

Chuncheng Lu

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.

54
papers

832
citations

17
h-index

27
g-index

58
ext. papers

1,115
ext. citations

6.1
avg, IF

3.72
L-index

#	Paper	IF	Citations
54	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
53	The enhancer RNA Inc-SLC4A1-1 epigenetically regulates unexplained recurrent pregnancy loss (URPL) by activating CXCL8 and NF-kB pathway. <i>EBioMedicine</i> , 2018 , 38, 162-170	8.8	52
52	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
51	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
50	Mechanisms underlying nickel nanoparticle induced reproductive toxicity and chemo-protective effects of vitamin C in male rats. <i>Chemosphere</i> , 2019 , 218, 259-265	8.4	37
49	Mitochondria-related miR-151a-5p reduces cellular ATP production by targeting CYTB in asthenozoospermia. <i>Scientific Reports</i> , 2015 , 5, 17743	4.9	35
48	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
47	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
46	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
45	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
44	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
43	Down-regulated let-7b-5p represses glycolysis metabolism by targeting AURKB in asthenozoospermia. <i>Gene</i> , 2018 , 663, 83-87	3.8	21
42	Integrated analysis of DNA methylome and transcriptome identified CREB5 as a novel risk gene contributing to recurrent pregnancy loss. <i>EBioMedicine</i> , 2018 , 35, 334-344	8.8	21
41	Prenatal low-dose DEHP exposure induces metabolic adaptation and obesity: Role of hepatic thiamine metabolism. <i>Journal of Hazardous Materials</i> , 2020 , 385, 121534	12.8	21
40	Neonatal and juvenile exposure to perfluorooctanoate (PFOA) and perfluorooctane sulfonate (PFOS): Advance puberty onset and kisspeptin system disturbance in female rats. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 167, 412-421	7	21
39	Gene copy number alterations in the azoospermia-associated AZFc region and their effect on spermatogenic impairment. <i>Molecular Human Reproduction</i> , 2014 , 20, 836-43	4.4	19
38	Associations between maternal exposure to air pollution and birth outcomes: a retrospective cohort study in Taizhou, China. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 21927-21936	5.1	17

37	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
36	Maternal pentachlorophenol exposure induces developmental toxicity mediated by autophagy on pregnancy mice. <i>Ecotoxicology and Environmental Safety</i> , 2019 , 169, 829-836	7	14
35	Pathogenic variants screening in five non-obstructive azoospermia-associated genes. <i>Molecular Human Reproduction</i> , 2014 , 20, 178-83	4.4	13
34	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
33	Metabolomics reveals the role of acetyl-L-carnitine metabolism in FeO NP-induced embryonic development toxicity via mitochondria damage. <i>Nanotoxicology</i> , 2019 , 13, 204-220	5.3	12
32	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
31	Serum albumin mediates the effect of multiple per- and polyfluoroalkyl substances on serum lipid levels. <i>Environmental Pollution</i> , 2020 , 266, 115138	9.3	12
30	Developmental toxicity of triclocarban in zebrafish (<i>Danio rerio</i>) embryos. <i>Journal of Biochemical and Molecular Toxicology</i> , 2019 , 33, e22289	3.4	11
29	The association of Y chromosome haplogroups with spermatogenic failure in the Han Chinese. <i>Journal of Human Genetics</i> , 2007 , 52, 659-663	4.3	11
28	Meconium microbiome associates with the development of neonatal jaundice. <i>Clinical and Translational Gastroenterology</i> , 2018 , 9, 182	4.2	11
27	Association between Serum Vitamin Levels and Depression in U.S. Adults 20 Years or Older Based on National Health and Nutrition Examination Survey 2005?2006. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	9
26	Copy number gain of VCX, X-linked multi-copy gene, leads to cell proliferation and apoptosis during spermatogenesis. <i>Oncotarget</i> , 2016 , 7, 78532-78540	3.3	8
25	Mitochondrial DNA sequencing and large-scale genotyping identifies gene mutation m.11696G>A associated with idiopathic oligoasthenospermia. <i>Oncotarget</i> , 2017 , 8, 52975-52982	3.3	7
24	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
23	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
22	Y chromosome haplogroups based genome-wide association study pinpoints revelation for interactions on non-obstructive azoospermia. <i>Scientific Reports</i> , 2016 , 6, 33363	4.9	6
21	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
20	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

19	Hypomethylation of PRDM1 is associated with recurrent pregnancy loss. <i>Journal of Cellular and Molecular Medicine</i> , 2020 , 24, 7072-7077	5.6	5
18	Transcriptome and DNA Methylome Dynamics during Triclosan-Induced Cardiomyocyte Differentiation Toxicity. <i>Stem Cells International</i> , 2018 , 2018, 8608327	5	5
17	Enhancer RNA Inc-CES1-1 inhibits decidual cell migration by interacting with RNA-binding protein FUS and activating PPAR α in URPL. <i>Molecular Therapy - Nucleic Acids</i> , 2021 , 24, 104-112	10.7	4
16	Human X chromosome exome sequencing identifies as contributor to spermatogenesis. <i>Journal of Medical Genetics</i> , 2021 , 58, 56-65	5.8	4
15	Association between exposure to particulate matter during pregnancy and birthweight: a systematic review and a meta-analysis of birth cohort studies. <i>Journal of Biomedical Research</i> , 2017 ,	1.5	3
14	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
13	Association between maternal diabetes mellitus and allergic diseases in children - A systematic review and meta-analysis. <i>Pediatric Allergy and Immunology</i> , 2021 , 32, 880-891	4.2	2
12	Independent and combined associations of urinary heavy metals exposure and serum sex hormones among adults in NHANES 2013-2016. <i>Environmental Pollution</i> , 2021 , 281, 117097	9.3	2
11	Prothioconazole induces cell cycle arrest by up-regulation of EIF4EBP1 in extravillous trophoblast cells.. <i>Archives of Toxicology</i> , 2022 , 96, 559	5.8	1
10	Urinary polycyclic aromatic hydrocarbons and sex hormones in children and adolescents: Evidence from NHANES. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 216, 112215	7	1
9	Association between selected urinary heavy metals and asthma in adults: a retrospective cross-sectional study of the US National Health and Nutrition Examination Survey. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 5833-5844	5.1	1
8	Human mitochondrial DNA haplogroup M8a influences the penetrance of m.8684C>T in Han Chinese men with non-obstructive azoospermia. <i>Reproductive BioMedicine Online</i> , 2018 , 37, 480-488	4	1
7	Association between exposure to ambient air pollution and semen quality in adults: a meta-analysis. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	1
6	High-fat diet aggravates prenatal low-dose DEHP exposure induced spermatogenesis disorder: Characterization of testicular metabolic patterns in mouse offspring.. <i>Chemosphere</i> , 2022 , 134296	8.4	1
5	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
4	Association between per- and polyfluoroalkyl substances and risk of gestational diabetes mellitus.. <i>International Journal of Hygiene and Environmental Health</i> , 2021 , 240, 113904	6.9	0
3	Exploration of the developmental toxicity of TCS and PFOS to zebrafish embryos by whole-genome gene expression analyses. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 56032-56042	5.1	0
2	Exploratory analysis of the associations between urinary phytoestrogens and thyroid hormones among adolescents and adults in the United States: National Health and Nutrition Examination Survey 2007-2010. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	0

- 1 Effects of 2,2,4,4-tetrabromodiphenyl ether on the development of mouse embryonic stem cells. *Reproductive Toxicology*, **2021**, 106, 18-24 34