

Jun-Yu Zhang

List of Publications by Year in Descending Order

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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.

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	Exome sequencing and RNA analysis identify two novel CPLANE1 variants causing Joubert syndrome.. <i>Molecular Genetics & Genomic Medicine</i> , 2022 , e1877	2.3	1
49	Comprehensive preimplantation genetic testing by massively parallel sequencing. <i>Human Reproduction</i> , 2021 , 36, 236-247	5.7	3
48	Expanding the Scope of Non-invasive Prenatal Testing to Detect Fetal Chromosomal Copy Number Variations. <i>Frontiers in Molecular Biosciences</i> , 2021 , 8, 649169	5.6	2
47	Case Report: Preimplantation Genetic Testing and Pregnancy Outcomes in Women With Alport Syndrome. <i>Frontiers in Genetics</i> , 2021 , 12, 633003	4.5	1
46	Comparison of Genome-Wide DNA Methylation Profiles of Human Fetal Tissues Conceived by Fertilization and Natural Conception. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 694769	5.7	1
45	Intrauterine hyperglycemia impairs memory across two generations. <i>Translational Psychiatry</i> , 2021 , 11, 434	8.6	3
44	A Comparative Study of Two PET Verification Methods in Clinical Cases. <i>Frontiers in Oncology</i> , 2021 , 11, 617787	5.3	0
43	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.. <i>Frontiers in Molecular Biosciences</i> , 2021 , 8, 749842	5.6	2
42	Preimplantation Genetic Testing for a Chinese Family With X-Linked Lymphoproliferative Syndrome Type 1. <i>Frontiers in Genetics</i> , 2020 , 11, 550507	4.5	
41	Basonuclin 1 deficiency causes testicular premature aging: BNC1 cooperates with TAF7L to regulate spermatogenesis. <i>Journal of Molecular Cell Biology</i> , 2020 , 12, 71-83	6.3	6
40	Genome sequencing analysis of a family with a child displaying severe abdominal distention and recurrent hypoglycemia. <i>Molecular Genetics & Genomic Medicine</i> , 2020 , 8, e1130	2.3	3
39	Clinical Interpretation of Sequence Variants. <i>Current Protocols in Human Genetics</i> , 2020 , 106, e98	3.2	13
38	The effect of blastomere loss during frozen embryo transfer on the transcriptome of offspring& umbilical cord blood. <i>Molecular Biology Reports</i> , 2020 , 47, 8407-8417	2.8	
37	A rare cardiac phenotype of dextrocardia observed in a fetus with 1p36 deletion syndrome and a balanced translocation: a prenatal case report. <i>Molecular Cytogenetics</i> , 2020 , 13, 48	2	0
36	Identification of Key Genes and Pathways Associated with Age-Related Macular Degeneration. <i>Journal of Ophthalmology</i> , 2020 , 2020, 2714746	2	3
35	Transcriptome sequencing of adenomyosis eutopic endometrium: A new insight into its pathophysiology. <i>Journal of Cellular and Molecular Medicine</i> , 2019 , 23, 8381-8391	5.6	14
34	Targeted Sequencing and RNA Assay Reveal a Noncanonical Splicing Variant Causing Alagille Syndrome. <i>Frontiers in Genetics</i> , 2019 , 10, 1363	4.5	3

33	Epigenome-wide association data implicate fetal/maternal adaptations contributing to clinical outcomes in preeclampsia. <i>Epigenomics</i> , 2019 , 11, 1003-1019	4.4	9
32	Preimplantation Genetic Diagnosis of Multiple Endocrine Neoplasia Type 2A Using Informative Markers Identified by Targeted Sequencing. <i>Thyroid</i> , 2018 , 28, 281-287	6.2	9
31	Identification of significant biomarkers and pathways associated with gastric carcinogenesis by whole genome-wide expression profiling analysis. <i>International Journal of Oncology</i> , 2018 , 52, 955-966	4.4	14
30	B4GALT1 expression predicts prognosis and adjuvant chemotherapy benefits in muscle-invasive bladder cancer patients. <i>BMC Cancer</i> , 2018 , 18, 590	4.8	9
29	Aberrant expression and DNA methylation of lipid metabolism genes in PCOS: a new insight into its pathogenesis. <i>Clinical Epigenetics</i> , 2018 , 10, 6	7.7	40
28	Altered Matrix Metalloproteinases Expression in Placenta from Patients with Gestational Diabetes Mellitus. <i>Chinese Medical Journal</i> , 2018 , 131, 1255-1258	2.9	5
27	Integrated facial analysis and targeted sequencing identifies a novel KDM6A pathogenic variant resulting in Kabuki syndrome. <i>Journal of Bio-X Research</i> , 2018 , 1, 140-146	0.4	
26	Integrated Transcriptome Sequencing Analysis Reveals Role of miR-138-5p/ TBL1X in Placenta from Gestational Diabetes Mellitus. <i>Cellular Physiology and Biochemistry</i> , 2018 , 51, 630-646	3.9	21
25	Prevalence of Prediabetes Risk in Offspring Born to Mothers with Hyperandrogenism. <i>EBioMedicine</i> , 2017 , 16, 275-283	8.8	12
24	XCI-escaping gene KDM5C contributes to ovarian development via downregulating miR-320a. <i>Human Genetics</i> , 2017 , 136, 227-239	6.3	12
23	A copy number variation genotyping method for aneuploidy detection in spontaneous abortion specimens. <i>Prenatal Diagnosis</i> , 2017 , 37, 176-183	3.2	10
22	Targeted sequencing identifies a novel SH2D1A pathogenic variant in a Chinese family: Carrier screening and prenatal genetic testing. <i>PLoS ONE</i> , 2017 , 12, e0172173	3.7	3
21	Identification of PKD2 mutations in human preimplantation embryos in vitro using a combination of targeted next-generation sequencing and targeted haplotyping. <i>Scientific Reports</i> , 2016 , 6, 25488	4.9	13
20	Association between premature ovarian failure, polymorphisms in MTHFR and MTRR genes and serum homocysteine concentration. <i>Reproductive BioMedicine Online</i> , 2016 , 32, 407-13	4	10
19	Altered DNA methylation in neonates born large-for-gestational-age is associated with cardiometabolic risk in children. <i>Oncotarget</i> , 2016 , 7, 86511-86521	3.3	10
18	Preliminary proteomic analysis on the alterations in follicular fluid proteins from women undergoing natural cycles or controlled ovarian hyperstimulation. <i>Journal of Assisted Reproduction and Genetics</i> , 2015 , 32, 417-27	3.4	25
17	Genetic association study of phosphodiesterase 8B gene with subclinical hypothyroidism in pregnant women. <i>Endocrine Research</i> , 2015 , 40, 199-203	1.9	1
16	Alternative splicing of the androgen receptor in polycystic ovary syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 4743-8	11.5	65

15	Differential proteomic analysis of umbilical artery tissue from preeclampsia patients, using iTRAQ isobaric tags and 2D nano LC-MS/MS. <i>Journal of Proteomics</i> , 2015 , 112, 262-73	3.9	16
14	Identification of novel PKD1 and PKD2 mutations in a Chinese population with autosomal dominant polycystic kidney disease. <i>Scientific Reports</i> , 2015 , 5, 17468	4.9	14
13	Androgens as double-edged swords: Induction and suppression of follicular development. <i>Hormones</i> , 2015 , 14, 190-200	3.1	22
12	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. <i>Human Molecular Genetics</i> , 2014 , 23, 6201-11	5.6	10
11	DNA methylome profiling of maternal peripheral blood and placentas reveal potential fetal DNA markers for non-invasive prenatal testing. <i>Molecular Human Reproduction</i> , 2014 , 20, 875-84	4.4	24
10	Cardiovascular dysfunction in offspring of ovarian-hyperstimulated women and effects of estradiol and progesterone: a retrospective cohort study and proteomics analysis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, E2494-503	5.6	37
9	Altered protein expression profiles in umbilical veins: insights into vascular dysfunctions of the children born after in vitro fertilization. <i>Biology of Reproduction</i> , 2014 , 91, 71	3.9	8
8	SASH1 regulates melanocyte transepithelial migration through a novel Gβ-SASH1-IQGAP1-E-Cadherin dependent pathway. <i>Cellular Signalling</i> , 2013 , 25, 1526-38	4.9	27
7	Up-regulated expression and aberrant DNA methylation of LEP and SH3PXD2A in pre-eclampsia. <i>PLoS ONE</i> , 2013 , 8, e59753	3.7	30
6	The adenosine deaminase acting on RNA 1 p150 isoform is involved in the pathogenesis of dyschromatosis symmetrica hereditaria. <i>British Journal of Dermatology</i> , 2013 , 169, 637-44	4	8
5	A functional alternative splicing mutation in AIRE gene causes autoimmune polyendocrine syndrome type 1. <i>PLoS ONE</i> , 2013 , 8, e53981	3.7	19
4	The role of the TOB1 gene in growth suppression of hepatocellular carcinoma. <i>Oncology Letters</i> , 2012 , 4, 981-987	2.6	4
3	HLA-B*58:01 allele is associated with augmented risk for both mild and severe cutaneous adverse reactions induced by allopurinol in Han Chinese. <i>Pharmacogenomics</i> , 2012 , 13, 1193-201	2.6	76
2	Effects of SASH1 on melanoma cell proliferation and apoptosis in vitro. <i>Molecular Medicine Reports</i> , 2012 , 6, 1243-8	2.9	21
1	Methylenetetrahydrofolate reductase gene polymorphisms and cerebral palsy in Chinese infants. <i>Journal of Human Genetics</i> , 2011 , 56, 17-21	4.3	12