Lingqian Wu

List of Publications by Year
in descending order

49 papers	1,214 citations	471509 17 h-index	414414 32 g-index
49 all docs	49 docs citations	49 times ranked	1544 citing authors

#	Article	IF	Citations
1	Clinical utility of noninvasive prenatal screening for expanded chromosome disease syndromes. Genetics in Medicine, 2019, 21, 1998-2006.	2.4	158
2	Nonâ€invasive prenatal testing of fetal whole chromosome aneuploidy by massively parallel sequencing. Prenatal Diagnosis, 2013, 33, 409-415.	2.3	134
3	Copy Number Variation Sequencing for Comprehensive Diagnosis of Chromosome Disease Syndromes. Journal of Molecular Diagnostics, 2014, 16, 519-526.	2.8	106
4	Noninvasive Prenatal Testing for Wilson Disease by Use of Circulating Single-Molecule Amplification and Resequencing Technology (cSMART). Clinical Chemistry, 2015, 61, 172-181.	3.2	85
5	A More Universal Approach to Comprehensive Analysis of Thalassemia Alleles (CATSA). Journal of Molecular Diagnostics, 2021, 23, 1195-1204.	2.8	55
6	XRCC2 mutation causes meiotic arrest, azoospermia and infertility. Journal of Medical Genetics, 2018, 55, 628-636.	3.2	54
7	Seamless Genetic Conversion of SMN2 to SMN1 via CRISPR/Cpf1 and Single-Stranded Oligodeoxynucleotides in Spinal Muscular Atrophy Patient-Specific Induced Pluripotent Stem Cells. Human Gene Therapy, 2018, 29, 1252-1263.	2.7	50
8	TALE nickase mediates high efficient targeted transgene integration at the human multi-copy ribosomal DNA locus. Biochemical and Biophysical Research Communications, 2014, 446, 261-266.	2.1	45
9	In situ genetic correction of F8 intron 22 inversion in hemophilia A patient-specific iPSCs. Scientific Reports, 2016, 6, 18865.	3.3	43
10	A syndactyly type IV locus maps to 7q36. Journal of Human Genetics, 2007, 52, 561-564.	2.3	35
11	A ZRS duplication causes syndactyly type IV with tibial hypoplasia. American Journal of Medical Genetics, Part A, 2009, 149A, 816-818.	1.2	35
12	Characterization of chromosomal abnormalities in pregnancy losses reveals critical genes and loci for human early development. Human Mutation, 2017, 38, 669-677.	2.5	28
13	Long-read DNA sequencing fully characterized chromothripsis in a patient with Langerâ€“Giedion syndrome and Cornelia de Lange syndrome-4. Journal of Human Genetics, 2020, 65, 667-674.	2.3	24
14	ssODN-Mediated In-Frame Deletion with CRISPR/Cas9 Restores FVIII Function in Hemophilia A-Patient-Derived iPSCs and ECs. Molecular Therapy - Nucleic Acids, 2019, 17, 198-209.	5.1	23
15	Comprehensive Analysis of Congenital Adrenal Hyperplasia Using Long-Read Sequencing. Clinical Chemistry, 2022, 68, 927-939.	3.2	23
16	Targeting of the Human Coagulation Factor IX Gene at rDNA Locus of Human Embryonic Stem Cells. PLoS ONE, 2012, 7, e37071.	2.5	21
17	Targeted next-generation sequencing identifies novel compound heterozygous mutations of DYNC2H1 in a fetus with short rib-polydactyly syndrome, type III. Clinica Chimica Acta, 2015, 447, 47-51.	1.1	20
18	Enhanced tumor growth inhibition by mesenchymal stem cells derived from iPSCs with targeted integration of interleukin24 into rDNA loci. Oncotarget, 2017, 8, 40791-40803.	1.8	20

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19	Paired CRISPR/Cas9 Nickases Mediate Efficient Site-Specific Integration of F9 into rDNA Locus of Mouse ESCs. International Journal of Molecular Sciences, 2018, 19, 3035.	4.1	19
20	De Novo Mutations of CCNK Cause a Syndromic Neurodevelopmental Disorder with Distinctive Facial Dysmorphism. American Journal of Human Genetics, 2018, 103, 448-455.	6.2	17
21	A novel fusion suicide gene yeast CDglyTK plays a role in radio-gene therapy of nasopharyngeal carcinoma. Cancer Gene Therapy, 2004, 11, 790-796.	4.6	16
22	Site-Specific Integration of TRAIL in iPSC-Derived Mesenchymal Stem Cells for Targeted Cancer Therapy. Stem Cells Translational Medicine, 2022, 11, 297-309.	3.3	16
23	Mesenchymal stem cells derived from iPSCs expressing interleukin-24 inhibit the growth of melanoma in the tumor-bearing mouse model. Cancer Cell International, 2020, 20, 33.	4.1	14
24	Mutational Analyses of the FMR1 Gene in Chinese Pediatric Population of Fragile X Suspects. Journal of Child Neurology, 2015, 30, 803-806.	1.4	12
25	Translocation breakpoint disrupting the host SNHG14 gene but not coding genes or snoRNAs in typical Prader-Willi syndrome. Journal of Human Genetics, 2019, 64, 647-652.	2.3	12
26	Cryptic FMR1 mosaic deletion in a phenotypically normal mother of a boy with fragile X syndrome: case report. BMC Medical Genetics, 2014, 15, 125.	2.1	11
27	Truncating mutations of HIBCH tend to cause severe phenotypes in cases with HIBCH deficiency: a case report and brief literature review. Journal of Human Genetics, 2018, 63, 851-855.	2.3	11
28	Molecular investigation in Chinese patients with primary carnitine deficiency. Molecular Genetics & Genomic Medicine, 2019, 7, e901.	1.2	11
29	A non-viral vector for potential DMD gene therapy study by targeting a minidystrophin-GFP fusion gene into the hrDNA locus. Acta Biochimica Et Biophysica Sinica, 2009, 41, 1053-1060.	2.0	10
30	Nonviral Gene Targeting at rDNA Locus of Human Mesenchymal Stem Cells. BioMed Research International, 2013, 2013, 1-10.	1.9	10
31	A New Next-Generation Sequencing-Based Assay for Concurrent Preimplantation Genetic Diagnosis of Charcot-Marie-Tooth Disease Type 1A and Aneuploidy Screening. Journal of Genetics and Genomics, 2016, 43, 155-159.	3.9	10
32	The Combination of Suicide Gene Therapy and Radiation Enhances the Killing of Nasopharyngeal Carcinoma Xenographs. Journal of Radiation Research, 2004, 45, 281-289.	1.6	8
33	Development and validation of a haplotypeâ€free technique for nonâ€invasive prenatal diagnosis of spinal muscular atrophy. Journal of Clinical Laboratory Analysis, 2020, 34, e23046.	2.1	7
34	Gene Therapy for Hemophilia A: Where We Stand. Current Gene Therapy, 2020, 20, 142-151.	2.0	7
35	Restoration of SMN expression in mesenchymal stem cells derived from gene-targeted patient-specific iPSCs. Journal of Molecular Histology, 2018, 49, 27-37.	2.2	6
36	Loss of PIGK function causes severe infantile encephalopathy and extensive neuronal apoptosis. Human Genetics, 2021, 140, 791-803.	3.8	6

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37	Noninvasive Prenatal Testing of Methylmalonic Acidemia cblC Type Using the cSMART Assay for MMACHC Gene Mutations. Frontiers in Genetics, 2021, 12, 750719.	2.3	6
38	Notable Carrier Risks for Individuals Having Two Copies of SMN1 in Spinal Muscular Atrophy Families with 2â€copy Alleles: Estimation Based on Chinese Metaâ€analysis Data. Journal of Genetic Counseling, 2017, 26, 72-78.	1.6	5
39	Gene Therapy for Hemophilia and Duchenne Muscular Dystrophy in China. Human Gene Therapy, 2018, 29, 146-150.	2.7	5
40	Detection of Spinal Muscular Atrophy Using a Duplexed Real-Time PCR Approach With Locked Nucleic Acid-Modified Primers. Annals of Laboratory Medicine, 2021, 41, 101-107.	2.5	5
41	Targeted addition of mini-dystrophin into rDNA locus of Duchenne muscular dystrophy patient-derived iPSCs. Biochemical and Biophysical Research Communications, 2021, 545, 40-45.	2.1	5
42	Expression of reconstructive hFVIII in the hrDNA by using hrDNA targeting vector. Science Bulletin, 2005, 50, 2187-2192.	1.7	4
43	A family with partial duplication/deletion 4p due to a balanced t (4; 15) (p16.2; p11.2) translocation. American Journal of Medical Genetics, Part A, 2011, 155, 656-659.	1.2	4
44	Targeted exome sequencing identifies novel compound heterozygous mutations in P3H1 in a fetus with osteogenesis imperfecta type VIII. Clinica Chimica Acta, 2017, 464, 170-175.	1.1	4
45	An Episomal CRISPR/Cas12a System for Mediating Efficient Gene Editing. Life, 2021, 11, 1262.	2.4	4
46	Ectopic Expression of FVIII in HPCs and MSCs Derived from hiPSCs with Site-Specific Integration of ITGA2B Promoter-Driven BDDF8 Gene in Hemophilia A. International Journal of Molecular Sciences, 2022, 23, 623.	4.1	4
47	REDBot: Natural language process methods for clinical copy number variation reporting in prenatal and products of conception diagnosis. Molecular Genetics & Genomic Medicine, 2020, 8, e1488.	1.2	3
48	Ectopic expression of factor VIII in MSCs and hepatocytes derived from rDNA targeted hESCs. Clinica Chimica Acta, 2019, 495, 656-663.	1.1	2
49	Investigation of hrDNA targeting vector-mediated tumor-specific suicide gene therapy for hepatocellular carcinoma. Science Bulletin, 2006, 51, 2342-2350.	1.7	1