Rui-Zhi Liu

List of Publications by Year
in descending order

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		759233	839539
70	525	12	18
papers	citations	h-index	g-index

81	81	81	623
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Male infertility in China: laboratory finding for AZF microdeletions and chromosomal abnormalities in infertile men from Northeastern China. Journal of Assisted Reproduction and Genetics, 2010, 27, 391-396.	2.5	36
2	Effect of chromosomal polymorphisms of different genders on fertilization rate of fresh IVFâ€“ICSI embryo transfer cycles. Reproductive BioMedicine Online, 2014, 29, 436-444.	2.4	27
3	Effect of sperm DNA fragmentation on clinical outcomes for Chinese couples undergoing inÂvitro fertilization or intracytoplasmic sperm injection. Journal of International Medical Research, 2016, 44, 1283-1291.	1.0	25
4	BMP6 Downregulates GDNF Expression Through SMAD1/5 and ERK1/2 Signaling Pathways in Human Granulosa-Lutein Cells. Endocrinology, 2018, 159, 2926-2938.	2.8	22
5	Effect of maternal age on spontaneous abortion during the first trimester in Northeast China. Journal of Maternal-Fetal and Neonatal Medicine, 2018, 31, 1824-1829.	1.5	21
6	Impact of chromosomal heteromorphisms on reproductive failure and analysis of 38 heteromorphic pedigrees in Northeast China. Journal of Assisted Reproduction and Genetics, 2013, 30, 275-281.	2.5	20
7	Differential activation of noncanonical SMAD2/SMAD3 signaling by bone morphogenetic proteins causes disproportionate induction of hyaluronan production in immortalized human granulosa cells. Molecular and Cellular Endocrinology, 2016, 428, 17-27.	3.2	19
8	Chromosomal copy number variations in products of conception from spontaneous abortion by next-generation sequencing technology. Medicine (United States), 2019, 98, e18041.	1.0	17
9	Effect of p62 on tau hyperphosphorylation in a rat model of Alzheimer's disease. Neural Regeneration Research, 2012, 7, 1304-11.	3.0	17
10	Associations between DNAH1 gene polymorphisms and male infertility. Medicine (United States), 2018, 97, e13493.	1.0	16
11	Complete Azoospermia Factor b Deletion of Y Chromosome in an Infertile Male With Severe Oligoasthenozoospermia: Case Report and Literature Review. Urology, 2017, 102, 111-115.	1.0	14
12	AZFa Microdeletions: Occurrence in Chinese Infertile Men and Novel Deletions Revealed by Semiconductor Sequencing. Urology, 2017, 107, 76-81.	1.0	13
13	The difference between karyotype analysis and chromosome microarray for mosaicism of aneuploid chromosomes in prenatal diagnosis. Journal of Clinical Laboratory Analysis, 2020, 34, e23514.	2.1	12
14	Pregnancy and Neonatal Outcomes in Azoospermic Men After Intracytoplasmic Sperm Injection Using Testicular Sperm and Donor Sperm. Medical Science Monitor, 2018, 24, 6968-6974.	1.1	12
15	Prevalence and patterns of Y chromosome microdeletion in infertile men with azoospermia and oligzoospermia in Northeast China. Iranian Journal of Reproductive Medicine, 2014, 12, 383-8.	0.8	12
16	Natural Transmission of b2/b3 Subdeletion or Duplication to Expanded Y Chromosome Microdeletions. Medical Science Monitor, 2018, 24, 6559-6563.	1.1	10
17	Targeted Next-Generation Sequencing Identifies Novel Sequence Variations of Genes Associated with Nonobstructive Azoospermia in the Han Population of Northeast China. Medical Science Monitor, 2019, 25, 5801-5812.	1.1	10
18	High frequency of Y chromosome microdeletions in male infertility patients with 45,X/46,XY mosaicism. Brazilian Journal of Medical and Biological Research, 2020, 53, e8980.	1.5	10

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19	Molecular-cytogenetic study of de novo mosaic karyotype 45,X/46,X,i(Yq)/46,X,idic(Yq) in an azoospermic male: Case report and literature review. Molecular Medicine Reports, 2017, 16, 3433-3438.	2.4	9
20	A report of nine cases and review of the literature of infertile men carrying balanced translocations involving chromosome 5. Molecular Cytogenetics, 2018, 11, 10.	0.9	9
21	Prenatal diagnosis of 4953 pregnant women with indications for genetic amniocentesis in Northeast China. Molecular Cytogenetics, 2019, 12, 45.	0.9	9
22	A novel stopgain mutation c.G992A (p.W331X) in TACR3 gene was identified in nonobstructive azoospermia by targeted nextâ€generation sequencing. Journal of Clinical Laboratory Analysis, 2019, 33, e22700.	2.1	9
23	Molecular cytogenetic analysis and genetic counseling: a case report of eight 46,XX males and a literature review. Molecular Cytogenetics, 2019, 12, 44.	0.9	8
24	Association of DNAH11 gene polymorphisms with asthenozoospermia in Northeast Chinese patients. Bioscience Reports, 2019, 39, .	2.4	8
25	Molecular cytogenetic characterization of a mosaic small supernumerary marker chromosome derived from chromosome Y in an azoospermic male. Medicine (United States), 2019, 98, e16661.	1.0	8
26	Analysis of prenatal diagnosis before and after implementation of the two-child policy in northeastern China. Medicine (United States), 2019, 98, e17200.	1.0	8
27	Assessment of released acrosin activity as a measurement of the sperm acrosome reaction. Asian Journal of Andrology, 2008, 10, 236-242.	1.6	7
28	Intracytoplasmic sperm injection outcome of ejaculated spermatozoa from a man with mosaic Klinefelter's Syndrome: case report and literature review. Journal of International Medical Research, 2018, 46, 4323-4331.	1.0	7
29	Indigenization of the median of markers for Down syndrome screening based on statistical analysis of medical big data. Taiwanese Journal of Obstetrics and Gynecology, 2020, 59, 556-564.	1.3	7
30	Clinical, cytogenetic, and molecular findings in a fetus with ultrasonic multiple malformations, 4q duplication, and 7q deletion. Medicine (United States), 2018, 97, e13094.	1.0	6
31	Associated factors of secondary sex ratio of offspring in assisted reproductive technology: a cross-sectional study in Jilin Province, China. BMC Pregnancy and Childbirth, 2020, 20, 666.	2.4	6
32	Fertility problems in males carrying an inversion of chromosome 10. Open Medicine (Poland), 2021, 16, 316-321.	1.3	6
33	Clinical Features of Chromosome 6 Translocation in Male Carriers: A Report of 10 Cases and Review of the Literature. Medical Science Monitor, 2018, 24, 4162-4168.	1.1	6
34	Role of male genetic factors in recurrent pregnancy loss in Northeast China. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2018, 224, 6-11.	1.1	5
35	Androgen receptor gene mutations are associated with male infertility in Northeast China: Clinical features and identification of two novel mutations. Andrologia, 2019, 51, e13195.	2.1	5
36	Application of intelligent algorithms in Down syndrome screening during second trimester pregnancy. World Journal of Clinical Cases, 2021, 9, 4573-4584.	0.8	5

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37	Whole Exome Sequencing Identifies Genes Associated With Non-Obstructive Azoospermia. Frontiers in Genetics, 2022, 13, 872179.	2.3	5
38	Placental mosaicism for Trisomy 13: a challenge in providing the cell-free fetal DNA testing. Journal of Assisted Reproduction and Genetics, 2014, 31, 589-594.	2.5	4
39	An infertile 45,X male with a SRY-bearing chromosome 13: a clinical case report and literature review. Journal of Assisted Reproduction and Genetics, 2015, 32, 107-109.	2.5	4
40	Clinical features of carriers of reciprocal chromosomal translocations involving chromosome 2: report of nine cases and review of the literature. International Braz J Urol: Official Journal of the Brazilian Society of Urology, 2018, 44, 785-793.	1.5	4
41	Clinical features of infertile men carrying a chromosome 9 translocation. Open Medicine (Poland), 2019, 14, 854-862.	1.3	4
42	Prenatal diagnosis of a de novo tetrasomy 15q24.3â€25.3: Case report and literature review. Journal of Clinical Laboratory Analysis, 2020, 34, e23288.	2.1	4
43	Ultrasonographic findings and prenatal diagnosis of complete trisomy 17p syndrome: A case report and review of the literature. Journal of Clinical Laboratory Analysis, 2021, 35, e23582.	2.1	4
44	Transcriptome and DNA Methylation Profiles of Mouse Fetus and Placenta Generated by Round Spermatid Injection. Frontiers in Cell and Developmental Biology, 2021, 9, 632183.	3.7	4
45	A novel frameshift mutation in ubiquitin-specific protease 26 gene in a patient with severe oligozoospermia. Bioscience Reports, 2020, 40, .	2.4	4
46	Molecular cytogenetic characterization of an isodicentricï¿½Yq and a neocentric isochromosomeï¿½Yp in an azoospermic male. Molecular Medicine Reports, 2020, 21, 918-926.	2.4	4
47	Cytogenetic and molecular characterization of an oligoasthenozoospermia male carrier of an unbalanced Y;22 translocation. Medicine (United States), 2019, 98, e15209.	1.0	3
48	Prenatal detection of interstitial 18p11.31â€p11.22 microduplications: Phenotypic diversity and literature review. Prenatal Diagnosis, 2019, 39, 1120-1126.	2.3	3
49	Identification of KISS1R gene mutations in disorders of nonâ€obstructive azoospermia in the northeast population of China. Journal of Clinical Laboratory Analysis, 2020, 34, e23139.	2.1	3
50	CHD7 missense variants and clinical characteristics of Chinese males with infertility. Molecular Genetics & Genomic Medicine, 2020, 8, e1372.	1.2	3
51	Molecular cytogenetic studies of a male carrier with a unique (Y;14) translocation: Case report. Journal of Clinical Laboratory Analysis, 2021, 35, e23614.	2.1	3
52	Y chromosome structural variation in infertile men detected by targeted next-generation sequencing. Journal of Assisted Reproduction and Genetics, 2021, 38, 941-948.	2.5	3
53	Molecular cytogenetic characterization of partial monosomyï¿½2p and trisomy 16q in a newborn: A case report. Experimental and Therapeutic Medicine, 2019, 18, 1267-1275.	1.8	2
54	Molecular Characterization of Mosaicism for a Small Supernumerary Marker Chromosome Derived from Chromosome Y in an Infertile Male with Apparently Normal Phenotype: A Case Report and Literature Review. BioMed Research International, 2019, 2019, 1-8.	1.9	2

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55	Deletion of b1/b3 shows risk for expanse of Yq microdeletion in male offspring. Medicine (United) Tj ETQq1 1 0.784314 rgBT /Overloc	1.0	2
56	Prenatal Diagnosis and Molecular Cytogenetic Characterization of Copy Number Variations on 4p15.2p16.3, Xp22.31, and 12p11.1q11 in a Fetus with Ultrasound Anomalies: A Case Report and Literature Review. BioMed Research International, 2020, 2020, 1-10.	1.9	2
57	Analysis of TATA-box binding protein associated factor 4b gene mutations in a Chinese population with nonobstructive azoospermia. Medicine (United States), 2020, 99, e20561.	1.0	2
58	Chloride Channel Accessory 4 (CLCA4) Gene Polymorphisms and Non-Obstructive Azoospermia: A Case-Control Study. Medical Science Monitor, 2019, 25, 2043-2048.	1.1	2
59	Molecular cytogenetic characterization of small supernumerary marker 15 in infertile male: A case report. Experimental and Therapeutic Medicine, 2020, 19, 2927-2932.	1.8	2
60	Live birth after transfer of vitrified-warmed embryo derived from vitrified-warmed oocyte and frozen-thawed sperm following failed ICSI: Case report. Revista Medica De Chile, 2017, 145, 402-405.	0.2	1
61	Xp;Yq Unbalanced Translocation with Pseudoautosomal Region Aberrations in a Natural Two-Generation Transmission. BioMed Research International, 2020, 2020, 1-8.	1.9	1
62	Frequency and clinical manifestation of prenatal cytogenetic diagnosis of chromosomal polymorphisms in Northeast China. Taiwanese Journal of Obstetrics and Gynecology, 2020, 59, 910-915.	1.3	1
63	Prenatal diagnosis of a fetus with mosaic ring chromosome 13: Case report and review of the literature. Taiwanese Journal of Obstetrics and Gynecology, 2021, 60, 554-558.	1.3	1
64	Prenatal detection and molecular cytogenetic characterization of 19q13.42 microduplication: three reported cases and literature review. Molecular Cytogenetics, 2021, 14, 5.	0.9	1
65	Molecular cytogenetic characterization of 1q42.3q44 deletion and 8q24.3 duplication in a fetus with single umbilical artery and ventricular septal defects. Taiwanese Journal of Obstetrics and Gynecology, 2021, 60, 1126-1133.	1.3	1
66	Molecular cytogenetic characterization of 2q deletion and Xq duplication associated with nasal bone dysplasia in prenatal diagnosis: A case report and literature review. Taiwanese Journal of Obstetrics and Gynecology, 2022, 61, 163-169.	1.3	1
67	Prenatal diagnosis and molecular cytogenetic characterization of a small supernumerary marker chromosome (sSMC) inherited from her mosaic sSMC(15) mother and a literature review. Taiwanese Journal of Obstetrics and Gynecology, 2020, 59, 963-967.	1.3	0
68	Prenatal detection of a 7q11.21 microdeletion (517â€“605â€Škb). Medicine (United States), 2021, 100, e24560.	1.0	0
69	Association Between Polymorphisms in the Angiotensin-Converting Enzyme Gene and Non-Obstructive Azoospermia in the Chinese Han Population from Northeast China. Medical Science Monitor, 2019, 25, 4423-4429.	1.1	0
70	Clinical characterization of chromosome 5q21.1â€“21.3 microduplication: A case report. Open Medicine (Poland), 2020, 15, 1123-1127.	1.3	0