

# Zhengfeng Xu

## List of Publications by Citations

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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	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. <i>Prenatal Diagnosis</i> , <b>2012</b> , 32, 1225-32	3.2	168
34	The adipocyte lipid-binding protein at 1.6-Å resolution. Crystal structures of the apoprotein and with bound saturated and unsaturated fatty acids. <i>Journal of Biological Chemistry</i> , <b>1993</b> , 268, 7874-84	5.4	111
33	Low-pass whole-genome sequencing in clinical cytogenetics: a validated approach. <i>Genetics in Medicine</i> , <b>2016</b> , 18, 940-8	8.1	94
32	A method for noninvasive detection of fetal large deletions/duplications by low coverage massively parallel sequencing. <i>Prenatal Diagnosis</i> , <b>2013</b> , 33, 584-90	3.2	84
31	Clinical application of SNP array analysis in first-trimester pregnancy loss: a prospective study. <i>Clinical Genetics</i> , <b>2017</b> , 91, 849-858	4	45
30	Prenatal chromosomal microarray analysis in fetuses with congenital heart disease: a prospective cohort study. <i>American Journal of Obstetrics and Gynecology</i> , <b>2018</b> , 218, 244.e1-244.e17	6.4	37
29	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. <i>Journal of Translational Medicine</i> , <b>2019</b> , 17, 124	8.5	28
28	Clinical application of targeted next-generation sequencing in fetuses with congenital heart defect. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2018</b> , 52, 205-211	5.8	27
27	Systematic analysis of copy-number variations associated with early pregnancy loss. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2020</b> , 55, 96-104	5.8	23
26	Perinatal outcomes following cell-free DNA screening in >32,000 women: Clinical follow-up data from a single tertiary center. <i>Prenatal Diagnosis</i> , <b>2018</b> , 38, 755-764	3.2	21
25	Clinical application of whole-genome low-coverage next-generation sequencing to detect and characterize balanced chromosomal translocations. <i>Clinical Genetics</i> , <b>2017</b> , 91, 605-610	4	18
24	Novel missense variants of ZFPM2/FOG2 identified in conotruncal heart defect patients do not impair interaction with GATA4. <i>PLoS ONE</i> , <b>2014</b> , 9, e102379	3.7	15
23	Comprehensive evaluation of genetic variants using chromosomal microarray analysis and exome sequencing in fetuses with congenital heart defect. <i>Ultrasound in Obstetrics and Gynecology</i> , <b>2021</b> , 58, 377-387	5.8	11
22	Copy number variations and fetal ventriculomegaly. <i>Current Opinion in Obstetrics and Gynecology</i> , <b>2018</b> , 30, 104-110	2.4	11
21	A De Novo heterozygous frameshift mutation identified in BCL11B causes neurodevelopmental disorder by whole exome sequencing. <i>Molecular Genetics &amp; Genomic Medicine</i> , <b>2019</b> , 7, e897	2.3	7
20	Carrier Screening and Prenatal Diagnosis for Spinal Muscular Atrophy in 13,069 Chinese Pregnant Women. <i>Journal of Molecular Diagnostics</i> , <b>2020</b> , 22, 817-822	5.1	5
19	Molecular diagnostic in fetuses with isolated congenital anomalies of the kidney and urinary tract by whole-exome sequencing. <i>Journal of Clinical Laboratory Analysis</i> , <b>2020</b> , 34, e23480	3	5

18	Genetic analysis of 62 Chinese families with Duchenne muscular dystrophy and strategies of prenatal diagnosis in a single center. <i>BMC Medical Genetics</i> , <b>2019</b> , 20, 180	2.1	5
17	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. <i>Molecular Genetics &amp; Genomic Medicine</i> , <b>2019</b> , 7, e976	2.3	4
16	Molecular characterization of ring chromosome 18 by low-coverage next generation sequencing. <i>BMC Medical Genetics</i> , <b>2015</b> , 16, 57	2.1	3
15	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. <i>BMC Medical Genetics</i> , <b>2018</b> , 19, 61	2.1	3
14	Analysis of Biomarkers for Congenital Heart Disease Based on Maternal Amniotic Fluid Metabolomics. <i>Frontiers in Cardiovascular Medicine</i> , <b>2021</b> , 8, 671191	5.4	3
13	DdCBE-mediated mitochondrial base editing in human 3PN embryos.. <i>Cell Discovery</i> , <b>2022</b> , 8, 8	22.3	2
12	A novel LGI1 mutation causing autosomal dominant lateral temporal lobe epilepsy confirmed by a precise knock-in mouse model. <i>CNS Neuroscience and Therapeutics</i> , <b>2021</b> ,	6.8	2
11	Identification of Chromosomal Abnormalities in Early Pregnancy Loss Using a High-Throughput Ligation-Dependent Probe Amplification-Based Assay. <i>Journal of Molecular Diagnostics</i> , <b>2021</b> , 23, 38-45	5.1	2
10	Current attitudes and preconceptions towards expanded carrier screening in the Eastern Chinese reproductive-aged population. <i>Journal of Assisted Reproduction and Genetics</i> , <b>2021</b> , 38, 697-707	3.4	2
9	Analyzing false-negative results detected in low-risk non-invasive prenatal screening cases. <i>Molecular Genetics &amp; Genomic Medicine</i> , <b>2020</b> , 8, e1185	2.3	1
8	Proline-rich transmembrane protein 2 specifically binds to GluA1 but has no effect on AMPA receptor-mediated synaptic transmission.. <i>Journal of Clinical Laboratory Analysis</i> , <b>2022</b> , e24196	3	1
7	Diagnosis of Shashi-Pena Syndrome Caused by Chromosomal Rearrangement Using Nanopore Sequencing. <i>Neurology: Genetics</i> , <b>2021</b> , 7, e635	3.8	1
6	Analysis of microbial differences in amniotic fluid between advanced and normal age pregnant women. <i>Journal of Translational Medicine</i> , <b>2021</b> , 19, 320	8.5	1
5	Pregnancy outcomes of rare autosomal trisomies results in non-invasive prenatal screening: clinical follow-up data from a single tertiary centre.. <i>Journal of Cellular and Molecular Medicine</i> , <b>2022</b> ,	5.6	1
4	Application of next-generation sequencing for the diagnosis of fetuses with congenital heart defects. <i>Current Opinion in Obstetrics and Gynecology</i> , <b>2019</b> , 31, 132-138	2.4	0
3	Whole-transcriptome sequencing identifies key mRNAs, miRNAs, lncRNAs, and circRNAs associated with unexplained recurrent pregnancy loss.. <i>Cell and Tissue Research</i> , <b>2022</b> , 1	4.2	0
2	A capillary electrophoresis-based multiplex PCR assay for expanded carrier screening in the eastern Han Chinese population.. <i>Npj Genomic Medicine</i> , <b>2022</b> , 7, 6	6.2	
1	Relationship between amniotic fluid metabolic profile with fetal gender, maternal age, and gestational week. <i>BMC Pregnancy and Childbirth</i> , <b>2021</b> , 21, 638	3.2	

