Zhengfeng Xu

List of Publications by Year in Descending Order

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Version: 2024-04-25

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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.

35 papers	743 citations	12 h-index	27 g-index
38 ext. papers	921 ext. citations	4.8 avg, IF	3.38 L-index

#	Paper	IF	Citations
35	A capillary electrophoresis-based multiplex PCR assay for expanded carrier screening in the eastern Han Chinese population.. *Npj Genomic Medicine*, **2022**, 7, 6	6.2	
34	Proline-rich transmembrane protein 2 specifically binds to GluA1 but has no effect on AMPA receptor-mediated synaptic transmission.. *Journal of Clinical Laboratory Analysis*, **2022**, e24196	3	1
33	DdCBE-mediated mitochondrial base editing in human 3PN embryos.. *Cell Discovery*, **2022**, 8, 8	22.3	2
32	Pregnancy outcomes of rare autosomal trisomies results in non-invasive prenatal screening: clinical follow-up data from a single tertiary centre.. *Journal of Cellular and Molecular Medicine*, **2022**,	5.6	1
31	Whole-transcriptome sequencing identifies key mRNAs, miRNAs, lncRNAs, and circRNAs associated with unexplained recurrent pregnancy loss.. *Cell and Tissue Research*, **2022**, 1	4.2	0
30	Comprehensive evaluation of genetic variants using chromosomal microarray analysis and exome sequencing in fetuses with congenital heart defect. *Ultrasound in Obstetrics and Gynecology*, **2021**, 58, 377-387	5.8	11
29	A novel LGI1 mutation causing autosomal dominant lateral temporal lobe epilepsy confirmed by a precise knock-in mouse model. *CNS Neuroscience and Therapeutics*, **2021**,	6.8	2
28	Diagnosis of Shashi-Pena Syndrome Caused by Chromosomal Rearrangement Using Nanopore Sequencing. *Neurology: Genetics*, **2021**, 7, e635	3.8	1
27	Analysis of Biomarkers for Congenital Heart Disease Based on Maternal Amniotic Fluid Metabolomics. *Frontiers in Cardiovascular Medicine*, **2021**, 8, 671191	5.4	3
26	Identification of Chromosomal Abnormalities in Early Pregnancy Loss Using a High-Throughput Ligation-Dependent Probe Amplification-Based Assay. *Journal of Molecular Diagnostics*, **2021**, 23, 38-45	5.1	2
25	Current attitudes and preconceptions towards expanded carrier screening in the Eastern Chinese reproductive-aged population. *Journal of Assisted Reproduction and Genetics*, **2021**, 38, 697-707	3.4	2
24	Analysis of microbial differences in amniotic fluid between advanced and normal age pregnant women. *Journal of Translational Medicine*, **2021**, 19, 320	8.5	1
23	Relationship between amniotic fluid metabolic profile with fetal gender, maternal age, and gestational week. *BMC Pregnancy and Childbirth*, **2021**, 21, 638	3.2	
22	Analyzing false-negative results detected in low-risk non-invasive prenatal screening cases. *Molecular Genetics & Genomic Medicine*, **2020**, 8, e1185	2.3	1
21	Carrier Screening and Prenatal Diagnosis for Spinal Muscular Atrophy in 13,069 Chinese Pregnant Women. *Journal of Molecular Diagnostics*, **2020**, 22, 817-822	5.1	5
20	Molecular diagnostic in fetuses with isolated congenital anomalies of the kidney and urinary tract by whole-exome sequencing. *Journal of Clinical Laboratory Analysis*, **2020**, 34, e23480	3	5
19	Systematic analysis of copy-number variations associated with early pregnancy loss. *Ultrasound in Obstetrics and Gynecology*, **2020**, 55, 96-104	5.8	23

18	An enrichment method to increase cell-free fetal DNA fraction and significantly reduce false negatives and test failures for non-invasive prenatal screening: a feasibility study. *Journal of Translational Medicine*, **2019**, 17, 124	8.5	28
17	A De Novo heterozygous frameshift mutation identified in BCL11B causes neurodevelopmental disorder by whole exome sequencing. *Molecular Genetics & Genomic Medicine*, **2019**, 7, e897	2.3	7
16	A novel splice site mutation in the UBE2A gene leads to aberrant mRNA splicing in a Chinese patient with X-linked intellectual disability type Nascimento. *Molecular Genetics & Genomic Medicine*, **2019**, 7, e976	2.3	4
15	Genetic analysis of 62 Chinese families with Duchenne muscular dystrophy and strategies of prenatal diagnosis in a single center. *BMC Medical Genetics*, **2019**, 20, 180	2.1	5
14	Application of next-generation sequencing for the diagnosis of fetuses with congenital heart defects. *Current Opinion in Obstetrics and Gynecology*, **2019**, 31, 132-138	2.4	0
13	Copy number variations and fetal ventriculomegaly. *Current Opinion in Obstetrics and Gynecology*, **2018**, 30, 104-110	2.4	11
12	Clinical application of targeted next-generation sequencing in fetuses with congenital heart defect. *Ultrasound in Obstetrics and Gynecology*, **2018**, 52, 205-211	5.8	27
11	Identification and characterization of a novel 43-bp deletion mutation of the ATP7B gene in a Chinese patient with Wilson□s disease: a case report. *BMC Medical Genetics*, **2018**, 19, 61	2.1	3
10	Prenatal chromosomal microarray analysis in fetuses with congenital heart disease: a prospective cohort study. *American Journal of Obstetrics and Gynecology*, **2018**, 218, 244.e1-244.e17	6.4	37
9	Perinatal outcomes following cell-free DNA screening in >32□000 women: Clinical follow-up data from a single tertiary center. *Prenatal Diagnosis*, **2018**, 38, 755-764	3.2	21
8	Clinical application of whole-genome low-coverage next-generation sequencing to detect and characterize balanced chromosomal translocations. *Clinical Genetics*, **2017**, 91, 605-610	4	18
7	Clinical application of SNP array analysis in first-trimester pregnancy loss: a prospective study. *Clinical Genetics*, **2017**, 91, 849-858	4	45
6	Low-pass whole-genome sequencing in clinical cytogenetics: a validated approach. *Genetics in Medicine*, **2016**, 18, 940-8	8.1	94
5	Molecular characterization of ring chromosome 18 by low-coverage next generation sequencing. *BMC Medical Genetics*, **2015**, 16, 57	2.1	3
4	Novel missense variants of ZFPM2/FOG2 identified in conotruncal heart defect patients do not impair interaction with GATA4. *PLoS ONE*, **2014**, 9, e102379	3.7	15
3	A method for noninvasive detection of fetal large deletions/duplications by low coverage massively parallel sequencing. *Prenatal Diagnosis*, **2013**, 33, 584-90	3.2	84
2	Clinical application of massively parallel sequencing-based prenatal noninvasive fetal trisomy test for trisomies 21 and 18 in 11,105 pregnancies with mixed risk factors. *Prenatal Diagnosis*, **2012**, 32, 1225-32	3.2	168
1	The adipocyte lipid-binding protein at 1.6-A resolution. Crystal structures of the apoprotein and with bound saturated and unsaturated fatty acids. *Journal of Biological Chemistry*, **1993**, 268, 7874-84	5.4	111