Jun-Yu Zhang

List of Publications by Citations

50 papers	653 citations	14 h-index	23 g-index
55 ext. papers	858 ext. citations	4 avg, IF	3.45 L-index

#	Paper	IF	Citations
50	HLA-B*58:01 allele is associated with augmented risk for both mild and severe cutaneous adverse reactions induced by allopurinol in Han Chinese. *Pharmacogenomics*, **2012**, 13, 1193-201	2.6	76
49	Alternative splicing of the androgen receptor in polycystic ovary syndrome. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 4743-8	11.5	65
48	Aberrant expression and DNA methylation of lipid metabolism genes in PCOS: a new insight into its pathogenesis. *Clinical Epigenetics*, **2018**, 10, 6	7.7	40
47	Cardiovascular dysfunction in offspring of ovarian-hyperstimulated women and effects of estradiol and progesterone: a retrospective cohort study and proteomics analysis. *Journal of Clinical Endocrinology and Metabolism*, **2014**, 99, E2494-503	5.6	37
46	Up-regulated expression and aberrant DNA methylation of LEP and SH3PXD2A in pre-eclampsia. *PLoS ONE*, **2013**, 8, e59753	3.7	30
45	SASH1 regulates melanocyte transepithelial migration through a novel G-SASH1-IQGAP1-E-Cadherin dependent pathway. *Cellular Signalling*, **2013**, 25, 1526-38	4.9	27
44	Preliminary proteomic analysis on the alterations in follicular fluid proteins from women undergoing natural cycles or controlled ovarian hyperstimulation. *Journal of Assisted Reproduction and Genetics*, **2015**, 32, 417-27	3.4	25
43	DNA methylome profiling of maternal peripheral blood and placentas reveal potential fetal DNA markers for non-invasive prenatal testing. *Molecular Human Reproduction*, **2014**, 20, 875-84	4.4	24
42	Androgens as double-edged swords: Induction and suppression of follicular development. *Hormones*, **2015**, 14, 190-200	3.1	22
41	Effects of SASH1 on melanoma cell proliferation and apoptosis in vitro. *Molecular Medicine Reports*, **2012**, 6, 1243-8	2.9	21
40	Integrated Transcriptome Sequencing Analysis Reveals Role of miR-138-5p/ TBL1X in Placenta from Gestational Diabetes Mellitus. *Cellular Physiology and Biochemistry*, **2018**, 51, 630-646	3.9	21
39	A functional alternative splicing mutation in AIRE gene causes autoimmune polyendocrine syndrome type 1. *PLoS ONE*, **2013**, 8, e53981	3.7	19
38	Differential proteomic analysis of umbilical artery tissue from preeclampsia patients, using iTRAQ isobaric tags and 2D nano LC-MS/MS. *Journal of Proteomics*, **2015**, 112, 262-73	3.9	16
37	Transcriptome sequencing of adenomyosis eutopic endometrium: A new insight into its pathophysiology. *Journal of Cellular and Molecular Medicine*, **2019**, 23, 8381-8391	5.6	14
36	Identification of significant biomarkers and pathways associated with gastric carcinogenesis by whole genome-wide expression profiling analysis. *International Journal of Oncology*, **2018**, 52, 955-966	4.4	14
35	Identification of novel PKD1 and PKD2 mutations in a Chinese population with autosomal dominant polycystic kidney disease. *Scientific Reports*, **2015**, 5, 17468	4.9	14
34	Clinical Interpretation of Sequence Variants. *Current Protocols in Human Genetics*, **2020**, 106, e98	3.2	13

33	Identification of PKD2 mutations in human preimplantation embryos in vitro using a combination of targeted next-generation sequencing and targeted haplotyping. *Scientific Reports*, **2016**, 6, 25488	4.9	13
32	Prevalence of Prediabetes Risk in Offspring Born to Mothers with Hyperandrogenism. *EBioMedicine* , **2017**, 16, 275-283	8.8	12
31	XCI-escaping gene KDM5C contributes to ovarian development via downregulating miR-320a. *Human Genetics*, **2017**, 136, 227-239	6.3	12
30	Methylenetetrahydrofolate reductase gene polymorphisms and cerebral palsy in Chinese infants. *Journal of Human Genetics*, **2011**, 56, 17-21	4.3	12
29	A copy number variation genotyping method for aneuploidy detection in spontaneous abortion specimens. *Prenatal Diagnosis*, **2017**, 37, 176-183	3.2	10
28	Association between premature ovarian failure, polymorphisms in MTHFR and MTRR genes and serum homocysteine concentration. *Reproductive BioMedicine Online*, **2016**, 32, 407-13	4	10
27	Ildr1b is essential for semicircular canal development, migration of the posterior lateral line primordium and hearing ability in zebrafish: implications for a role in the recessive hearing impairment DFNB42. *Human Molecular Genetics*, **2014**, 23, 6201-11	5.6	10
26	Altered DNA methylation in neonates born large-for-gestational-age is associated with cardiometabolic risk in children. *Oncotarget*, **2016**, 7, 86511-86521	3.3	10
25	Preimplantation Genetic Diagnosis of Multiple Endocrine Neoplasia Type 2A Using Informative Markers Identified by Targeted Sequencing. *Thyroid*, **2018**, 28, 281-287	6.2	9
24	B4GALT1 expression predicts prognosis and adjuvant chemotherapy benefits in muscle-invasive bladder cancer patients. *BMC Cancer*, **2018**, 18, 590	4.8	9
23	Epigenome-wide association data implicate fetal/maternal adaptations contributing to clinical outcomes in preeclampsia. *Epigenomics*, **2019**, 11, 1003-1019	4.4	9
22	Altered protein expression profiles in umbilical veins: insights into vascular dysfunctions of the children born after in vitro fertilization. *Biology of Reproduction*, **2014**, 91, 71	3.9	8
21	The adenosine deaminase acting on RNA 1 p150 isoform is involved in the pathogenesis of dyschromatosis symmetrica hereditaria. *British Journal of Dermatology*, **2013**, 169, 637-44	4	8
20	Basonuclin 1 deficiency causes testicular premature aging: BNC1 cooperates with TAF7L to regulate spermatogenesis. *Journal of Molecular Cell Biology*, **2020**, 12, 71-83	6.3	6
19	Altered Matrix Metalloproteinases Expression in Placenta from Patients with Gestational Diabetes Mellitus. *Chinese Medical Journal*, **2018**, 131, 1255-1258	2.9	5
18	The role of the TOB1 gene in growth suppression of hepatocellular carcinoma. *Oncology Letters*, **2012**, 4, 981-987	2.6	4
17	Comprehensive preimplantation genetic testing by massively parallel sequencing. *Human Reproduction*, **2021**, 36, 236-247	5.7	3
16	Targeted Sequencing and RNA Assay Reveal a Noncanonical Splicing Variant Causing Alagille Syndrome. *Frontiers in Genetics*, **2019**, 10, 1363	4.5	3

15	Genome sequencing analysis of a family with a child displaying severe abdominal distention and recurrent hypoglycemia. *Molecular Genetics & Genomic Medicine*, **2020**, 8, e1130	2.3	3
14	Targeted sequencing identifies a novel SH2D1A pathogenic variant in a Chinese family: Carrier screening and prenatal genetic testing. *PLoS ONE*, **2017**, 12, e0172173	3.7	3
13	Identification of Key Genes and Pathways Associated with Age-Related Macular Degeneration. *Journal of Ophthalmology*, **2020**, 2020, 2714746	2	3
12	Intrauterine hyperglycemia impairs memory across two generations. *Translational Psychiatry*, **2021**, 11, 434	8.6	3
11	Expanding the Scope of Non-invasive Prenatal Testing to Detect Fetal Chromosomal Copy Number Variations. *Frontiers in Molecular Biosciences*, **2021**, 8, 649169	5.6	2
10	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	5.6	2
9	Genetic association study of phosphodiesterase 8B gene with subclinical hypothyroidism in pregnant women. *Endocrine Research*, **2015**, 40, 199-203	1.9	1
8	Exome sequencing and RNA analysis identify two novel CPLANE1 variants causing Joubert syndrome.. *Molecular Genetics & Genomic Medicine*, **2022**, e1877	2.3	1
7	Case Report: Preimplantation Genetic Testing and Pregnancy Outcomes in Women With Alport Syndrome. *Frontiers in Genetics*, **2021**, 12, 633003	4.5	1
6	Comparison of Genome-Wide DNA Methylation Profiles of Human Fetal Tissues Conceived by Fertilization and Natural Conception. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 694769	5.7	1
5	A rare cardiac phenotype of dextrocardia observed in a fetus with 1p36 deletion syndrome and a balanced translocation: a prenatal case report. *Molecular Cytogenetics*, **2020**, 13, 48	2	0
4	A Comparative Study of Two PET Verification Methods in Clinical Cases. *Frontiers in Oncology*, **2021**, 11, 617787	5.3	0
3	Preimplantation Genetic Testing for a Chinese Family With X-Linked Lymphoproliferative Syndrome Type 1. *Frontiers in Genetics*, **2020**, 11, 550507	4.5	
2	The effect of blastomere loss during frozen embryo transfer on the transcriptome of offspring's umbilical cord blood. *Molecular Biology Reports*, **2020**, 47, 8407-8417	2.8	
1	Integrated facial analysis and targeted sequencing identifies a novel KDM6A pathogenic variant resulting in Kabuki syndrome. *Journal of Bio-X Research*, **2018**, 1, 140-146	0.4	