.6	5
31	IL1B gene polymorphisms, age and the risk of non-small cell lung cancer in a Chinese population. <i>Lung Cancer</i> , <b>2015</b> , 89, 232-7	5.9	15
30	WEE1 kinase polymorphism as a predictive biomarker for efficacy of platinum-gemcitabine doublet chemotherapy in advanced non-small cell lung cancer patients. <i>Scientific Reports</i> , <b>2015</b> , 5, 11114	4.9	12
29	Logical Framework of Forensic Identification: Ability to Resist Fabricated DNA. <i>Molecular Biotechnology</i> , <b>2015</b> , 57, 1030-7	3	
28	c-Myc-miR-29c-REV3L signalling pathway drives the acquisition of temozolomide resistance in glioblastoma. <i>Brain</i> , <b>2015</b> , 138, 3654-72	11.2	50
27	Differentiating between monozygotic twins through next-generation mitochondrial genome sequencing. <i>Analytical Biochemistry</i> , <b>2015</b> , 490, 1-6	3.1	12
26	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. <i>International Journal of Cancer</i> , <b>2015</b> , 137, 311-9	7.5	55
25	Association of TERT Polymorphisms with Clinical Outcome of Non-Small Cell Lung Cancer Patients. <i>PLoS ONE</i> , <b>2015</b> , 10, e0129232	3.7	9
24	Intra-Monozygotic Twin Pair Discordance and Longitudinal Variation of Whole-Genome Scale DNA Methylation in Adults. <i>PLoS ONE</i> , <b>2015</b> , 10, e0135022	3.7	11
23	VAMP8 facilitates cellular proliferation and temozolomide resistance in human glioma cells. <i>Neuro-Oncology</i> , <b>2015</b> , 17, 407-18	1	40
22	Association of EFEMP1 gene polymorphisms with the risk of glioma: A hospital-based case-control study in a Chinese Han population. <i>Journal of the Neurological Sciences</i> , <b>2015</b> , 349, 54-9	3.2	9
21	High expression of N-myc (and STAT) interactor predicts poor prognosis and promotes tumor growth in human glioblastoma. <i>Oncotarget</i> , <b>2015</b> , 6, 4901-19	3.3	24
20	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. <i>International Journal of Clinical and Experimental Medicine</i> , <b>2015</b> , 8, 7535-43		11
19	The strategy to improve gene transfection efficiency and biocompatibility of hyperbranched PAMAM with the cooperation of PEGylated hyperbranched PAMAM. <i>International Journal of Pharmaceutics</i> , <b>2014</b> , 465, 112-9	6.5	34
18	Snapback primer mediated clamping PCR for detection of EGFR and KRAS mutations in NSCLC patients by high resolution melting analysis. <i>BioMed Research International</i> , <b>2014</b> , 2014, 407537	3	7
17	The RNA-binding protein QKI suppresses cancer-associated aberrant splicing. <i>PLoS Genetics</i> , <b>2014</b> , 10, e1004289	6	157
16	Imputation and subset-based association analysis across different cancer types identifies multiple independent risk loci in the TERT-CLPTM1L region on chromosome 5p15.33. <i>Human Molecular Genetics</i> , <b>2014</b> , 23, 6616-33	5.6	77
15	Expression and prognostic significance of TCTN1 in human glioblastoma. <i>Journal of Translational Medicine</i> , <b>2014</b> , 12, 288	8.5	7

14	Association of CASP7 polymorphisms and survival of patients with non-small cell lung cancer with platinum-based chemotherapy treatment. <i>Chest</i> , <b>2012</b> , 142, 680-689	5.3	8
13	Association between polymorphisms in the GSTA4 gene and risk of lung cancer: a case-control study in a Southeastern Chinese population. <i>Molecular Carcinogenesis</i> , <b>2009</b> , 48, 253-259	5	6
12	Common genetic variations of the cytochrome P450 1A1 gene and risk of hepatocellular carcinoma in a Chinese population. <i>European Journal of Cancer</i> , <b>2009</b> , 45, 1239-1247	7.5	23
11	Complete sequence data support lack of balancing selection on PRNP in a natural Chinese population. <i>Journal of Human Genetics</i> , <b>2006</b> , 51, 451-454	4.3	3
10	Novel rAAV production system with low contamination of helper virus. <i>Science Bulletin</i> , <b>2003</b> , 48, 472-475		1
9	Preparation of rAAV/hFIX by HSV/AAV hybrid helper virus and evaluation of its safety. <i>Science Bulletin</i> , <b>2003</b> , 48, 1369-1374		
8	Efficient expression of human factor IX cDNA in liver mediated by hydrodynamics-based plasmid administration. <i>Science Bulletin</i> , <b>2003</b> , 48, 790-795		2
7	Gene therapy for hemophilia B mediated by recombinant adeno-associated viral vector with hFIXR338A, a high catalytic activity mutation of human coagulation factor IX. <i>Science in China Series C: Life Sciences</i> , <b>2001</b> , 44, 585-92		1
6	Constitutive expression of human coagulating factor IX in HeLa cells by homologous recombination of the promoter. <i>Science in China Series C: Life Sciences</i> , <b>2001</b> , 44, 18-24		
5	Efficient transfer and expression of human clotting factor IX cDNA in neonatal hemophilia B mice mediated by VSV-G pseudotyped retrovirus. <i>Science Bulletin</i> , <b>2001</b> , 46, 1534-1538		
4	Preparation of a recombinant adeno-associated viral vector with a mutation of human factor IX in large scale and its expression in vitro and in vivo. <i>Science Bulletin</i> , <b>2001</b> , 46, 1367-1371		
3	Distribution of three HIV-1 resistance-conferring polymorphisms (SDF1-37A, CCR2-641, and CCR5-delta32) in global populations. <i>European Journal of Human Genetics</i> , <b>2000</b> , 8, 975-9	5.3	60
2	Provincial distribution of three HIV-1 resistant polymorphisms (CCR5-Delta32, CCR2-641, and SDF1-37A) in China. <i>Science in China Series C: Life Sciences</i> , <b>2000</b> , 43, 16-20		3
1	Multiple origins of Tibetan Y chromosomes. <i>Human Genetics</i> , <b>2000</b> , 106, 453-4	6.3	49