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	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
2	Whole Exome Sequencing Identifies Genes Associated With Non-Obstructive Azoospermia. Frontiers in Genetics, 2022, 13, 872179.	2.3	5
3	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
4	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
5	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
6	Prenatal detection of a 7q11.21 microdeletion (517â€“605â€Škb). Medicine (United States), 2021, 100, e24560.	1.0	0
7	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
8	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
9	Application of intelligent algorithms in Down syndrome screening during second trimester pregnancy. World Journal of Clinical Cases, 2021, 9, 4573-4584.	0.8	5
10	Prenatal detection and molecular cytogenetic characterization of 19q13.42 microduplication: three reported cases and literature review. Molecular Cytogenetics, 2021, 14, 5.	0.9	1
11	Fertility problems in males carrying an inversion of chromosome 10. Open Medicine (Poland), 2021, 16, 316-321.	1.3	6
12	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
13	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
14	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
15	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
16	Xp;Yq Unbalanced Translocation with Pseudoautosomal Region Aberrations in a Natural Two-Generation Transmission. BioMed Research International, 2020, 2020, 1-8.	1.9	1
17	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
18	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

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19	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
20	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
21	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
22	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
23	CHD7 missense variants and clinical characteristics of Chinese males with infertility. Molecular Genetics & Genomic Medicine, 2020, 8, e1372.	1.2	3
24	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
25	A novel frameshift mutation in ubiquitin-specific protease 26 gene in a patient with severe oligozoospermia. Bioscience Reports, 2020, 40, .	2.4	4
26	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
27	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
28	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
29	Clinical characterization of chromosome 5q21.1â€“21.3 microduplication: A case report. Open Medicine (Poland), 2020, 15, 1123-1127.	1.3	0
30	Cytogenetic and molecular characterization of an oligoasthenozoospermia male carrier of an unbalanced Y;22 translocation. Medicine (United States), 2019, 98, e15209.	1.0	3
31	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
32	Prenatal diagnosis of 4953 pregnant women with indications for genetic amniocentesis in Northeast China. Molecular Cytogenetics, 2019, 12, 45.	0.9	9
33	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
34	Prenatal detection of interstitial 18p11.31â€p11.22 microduplications: Phenotypic diversity and literature review. Prenatal Diagnosis, 2019, 39, 1120-1126.	2.3	3
35	Association of DNAH11 gene polymorphisms with asthenozoospermia in Northeast Chinese patients. Bioscience Reports, 2019, 39, .	2.4	8
36	Clinical features of infertile men carrying a chromosome 9 translocation. Open Medicine (Poland), 2019, 14, 854-862.	1.3	4

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37	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
38	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
39	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
40	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
41	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
42	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
43	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
44	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
45	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
46	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
47	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
48	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
49	Associations between DNAH1 gene polymorphisms and male infertility. Medicine (United States), 2018, 97, e13493.	1.0	16
50	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
51	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
52	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
53	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
54	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

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55	Natural Transmission of b2/b3 Subdeletion or Duplication to Expanded Y Chromosome Microdeletions. Medical Science Monitor, 2018, 24, 6559-6563.	1.1	10
56	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
57	AZFa Microdeletions: Occurrence in Chinese Infertile Men and Novel Deletions Revealed by Semiconductor Sequencing. Urology, 2017, 107, 76-81.	1.0	13
58	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
59	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
60	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
61	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
62	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
63	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
64	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
65	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
66	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
67	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
68	Effect of p62 on tau hyperphosphorylation in a rat model of Alzheimer's disease. Neural Regeneration Research, 2012, 7, 1304-11.	3.0	17
69	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
70	Assessment of released acrosin activity as a measurement of the sperm acrosome reaction. Asian Journal of Andrology, 2008, 10, 236-242.	1.6	7