Wei Wu

List of Publications by Year
in descending order

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83	2,383	186209	243529
papers	citations	28 h-index	44 g-index

86	86	86	3622
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Comparison of in vitro hormone activities of selected phthalates using reporter gene assays. Toxicology Letters, 2009, 191, 9-14.	0.4	163
2	Idiopathic Male Infertility Is Strongly Associated with Aberrant Promoter Methylation of Methylenetetrahydrofolate Reductase (MTHFR). PLoS ONE, 2010, 5, e13884.	1.1	121
3	Seminal plasma microRNAs: potential biomarkers for spermatogenesis status. Molecular Human Reproduction, 2012, 18, 489-497.	1.3	121
4	Genome-wide microRNA expression profiling in idiopathic non-obstructive azoospermia: significant up-regulation of miR-141, miR-429 and miR-7-1-3p. Human Reproduction, 2013, 28, 1827-1836.	0.4	115
5	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. Human Molecular Genetics, 2009, 18, 1122-1130.	1.4	86
6	The Role of Exosomal microRNAs and Oxidative Stress in Neurodegenerative Diseases. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-17.	1.9	74
7	Meta-analysis on the effectiveness of team-based learning on medical education in China. BMC Medical Education, 2018, 18, 77.	1.0	63
8	The impact of BMI on sperm parameters and the metabolite changes of seminal plasma concomitantly. Oncotarget, 2017, 8, 48619-48634.	0.8	60
9	miR-141 Contributes to Fetal Growth Restriction by Regulating PLAG1 Expression. PLoS ONE, 2013, 8, e58737.	1.1	58
10	Mitochondria-related miR-151a-5p reduces cellular ATP production by targeting CYTB in asthenozoospermia. Scientific Reports, 2016, 5, 17743.	1.6	52
11	Seminal plasma metabolomics approach for the diagnosis of unexplained male infertility. PLoS ONE, 2017, 12, e0181115.	1.1	52
12	Idiopathic male infertility is strongly associated with aberrant DNA methylation of imprinted loci in sperm: a case-control study. Clinical Epigenetics, 2018, 10, 134.	1.8	50
13	Mitochondria-related miR-141-3p contributes to mitochondrial dysfunction in HFD-induced obesity by inhibiting PTEN. Scientific Reports, 2015, 5, 16262.	1.6	48
14	<scp>SLIT</scp>2/<scp>ROBO</scp>1â€miRâ€218â€1â€<scp>RET</scp>/<scp>PLAG</scp>1: a new disease pathway involved in <scp>H</scp>irschsprung's disease. Journal of Cellular and Molecular Medicine, 2015, 19, 1197-1207.	1.6	45
15	Methylenetetrahydrofolate reductase C677T polymorphism and the risk of male infertility: a metaâ€analysis. Journal of Developmental and Physical Disabilities, 2012, 35, 18-24.	3.6	43
16	Current pesticide profiles in blood serum of adults in Jiangsu Province of China and a comparison with other countries. Environment International, 2017, 102, 213-222.	4.8	43
17	Aberrant Reduction of MiR-141 Increased CD47/CUL3 in Hirschsprung's Disease. Cellular Physiology and Biochemistry, 2013, 32, 1655-1667.	1.1	40
18	Thyroid Disruption by Di-n-Butyl Phthalate (DBP) and Mono-n-Butyl Phthalate (MBP) in Xenopus laevis. PLoS ONE, 2011, 6, e19159.	1.1	39

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19	GSTM1 and GSTT1 null polymorphisms and male infertility risk: an updated meta-analysis encompassing 6934 subjects. Scientific Reports, 2013, 3, 2258.	1.6	38
20	From the Cover: Metabolomics Reveals a Role of Betaine in Prenatal DBP Exposure-Induced Epigenetic Transgenerational Failure of Spermatogenesis in Rats. Toxicological Sciences, 2017, 158, 356-366.	1.4	38
21	Aberrant upregulation of miR-21 in placental tissues of macrosomia. Journal of Perinatology, 2014, 34, 658-663.	0.9	37
22	Additional genomic duplications in AZFc underlie the b2/b3 deletion-associated risk of spermatogenic impairment in Han Chinese population. Human Molecular Genetics, 2011, 20, 4411-4421.	1.4	33
23	Exposure to phthalates in children aged 5â€“7 years: Associations with thyroid function and insulin-like growth factors. Science of the Total Environment, 2017, 579, 950-956.	3.9	33
24	Association analysis between the polymorphisms of HSD17B5 and HSD17B6 and risk of polycystic ovary syndrome in Chinese population. European Journal of Endocrinology, 2015, 172, 227-233.	1.9	32
25	miR-20a contributes to endometriosis by regulating NTN4 expression. Molecular Biology Reports, 2014, 41, 5793-5797.	1.0	31
26	Genetic Association Between Androgen Receptor Gene CAG Repeat Length Polymorphism and Male Infertility. Medicine (United States), 2016, 95, e2878.	0.4	31
27	Effects of particulate matter exposure on semen quality: A retrospective cohort study. Ecotoxicology and Environmental Safety, 2020, 193, 110319.	2.9	31
28	Specific serum micro<scp>RNA</scp> profile in the molecular diagnosis of <scp>H</scp>irschsprung's disease. Journal of Cellular and Molecular Medicine, 2014, 18, 1580-1587.	1.6	30
29	Down-regulated let-7b-5p represses glycolysis metabolism by targeting AURKB in asthenozoospermia. Gene, 2018, 663, 83-87.	1.0	30
30	The role, mechanism and potentially novel biomarker of microRNA-17-92 cluster in macrosomia. Scientific Reports, 2015, 5, 17212.	1.6	29
31	Effects of particulate matter exposure during pregnancy on birth weight: A retrospective cohort study in Suzhou, China. Science of the Total Environment, 2018, 615, 369-374.	3.9	29
32	Bisphenol A Alters n-6 Fatty Acid Composition and Decreases Antioxidant Enzyme Levels in Rat Testes: A LC-QTOF-Based Metabolomics Study. PLoS ONE, 2012, 7, e44754.	1.1	28
33	Genetic variants in microRNA biogenesis pathway genes are associated with semen quality in a Han-Chinese population. Reproductive BioMedicine Online, 2012, 24, 454-461.	1.1	27
34	Association of the Methylenetetrahydrofolate Reductase Gene A1298C Polymorphism with Male Infertility: A Metaâ€Analysis. Annals of Human Genetics, 2012, 76, 25-32.	0.3	26
35	Association between DAZL polymorphisms and susceptibility to male infertility: systematic review with meta-analysis and trial sequential analysis. Scientific Reports, 2015, 4, 4642.	1.6	26
36	Association of assisted reproductive technology, germline de novo mutations and congenital heart defects in a prospective birth cohort study. Cell Research, 2021, 31, 919-928.	5.7	26

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37	Follicle stimulating hormone receptor G-29A, 919A>G, 2039A>G polymorphism and the risk of male infertility: A meta-analysis. Gene, 2012, 505, 388-392.	1.0	25
38	Methylation analysis of EDNRB in human colon tissues of Hirschsprungâ€™s disease. Pediatric Surgery International, 2013, 29, 683-688.	0.6	23
39	Association between ambient particulate matter exposure and semen quality in fertile men. Environmental Health, 2022, 21, 16.	1.7	23
40	Evaluation of Five Candidate Genes from GWAS for Association with Oligozoospermia in a Han Chinese Population. PLoS ONE, 2013, 8, e80374.	1.1	22
41	Gene-gene and gene-environment interactions on risk of male infertility: Focus on the metabolites. Environment International, 2016, 91, 188-195.	4.8	21
42	Semen quality and cigarette smoking in a cohort of healthy fertile men. Environmental Epidemiology, 2019, 3, e055.	1.4	20
43	Comprehensive pathway-based analysis identifies associations of BCL2, GNAO1 and CHD2 with non-obstructive azoospermia risk. Human Reproduction, 2014, 29, 860-866.	0.4	18
44	Down-regulation of MeCP2 in Hirschsprung's disease. Journal of Pediatric Surgery, 2013, 48, 2099-2105.	0.8	17
45	Klotho gene polymorphism of rs3752472 is associated with the risk of urinary calculi in the population of Han nationality in Eastern China. Gene, 2013, 526, 494-497.	1.0	17
46	Semen quality and sperm DNA methylation in relation to long-term exposure to air pollution in fertile men: A cross-sectional study. Environmental Pollution, 2022, 300, 118994.	3.7	17
47	Variants in the SRD5A2 gene are associated with quality of semen. Molecular Medicine Reports, 2012, 6, 639-644.	1.1	16
48	Idiopathic male infertility and polymorphisms in the DNA methyltransferase genes involved in epigenetic marking. Scientific Reports, 2017, 7, 11219.	1.6	16
49	The Biphasic Expression Pattern of miR-200a and E-cadherin in Epithelial Ovarian Cancer and its Correlation with Clinicopathological Features. Current Pharmaceutical Design, 2014, 20, 1888-1895.	0.9	16
50	2,2â€²,4,4â€²-Tetrabromodiphenyl ether (BDE-47) decreases progesterone synthesis through cAMP-PKA pathway and P450scc downregulation in mouse Leydig tumor cells. Toxicology, 2012, 302, 44-50.	2.0	15
51	Association of the Vascular Endothelial Growth Factor Gene Polymorphisms (â€“460C/T, +405G/C and) Tj ETQq1 1 0.784314 rgBT /Ov	0.3	15
52	IGF2-derived miR-483-3p contributes to macrosomia through regulating trophoblast proliferation by targeting RB1CC1. Molecular Human Reproduction, 2018, 24, 444-452.	1.3	15
53	Interactions between Urinary 4-tert-Octylphenol Levels and Metabolism Enzyme Gene Variants on Idiopathic Male Infertility. PLoS ONE, 2013, 8, e59398.	1.1	15
54	Aberrant high expression of NRG1 gene in Hirschsprung disease. Journal of Pediatric Surgery, 2012, 47, 1694-1698.	0.8	14

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55	Pathogenic variants screening in five non-obstructive azoospermia-associated genes. Molecular Human Reproduction, 2014, 20, 178-183.	1.3	14
56	The association between cooking oil fume exposure during pregnancy and birth weight: A prospective mother-child cohort study. Science of the Total Environment, 2018, 612, 822-830.	3.9	14
57	Genetic variants in PTPRD and risk of gestational diabetes mellitus. Oncotarget, 2016, 7, 76101-76107.	0.8	14
58	Association of the methylenetetrahydrofolate reductase gene A1298C polymorphism with stroke risk based on a meta-analysis. Genetics and Molecular Research, 2013, 12, 6882-6894.	0.3	13
59	DAZ duplications confer the predisposition of Y chromosome haplogroup K* to non-obstructive azoospermia in Han Chinese populations. Human Reproduction, 2013, 28, 2440-2449.	0.4	13
60	Elevated microRNA-141-3p in placenta of non-diabetic macrosomia regulate trophoblast proliferation. EBioMedicine, 2018, 38, 154-161.	2.7	13
61	Downregulation of miR-424 in placenta is associated with severe preeclampsia. Pregnancy Hypertension, 2019, 17, 109-112.	0.6	13
62	Association of the VDAC3 gene polymorphism with sperm count in Han-Chinese population with idiopathic male infertility. Oncotarget, 2017, 8, 45242-45248.	0.8	13
63	Common SNP in hsa-miR-196a-2 increases hsa-miR-196a-5p expression and predisposes to idiopathic male infertility in Chinese Han population. Scientific Reports, 2016, 6, 19825.	1.6	12
64	GSTM1 and GSTT1 Null Polymorphisms and Childhood Acute Leukemia Risk: Evidence from 26 Case-Control Studies. PLoS ONE, 2013, 8, e78810.	1.1	11
65	Lack of association between DAZ gene methylation patterns and spermatogenic failure. Clinical Chemistry and Laboratory Medicine, 2010, 48, 355-360.	1.4	10
66	eNOS geneT786C,G894Tand4a4bpolymorphisms and male infertility susceptibility: a meta-analysis. Andrologia, 2017, 49, e12646.	1.0	10
67	A genome-wide association study of mitochondrial DNA in Chinese men identifies two risk single nucleotide substitutions for idiopathic oligoasthenospermia. Mitochondrion, 2015, 24, 87-92.	1.6	9
68	Genistein up-regulates miR-20a to disrupt spermatogenesis via targeting Limk1. Oncotarget, 2017, 8, 58728-58737.	0.8	8
69	Genetic Variants in Meiotic Program Initiation Pathway Genes Are Associated with Spermatogenic Impairment in a Han Chinese Population. PLoS ONE, 2013, 8, e53443.	1.1	7
70	Combined effects of urinary phytoestrogens metabolites and polymorphisms in metabolic enzyme gene on idiopathic male infertility. Archives of Toxicology, 2014, 88, 1527-1536.	1.9	7
71	Effects of Gold Nanorods on Imprinted Genes Expression in TM-4 Sertoli Cells. International Journal of Environmental Research and Public Health, 2016, 13, 271.	1.2	7
72	Online teaching- present situation and its future: a survey of online study for medical students during the COVID-19 epidemic. Irish Educational Studies, 2021, 40, 207-215.	1.5	7

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73	X chromosome-wide identification of SNVs in microRNA genes and non-obstructive azoospermia risk in Han Chinese population. Oncotarget, 2016, 7, 49122-49129.	0.8	7
74	Environmental Factors and Male Infertility. , 2018, , .		4
75	Inhibition of progesterone biosynthesis induced by deca-brominated diphenyl ether (BDE-209) in mouse Leydig tumor cell (MLTC-1). Toxicology in Vitro, 2019, 60, 383-388.	1.1	4
76	Association Analysis between the Polymorphisms of HSD11B1 and H6PD and Risk of Polycystic Ovary Syndrome in Chinese Population. PLoS ONE, 2015, 10, e0140326.	1.1	4
77	miR-1227-3p participates in the development of fetal growth restriction via regulating trophoblast cell proliferation and apoptosis. Scientific Reports, 2022, 12, 6374.	1.6	4
78	Association of prostate cancer susceptibility variant (MSMB) rs10993994 with risk of spermatogenic failure. Gene, 2013, 524, 197-202.	1.0	3
79	Interaction between Y chromosome haplogroup O3* and 4-n-octylphenol exposure reduces the susceptibility to spermatogenic impairment in Han Chinese. Ecotoxicology and Environmental Safety, 2017, 144, 450-455.	2.9	3
80	Introductory Chapter: Environmental, Genetic, and Epigenetic Risk Factors in Adverse Pregnancy and Birth Outcomes. , 0, , .		1
81	Adenomatous polyposis coli as a predictor of environmental chemicalâ€induced transgenerational effects related to male infertility. Journal of Biochemical and Molecular Toxicology, 2019, 33, e22331.	1.4	1
82	Pregnancy and Birth Outcomes. , 2018, , .		1
83	Epigenetics and male infertility. Reproductive BioMedicine Online, 2008, 16, s13.	1.1	0