

Wei Wu

List of Publications by Citations

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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.

80
papers

1,731
citations

24
h-index

38
g-index

86
ext. papers

2,050
ext. citations

4.8
avg, IF

4.11
L-index

#	Paper	IF	Citations
80	Comparison of in vitro hormone activities of selected phthalates using reporter gene assays. <i>Toxicology Letters</i> , 2009 , 191, 9-14	4.4	141
79	Idiopathic male infertility is strongly associated with aberrant promoter methylation of methylenetetrahydrofolate reductase (MTHFR). <i>PLoS ONE</i> , 2010 , 5, e13884	3.7	102
78	Seminal plasma microRNAs: potential biomarkers for spermatogenesis status. <i>Molecular Human Reproduction</i> , 2012 , 18, 489-97	4.4	99
77	Genome-wide microRNA expression profiling in idiopathic non-obstructive azoospermia: significant up-regulation of miR-141, miR-429 and miR-7-1-3p. <i>Human Reproduction</i> , 2013 , 28, 1827-36	5.7	89
76	The b2/b3 subdeletion shows higher risk of spermatogenic failure and higher frequency of complete AZFc deletion than the gr/gr subdeletion in a Chinese population. <i>Human Molecular Genetics</i> , 2009 , 18, 1122-30	5.6	80
75	miR-141 contributes to fetal growth restriction by regulating PLAG1 expression. <i>PLoS ONE</i> , 2013 , 8, e58337	3.7	50
74	Mitochondria-related miR-141-3p contributes to mitochondrial dysfunction in HFD-induced obesity by inhibiting PTEN. <i>Scientific Reports</i> , 2015 , 5, 16262	4.9	39
73	Methylenetetrahydrofolate reductase C677T polymorphism and the risk of male infertility: a meta-analysis. <i>Journal of Developmental and Physical Disabilities</i> , 2012 , 35, 18-24		37
72	The impact of BMI on sperm parameters and the metabolite changes of seminal plasma concomitantly. <i>Oncotarget</i> , 2017 , 8, 48619-48634	3.3	37
71	Seminal plasma metabolomics approach for the diagnosis of unexplained male infertility. <i>PLoS ONE</i> , 2017 , 12, e0181115	3.7	36
70	Mitochondria-related miR-151a-5p reduces cellular ATP production by targeting CYTB in asthenozoospermia. <i>Scientific Reports</i> , 2015 , 5, 17743	4.9	35
69	Meta-analysis on the effectiveness of team-based learning on medical education in China. <i>BMC Medical Education</i> , 2018 , 18, 77	3.3	35
68	SLIT2/ROBO1-miR-218-1-RET/PLAG1: a new disease pathway involved in Hirschsprung disease. <i>Journal of Cellular and Molecular Medicine</i> , 2015 , 19, 1197-207	5.6	34
67	Thyroid disruption by Di-n-butyl phthalate (DBP) and mono-n-butyl phthalate (MBP) in <i>Xenopus laevis</i> . <i>PLoS ONE</i> , 2011 , 6, e19159	3.7	33
66	GSTM1 and GSTT1 null polymorphisms and male infertility risk: an updated meta-analysis encompassing 6934 subjects. <i>Scientific Reports</i> , 2013 , 3, 2258	4.9	32
65	Idiopathic male infertility is strongly associated with aberrant DNA methylation of imprinted loci in sperm: a case-control study. <i>Clinical Epigenetics</i> , 2018 , 10, 134	7.7	31
64	Aberrant upregulation of miR-21 in placental tissues of macrosomia. <i>Journal of Perinatology</i> , 2014 , 34, 658-63	3.1	28

63	From the Cover: Metabolomics Reveals a Role of Betaine in Prenatal DBP Exposure-Induced Epigenetic Transgenerational Failure of Spermatogenesis in Rats. <i>Toxicological Sciences</i> , 2017 , 158, 356-366	4.4	28
62	Aberrant reduction of MiR-141 increased CD47/CUL3 in Hirschsprung disease. <i>Cellular Physiology and Biochemistry</i> , 2013 , 32, 1655-67	3.9	28
61	Additional genomic duplications in AZFc underlie the b2/b3 deletion-associated risk of spermatogenic impairment in Han Chinese population. <i>Human Molecular Genetics</i> , 2011 , 20, 4411-21	5.6	27
60	Bisphenol A alters n-6 fatty acid composition and decreases antioxidant enzyme levels in rat testes: a LC-QTOF-based metabolomics study. <i>PLoS ONE</i> , 2012 , 7, e44754	3.7	26
59	Current pesticide profiles in blood serum of adults in Jiangsu Province of China and a comparison with other countries. <i>Environment International</i> , 2017 , 102, 213-222	12.9	25
58	Genetic variants in microRNA biogenesis pathway genes are associated with semen quality in a Han-Chinese population. <i>Reproductive BioMedicine Online</i> , 2012 , 24, 454-61	4	25
57	Association between DAZL polymorphisms and susceptibility to male infertility: systematic review with meta-analysis and trial sequential analysis. <i>Scientific Reports</i> , 2014 , 4, 4642	4.9	24
56	Genetic Association Between Androgen Receptor Gene CAG Repeat Length Polymorphism and Male Infertility: A Meta-Analysis. <i>Medicine (United States)</i> , 2016 , 95, e2878	1.8	24
55	Exposure to phthalates in children aged 5-7years: Associations with thyroid function and insulin-like growth factors. <i>Science of the Total Environment</i> , 2017 , 579, 950-956	10.2	23
54	Effects of particulate matter exposure during pregnancy on birth weight: A retrospective cohort study in Suzhou, China. <i>Science of the Total Environment</i> , 2018 , 615, 369-374	10.2	23
53	Specific serum microRNA profile in the molecular diagnosis of Hirschsprung disease. <i>Journal of Cellular and Molecular Medicine</i> , 2014 , 18, 1580-7	5.6	22
52	Down-regulated let-7b-5p represses glycolysis metabolism by targeting AURKB in asthenozoospermia. <i>Gene</i> , 2018 , 663, 83-87	3.8	21
51	Follicle stimulating hormone receptor G-29A, 919A>G, 2039A>G polymorphism and the risk of male infertility: a meta-analysis. <i>Gene</i> , 2012 , 505, 388-92	3.8	21
50	Association of the methylenetetrahydrofolate reductase gene A1298C polymorphism with male infertility: a meta-analysis. <i>Annals of Human Genetics</i> , 2012 , 76, 25-32	2.2	21
49	miR-20a contributes to endometriosis by regulating NTN4 expression. <i>Molecular Biology Reports</i> , 2014 , 41, 5793-7	2.8	19
48	The role, mechanism and potentially novel biomarker of microRNA-17-92 cluster in macrosomia. <i>Scientific Reports</i> , 2015 , 5, 17212	4.9	19
47	Methylation analysis of EDNRB in human colon tissues of Hirschsprung disease. <i>Pediatric Surgery International</i> , 2013 , 29, 683-8	2.1	19
46	Evaluation of five candidate genes from GWAS for association with oligozoospermia in a Han Chinese population. <i>PLoS ONE</i> , 2013 , 8, e80374	3.7	19

45	The Role of Exosomal microRNAs and Oxidative Stress in Neurodegenerative Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2020 , 2020, 3232869	6.7	19
44	Association analysis between the polymorphisms of HSD17B5 and HSD17B6 and risk of polycystic ovary syndrome in Chinese population. <i>European Journal of Endocrinology</i> , 2015 , 172, 227-33	6.5	16
43	Effects of particulate matter exposure on semen quality: A retrospective cohort study. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 193, 110319	7	15
42	Gene-gene and gene-environment interactions on risk of male infertility: Focus on the metabolites. <i>Environment International</i> , 2016 , 91, 188-95	12.9	15
41	Down-regulation of MeCP2 in Hirschsprung disease. <i>Journal of Pediatric Surgery</i> , 2013 , 48, 2099-105	2.6	15
40	The biphasic expression pattern of miR-200a and E-cadherin in epithelial ovarian cancer and its correlation with clinicopathological features. <i>Current Pharmaceutical Design</i> , 2014 , 20, 1888-95	3.3	15
39	Association of the vascular endothelial growth factor gene polymorphisms (-460C/T, +405G/C and +936T/C) with endometriosis: a meta-analysis. <i>Annals of Human Genetics</i> , 2012 , 76, 464-71	2.2	14
38	Variants in the SRD5A2 gene are associated with quality of semen. <i>Molecular Medicine Reports</i> , 2012 , 6, 639-44	2.9	14
37	Pathogenic variants screening in five non-obstructive azoospermia-associated genes. <i>Molecular Human Reproduction</i> , 2014 , 20, 178-83	4.4	13
36	Klotho gene polymorphism of rs3752472 is associated with the risk of urinary calculi in the population of Han nationality in Eastern China. <i>Gene</i> , 2013 , 526, 494-7	3.8	13
35	DAZ duplications confer the predisposition of Y chromosome haplogroup K* to non-obstructive azoospermia in Han Chinese populations. <i>Human Reproduction</i> , 2013 , 28, 2440-9	5.7	13
34	Comprehensive pathway-based analysis identifies associations of BCL2, GNAO1 and CHD2 with non-obstructive azoospermia risk. <i>Human Reproduction</i> , 2014 , 29, 860-6	5.7	12
33	2,2',4,4'-Tetrabromodiphenyl ether (BDE-47) decreases progesterone synthesis through cAMP-PKA pathway and P450scc downregulation in mouse Leydig tumor cells. <i>Toxicology</i> , 2012 , 302, 44-50	4.4	12
32	Association of the VDAC3 gene polymorphism with sperm count in Han-Chinese population with idiopathic male infertility. <i>Oncotarget</i> , 2017 , 8, 45242-45248	3.3	12
31	Idiopathic male infertility and polymorphisms in the DNA methyltransferase genes involved in epigenetic marking. <i>Scientific Reports</i> , 2017 , 7, 11219	4.9	11
30	Aberrant high expression of NRG1 gene in Hirschsprung disease. <i>Journal of Pediatric Surgery</i> , 2012 , 47, 1694-8	2.6	11
29	Association of the methylenetetrahydrofolate reductase gene A1298C polymorphism with stroke risk based on a meta-analysis. <i>Genetics and Molecular Research</i> , 2013 , 12, 6882-94	1.2	11
28	Interactions between urinary 4-tert-octylphenol levels and metabolism enzyme gene variants on idiopathic male infertility. <i>PLoS ONE</i> , 2013 , 8, e59398	3.7	11

27	Common SNP in hsa-miR-196a-2 increases hsa-miR-196a-5p expression and predisposes to idiopathic male infertility in Chinese Han population. <i>Scientific Reports</i> , 2016 , 6, 19825	4.9	9
26	Genetic variants in PTPRD and risk of gestational diabetes mellitus. <i>Oncotarget</i> , 2016 , 7, 76101-76107	3.3	9
25	Semen quality and cigarette smoking in a cohort of healthy fertile men. <i>Environmental Epidemiology</i> , 2019 , 3, e055	0.2	9
24	IGF2-derived miR-483-3p contributes to macrosomia through regulating trophoblast proliferation by targeting RB1CC1. <i>Molecular Human Reproduction</i> , 2018 , 24, 444-452	4.4	9
23	The association between cooking oil fume exposure during pregnancy and birth weight: A prospective mother-child cohort study. <i>Science of the Total Environment</i> , 2018 , 612, 822-830	10.2	8
22	GSTM1 and GSTT1 null polymorphisms and childhood acute leukemia risk: evidence from 26 case-control studies. <i>PLoS ONE</i> , 2013 , 8, e78810	3.7	8
21	Combined effects of urinary phytoestrogens metabolites and polymorphisms in metabolic enzyme gene on idiopathic male infertility. <i>Archives of Toxicology</i> , 2014 , 88, 1527-36	5.8	7
20	eNOS gene T786C, G894T and 4a4b polymorphisms and male infertility susceptibility: a meta-analysis. <i>Andrologia</i> , 2017 , 49, e12646	2.4	7
19	Lack of association between DAZ gene methylation patterns and spermatogenic failure. <i>Clinical Chemistry and Laboratory Medicine</i> , 2010 , 48, 355-60	5.9	7
18	Association of assisted reproductive technology, germline de novo mutations and congenital heart defects in a prospective birth cohort study. <i>Cell Research</i> , 2021 , 31, 919-928	24.7	7
17	A genome-wide association study of mitochondrial DNA in Chinese men identifies two risk single nucleotide substitutions for idiopathic oligoasthenospermia. <i>Mitochondrion</i> , 2015 , 24, 87-92	4.9	6
16	Genetic variants in meiotic program initiation pathway genes are associated with spermatogenic impairment in a Han Chinese population. <i>PLoS ONE</i> , 2013 , 8, e53443	3.7	6
15	X chromosome-wide identification of SNVs in microRNA genes and non-obstructive azoospermia risk in Han Chinese population. <i>Oncotarget</i> , 2016 , 7, 49122-49129	3.3	6
14	Elevated microRNA-141-3p in placenta of non-diabetic macrosomia regulate trophoblast proliferation. <i>EBioMedicine</i> , 2018 , 38, 154-161	8.8	6
13	Downregulation of miR-424 in placenta is associated with severe preeclampsia. <i>Pregnancy Hypertension</i> , 2019 , 17, 109-112	2.6	5
12	Genistein up-regulates miR-20a to disrupt spermatogenesis via targeting Limk1. <i>Oncotarget</i> , 2017 , 8, 58728-58737	3.3	5
11	Association Analysis between the Polymorphisms of HSD11B1 and H6PD and Risk of Polycystic Ovary Syndrome in Chinese Population. <i>PLoS ONE</i> , 2015 , 10, e0140326	3.7	4
10	Inhibition of progesterone biosynthesis induced by deca-brominated diphenyl ether (BDE-209) in mouse Leydig tumor cell (MLTC-1). <i>Toxicology in Vitro</i> , 2019 , 60, 383-388	3.6	3

9	Online teaching- present situation and its future: a survey of online study for medical students during the COVID-19 epidemic. <i>Irish Educational Studies</i> , 2021 , 40, 207-215	0.8	3
8	Association of prostate cancer susceptibility variant (MSMB) rs10993994 with risk of spermatogenic failure. <i>Gene</i> , 2013 , 524, 197-202	3.8	2
7	Interaction between Y chromosome haplogroup O3 and 4-n-octylphenol exposure reduces the susceptibility to spermatogenic impairment in Han Chinese. <i>Ecotoxicology and Environmental Safety</i> , 2017 , 144, 450-455	7	2
6	Effects of Gold Nanorods on Imprinted Genes Expression in TM-4 Sertoli Cells. <i>International Journal of Environmental Research and Public Health</i> , 2016 , 13,	4.6	2
5	Adenomatous polyposis coli as a predictor of environmental chemical-induced transgenerational effects related to male infertility. <i>Journal of Biochemical and Molecular Toxicology</i> , 2019 , 33, e22331	3.4	1
4	Association between ambient particulate matter exposure and semen quality in fertile men.. <i>Environmental Health</i> , 2022 , 21, 16	6	1
3	Environmental Factors and Male Infertility 2018 ,		1
2	Semen quality and sperm DNA methylation in relation to long-term exposure to air pollution in fertile men: A cross-sectional study.. <i>Environmental Pollution</i> , 2022 , 118994	9.3	0
1	miR-1227-3p participates in the development of fetal growth restriction via regulating trophoblast cell proliferation and apoptosis.. <i>Scientific Reports</i> , 2022 , 12, 6374	4.9	0