Daru Lu

List of Publications by Year
in descending order

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		218381	264894
89	2,146	26	42
papers	citations	h-index	g-index

90	90	90	4996
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Intrinsic BET inhibitor resistance in SPOP-mutated prostate cancer is mediated by BET protein stabilization and AKTâ€“mTORC1 activation. Nature Medicine, 2017, 23, 1055-1062.	15.2	225
2	The RNA-Binding Protein QKI Suppresses Cancer-Associated Aberrant Splicing. PLoS Genetics, 2014, 10, e1004289.	1.5	212
3	Structural insights into DNA cleavage activation of CRISPR-Cas9 system. Nature Communications, 2017, 8, 1375.	5.8	100
4	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, 6616-6633.	1.4	90
5	‹scp›G‹/scp›enetic variants associated with longer telomere length are associated with increased lung cancer risk among neverâ€smoking women in Asia: a report from the female lung cancer consortium in Asia. International Journal of Cancer, 2015, 137, 311-319.	2.3	72
6	Distribution of three HIV-1 resistance-conferring polymorphisms (SDF1-3â€²A, CCR2-64I, and CCR5-Î”32) in global populations. European Journal of Human Genetics, 2000, 8, 975-979.	1.4	67
7	Multiple origins of Tibetan Y chromosomes. Human Genetics, 2000, 106, 453-454.	1.8	56
8	CRISPR/Cas9-mediated somatic and germline gene correction to restore hemostasis in hemophilia B mice. Human Genetics, 2017, 136, 875-883.	1.8	56
9	c-Mycâ€“miR-29câ€“REV3L signalling pathway drives the acquisition of temozolomide resistance in glioblastoma. Brain, 2015, 138, 3654-3672.	3.7	55
10	Subchronic exposure to concentrated ambient PM2.5 perturbs gut and lung microbiota as well as metabolic profiles in mice. Environmental Pollution, 2021, 272, 115987.	3.7	52
11	VAMP8 facilitates cellular proliferation and temozolomide resistance in human glioma cells. Neuro-Oncology, 2015, 17, 407-418.	0.6	51
12	Association between GWAS-identified lung adenocarcinoma susceptibility loci andEGFRmutations in never-smoking Asian women, and comparison with findings from Western populations. Human Molecular Genetics, 2016, 26, ddw414.	1.4	50
13	Meta-analysis of genome-wide association studies identifies multiple lung cancer susceptibility loci in never-smoking Asian women. Human Molecular Genetics, 2016, 25, 620-629.	1.4	50
14	TBX6 compound inheritance leads to congenital vertebral malformations in humans and mice. Human Molecular Genetics, 2019, 28, 539-547.	1.4	46
15	USP9X deubiquitinates ALDH1A3 and maintains mesenchymal identity in glioblastoma stem cells. Journal of Clinical Investigation, 2019, 129, 2043-2055.	3.9	45
16	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.	0.0	43
17	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, 112-119.	2.6	41
18	Genetic variation in STAT4 predicts response to interferonâ€Î± therapy for hepatitis B e antigenâ€positive chronic hepatitis B. Hepatology, 2016, 63, 1102-1111.	3.6	38

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19	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.	0.4	36
20	LGALS3 Promotes Treatment Resistance in Glioblastoma and Is Associated with Tumor Risk and Prognosis. Cancer Epidemiology Biomarkers and Prevention, 2019, 28, 760-769.	1.1	36
21	Discovery and engineering of small SlugCas9 with broad targeting range and high specificity and activity. Nucleic Acids Research, 2021, 49, 4008-4019.	6.5	33
22	Analysis of genetic admixture in Uyghur using the 26 Y-STR loci system. Scientific Reports, 2016, 6, 19998.	1.6	30
23	The establishment and application of preimplantation genetic haplotyping in embryo diagnosis for reciprocal and Robertsonian translocation carriers. BMC Medical Genomics, 2017, 10, 60.	0.7	29
24	High expression of N-myc (and STAT) interactor predicts poor prognosis and promotes tumor growth in human glioblastoma. Oncotarget, 2015, 6, 4901-4919.	0.8	29
25	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.	1.6	28
26	The association of genetic variations in DNA repair pathways with severe toxicities in NSCLC patients undergoing platinumâ€based chemotherapy. International Journal of Cancer, 2017, 141, 2336-2347.	2.3	27
27	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.	1.3	26
28	Long-read sequencing and haplotype linkage analysis enabled preimplantation genetic testing for patients carrying pathogenic inversions. Journal of Medical Genetics, 2019, 56, 741-749.	1.5	25
29	Differentiating between monozygotic twins through next-generation mitochondrial genome sequencing. Analytical Biochemistry, 2015, 490, 1-6.	1.1	22
30	<scp>PEBP</scp> 1 suppresses <scp>HIV</scp> transcription and induces latency by inactivating <scp>MAPK</scp> / <scp>NF</scp> â€ÎºB signaling. EMBO Reports, 2020, 21, e49305.	2.0	21
31	A comprehensive and universal approach for embryo testing in patients with different genetic disorders. Clinical and Translational Medicine, 2021, 11, e490.	1.7	20
32	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.	0.8	20
33	FOSL1 promotes proneural-to-mesenchymal transition of glioblastoma stem cells via UBC9/CYLD/NF-ÎºB axis. Molecular Therapy, 2022, 30, 2568-2583.	3.7	20
34	Genome-wide screening for highly discriminative SNPs for personal identification and their assessment in world populations. Forensic Science International: Genetics, 2017, 28, 118-127.	1.6	19
35	IL1B gene polymorphisms, age and the risk of non-small cell lung cancer in a Chinese population. Lung Cancer, 2015, 89, 232-237.	0.9	18
36	Concept and benchmarks for assessing narrowâ€sense validity of genetic risk score values. Prostate, 2019, 79, 1099-1105.	1.2	18

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37	Intra-Monozygotic Twin Pair Discordance and Longitudinal Variation of Whole-Genome Scale DNA Methylation in Adults. PLoS ONE, 2015, 10, e0135022.	1.1	15
38	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.	1.3	15
39	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.	1.6	14
40	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.	1.0	14
41	Two novel genetic variants in the STK38L and RAB27A genes are associated with glioma susceptibility. International Journal of Cancer, 2019, 145, 2372-2382.	2.3	14
42	Tat-interactive Protein-60KDA (TIP60) Regulates the Tumorigenesis of Lung Cancer In Vitro. Journal of Cancer, 2017, 8, 2277-2281.	1.2	13
43	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.	4.8	12
44	Genetic polymorphism ofSLC31A1is 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.	0.8	12
45	Association of TERT Polymorphisms with Clinical Outcome of Non-Small Cell Lung Cancer Patients. PLoS ONE, 2015, 10, e0129232.	1.1	11
46	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.	1.3	11
47	Detection of MET amplification by droplet digital PCR in peripheral blood samples of non-small cell lung cancer. Journal of Cancer Research and Clinical Oncology, 2023, 149, 1667-1677.	1.2	11
48	Expression and prognostic significance of TCTN1 in human glioblastoma. Journal of Translational Medicine, 2014, 12, 288.	1.8	10
49	Association of EFEMP1 gene polymorphisms with the risk of glioma: A hospital-based caseâ€“control study in a Chinese Han population. Journal of the Neurological Sciences, 2015, 349, 54-59.	0.3	10
50	Genetic variations in the homologous recombination repair pathway genes modify risk of glioma. Journal of Neuro-Oncology, 2016, 126, 11-17.	1.4	10
51	A pharmacogenetics study of platinum-based chemotherapy in lung cancer: ABCG2 polymorphism and its genetic interaction with SLC31A1 are associated with response and survival. Journal of Cancer, 2021, 12, 1270-1283.	1.2	10
52	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.	1.4	10
53	Correction of Beta-Thalassemia IVS-II-654 Mutation in a Mouse Model Using Prime Editing. International Journal of Molecular Sciences, 2022, 23, 5948.	1.8	10
54	TEX15: A DNA repair gene associated with prostate cancer risk in Han Chinese. Prostate, 2017, 77, 1271-1278.	1.2	9

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55	Association of CASP7 Polymorphisms and Survival of Patients With Non-small Cell Lung Cancer With Platinum-Based Chemotherapy Treatment. Chest, 2012, 142, 680-689.	0.4	8
56	Shuttling SLC2A4RG is regulated by 14-3-3Î¸ to modulate cell survival via caspase-3 and caspase-6 in human glioma. EBioMedicine, 2019, 40, 163-175.	2.7	8
57	Genome-wide association study in Chinese cohort identifies one novel hypospadias risk associated locus at 12q13.13. BMC Medical Genomics, 2019, 12, 196.	0.7	8
58	Broadâ€•and narrowâ€sense validity performance of three polygenic risk score methods for prostate cancer risk assessment. Prostate, 2020, 80, 83-87.	1.2	8
59	Association between polymorphisms in the GSTA4 gene and risk of lung cancer: A caseâ€“control study in a Southeastern Chinese population. Molecular Carcinogenesis, 2009, 48, 253-259.	1.3	7
60	Snapback Primer Mediated Clamping PCR for Detection ofEGFRandKRASMutations in NSCLC Patients by High Resolution Melting Analysis. BioMed Research International, 2014, 2014, 1-7.	0.9	7
61	Multi-Omics Analysis in Î²-Thalassemia Using an HBB Gene-Knockout Human Erythroid Progenitor Cell Model. International Journal of Molecular Sciences, 2022, 23, 2807.	1.8	7
62	Polymorphism rs3819102 in thymidylate synthase and environmental factors: effects on lung cancer in Chinese population. Current Problems in Cancer, 2019, 43, 66-74.	1.0	6
63	Prudently conduct the engineering and synthesis of the SARS-CoV-2 virus. Synthetic and Systems Biotechnology, 2020, 5, 59-61.	1.8	6
64	Expanding the Scope of Non-invasive Prenatal Testing to Detect Fetal Chromosomal Copy Number Variations. Frontiers in Molecular Biosciences, 2021, 8, 649169.	1.6	6
65	Establishment of multiplex allele-specific blocker PCR for enrichment and detection of 4 common EGFR mutations in non-small cell lung cancer. Annals of Translational Medicine, 2020, 8, 1509-1509.	0.7	6
66	RICTOR polymorphisms affect efficiency of platinum-based chemotherapy in Chinese non-small-cell lung cancer patients. Pharmacogenomics, 2016, 17, 1637-1647.	0.6	5
67	Global downregulation of pigmentationâ€‘associated genes in human premature hair graying. Experimental and Therapeutic Medicine, 2019, 18, 1155-1163.	0.8	5
68	Prime Editor 3 Mediated Beta-Thalassemia Mutations of the HBB Gene in Human Erythroid Progenitor Cells. International Journal of Molecular Sciences, 2022, 23, 5002.	1.8	5
69	Provincial distribution of three HIV-1 resistant polymorphisms (CCR5-Î”32, CCR2-64I, and SDF1-3â€² A) in China. Science in China Series C: Life Sciences, 2000, 43, 16-20.	1.3	4
70	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, 37-46.	0.9	4
71	Complete sequence data support lack of balancing selection on PRNP in a natural Chinese population. Journal of Human Genetics, 2006, 51, 451-454.	1.1	3
72	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	3

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73	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.	0.8	3
74	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.	0.0	3
75	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, 585-592.	1.3	2
76	Efficient expression of human factor IX cDNA in liver mediated by hydrodynamics-based plasmid administration. Science Bulletin, 2003, 48, 790-795.	1.7	2
77	P73 G4C14â€toâ€A4T14 polymorphism is associated with survival in advanced nonâ€small cell lung cancer patients. Thoracic Cancer, 2017, 8, 63-72.	0.8	2
78	Immunogenicity of branched polyethylene glycol modified interferon alpha. Immunopharmacology and Immunotoxicology, 2018, 40, 35-42.	1.1	2
79	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.	1.6	2
80	Noninvasive prenatal prediction of fetal haplotype with Spearman rank correlation analysis model. Molecular Genetics & Genomic Medicine, 0, , .	0.6	2
81	Novel rAAV production system with low contamination of helper virus. Science Bulletin, 2003, 48, 472-475.	1.7	1
82	Preparation of rAAV/hFIX by HSV/AAV hybrid helper virus and evaluation of its safety. Science Bulletin, 2003, 48, 1369-1374.	1.7	1
83	Long range haplotyping of paired-homologous chromosomes by single-chromosome sequencing of a single cell. Scientific Reports, 2018, 8, 1640.	1.6	1
84	Establishment of a Gene Detection System for Hotspot Mutations of Hearing Loss. BioMed Research International, 2018, 2018, 1-8.	0.9	1
85	Development of a new genetic reference material system based on Saccharomyces cerevisiae cells. Molecular Therapy - Methods and Clinical Development, 2021, 20, 473-482.	1.8	1
86	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.	1.3	0
87	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.	1.7	0
88	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.	1.7	0
89	Logical Framework of Forensic Identification: Ability to Resist Fabricated DNA. Molecular Biotechnology, 2015, 57, 1030-1037.	1.3	0