

Chuncheng Lu

List of Publications by Year in descending order

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55
papers

1,297
citations

361296

20
h-index

395590

33
g-index

58
all docs

58
docs citations

58
times ranked

1882
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 1122-1130.	1.4	86
2	The enhancer RNA Inc-SLC4A1-1 epigenetically regulates unexplained recurrent pregnancy loss (URPL) by activating CXCL8 and NF- κ B pathway. <i>EBioMedicine</i> , 2018, 38, 162-170.	2.7	85
3	Meta-analysis on the effectiveness of team-based learning on medical education in China. <i>BMC Medical Education</i> , 2018, 18, 77.	1.0	63
4	The impact of BMI on sperm parameters and the metabolite changes of seminal plasma concomitantly. <i>Oncotarget</i> , 2017, 8, 48619-48634.	0.8	60
5	Prenatal low-dose DEHP exposure induces metabolic adaptation and obesity: Role of hepatic thiamine metabolism. <i>Journal of Hazardous Materials</i> , 2020, 385, 121534.	6.5	58
6	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.	2.7	55
7	Mechanisms underlying nickel nanoparticle induced reproductive toxicity and chemo-protective effects of vitamin C in male rats. <i>Chemosphere</i> , 2019, 218, 259-265.	4.2	55
8	Mitochondria-related miR-151a-5p reduces cellular ATP production by targeting CYTB in asthenozoospermia. <i>Scientific Reports</i> , 2016, 5, 17743.	1.6	52
9	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.	1.8	50
10	Mitochondria-related miR-141-3p contributes to mitochondrial dysfunction in HFD-induced obesity by inhibiting PTEN. <i>Scientific Reports</i> , 2015, 5, 16262.	1.6	48
11	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.	2.9	47
12	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.	4.8	43
13	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, 4411-4421.	1.4	33
14	Serum albumin mediates the effect of multiple per- and polyfluoroalkyl substances on serum lipid levels. <i>Environmental Pollution</i> , 2020, 266, 115138.	3.7	32
15	Down-regulated let-7b-5p represses glycolysis metabolism by targeting AURKB in asthenozoospermia. <i>Gene</i> , 2018, 663, 83-87.	1.0	30
16	Gene copy number alterations in the azoospermia-associated AZFc region and their effect on spermatogenic impairment. <i>Molecular Human Reproduction</i> , 2014, 20, 836-843.	1.3	27
17	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.	2.7	27
18	Association between DAZL polymorphisms and susceptibility to male infertility: systematic review with meta-analysis and trial sequential analysis. <i>Scientific Reports</i> , 2015, 4, 4642.	1.6	26

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19	Meconium microbiome associates with the development of neonatal jaundice. <i>Clinical and Translational Gastroenterology</i> , 2018, 9, e182.	1.3	26
20	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.	5.7	26
21	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.	3.7	23
22	Gene-gene and gene-environment interactions on risk of male infertility: Focus on the metabolites. <i>Environment International</i> , 2016, 91, 188-195.	4.8	21
23	Comprehensive pathway-based analysis identifies associations of BCL2, GNAO1 and CHD2 with non-obstructive azoospermia risk. <i>Human Reproduction</i> , 2014, 29, 860-866.	0.4	18
24	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, 1215.	1.2	18
25	Maternal pentachlorophenol exposure induces developmental toxicity mediated by autophagy on pregnancy mice. <i>Ecotoxicology and Environmental Safety</i> , 2019, 169, 829-836.	2.9	18
26	Metabolomics reveals the role of acetyl-L-carnitine metabolism in β -Fe ₂ O ₃ NP-induced embryonic development toxicity via mitochondria damage. <i>Nanotoxicology</i> , 2019, 13, 204-220.	1.6	17
27	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, 300, 118994.	3.7	17
28	Developmental toxicity of triclocarban in zebrafish (<i>Danio rerio</i>) embryos. <i>Journal of Biochemical and Molecular Toxicology</i> , 2019, 33, e22289.	1.4	16
29	Pathogenic variants screening in five non-obstructive azoospermia-associated genes. <i>Molecular Human Reproduction</i> , 2014, 20, 178-183.	1.3	14
30	Association between per- and polyfluoroalkyl substances and risk of gestational diabetes mellitus. <i>International Journal of Hygiene and Environmental Health</i> , 2022, 240, 113904.	2.1	14
31	DAZ duplications confer the predisposition of Y chromosome haplogroup K* to non-obstructive azoospermia in Han Chinese populations. <i>Human Reproduction</i> , 2013, 28, 2440-2449.	0.4	13
32	Human X chromosome exome sequencing identifies BCORL1 as contributor to spermatogenesis. <i>Journal of Medical Genetics</i> , 2021, 58, 56-65.	1.5	13
33	The association of Y chromosome haplogroups with spermatogenic failure in the Han Chinese. <i>Journal of Human Genetics</i> , 2007, 52, 659-663.	1.1	12
34	Association between exposure to particulate matter during pregnancy and birthweight: a systematic review and a metaanalysis of birth cohort studies. <i>Journal of Biomedical Research</i> , 2019, 33, 56.	0.7	11
35	Enhancer RNA Inc-CES1-1 inhibits decidual cell migration by interacting with RNA-binding protein FUS and activating PPAR γ in URPL. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 24, 104-112.	2.3	11
36	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.	0.8	11

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37	Mitochondrial DNA sequencing and large-scale genotyping identifies <i>MT-ND4</i> gene mutation m.11696G>A associated with idiopathic oligoasthenospermia. <i>Oncotarget</i> , 2017, 8, 52975-52982.	0.8	11
38	Transcriptome and DNA Methylome Dynamics during Triclosan-Induced Cardiomyocyte Differentiation Toxicity. <i>Stem Cells International</i> , 2018, 2018, 1-8.	1.2	10
39	Hypomethylation of PRDM1 is associated with recurrent pregnancy loss. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 7072-7077.	1.6	10
40	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.	1.6	9
41	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.	1.1	9
42	Association between exposure to ambient air pollution and semen quality in adults: a meta-analysis. <i>Environmental Science and Pollution Research</i> , 2022, 29, 10792-10801.	2.7	9
43	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.	1.1	7
44	Y chromosome haplogroups based genome-wide association study pinpoints revelation for interactions on non-obstructive azoospermia. <i>Scientific Reports</i> , 2016, 6, 33363.	1.6	7
45	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.	2.7	7
46	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.	0.8	7
47	High-fat diet aggravates prenatal low-dose DEHP exposure induced spermatogenesis disorder: Characterization of testicular metabolic patterns in mouse offspring. <i>Chemosphere</i> , 2022, 298, 134296.	4.2	7
48	Urinary polycyclic aromatic hydrocarbons and sex hormones in children and adolescents: Evidence from NHANES. <i>Ecotoxicology and Environmental Safety</i> , 2021, 216, 112215.	2.9	6
49	Prothioconazole induces cell cycle arrest by up-regulation of EIF4EBP1 in extravillous trophoblast cells. <i>Archives of Toxicology</i> , 2022, 96, 559-570.	1.9	5
50	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.	2.7	4
51	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.	2.9	3
52	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.	2.7	3
53	Effects of 2,2,4,4-tetrabromodiphenyl ether on the development of mouse embryonic stem cells. <i>Reproductive Toxicology</i> , 2021, 106, 18-24.	1.3	3
54	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.	1.1	2

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55	Preimplantation triclosan exposure alters uterine receptivity through affecting tight junction protein. <i>Biology of Reproduction</i> , 2022, 107, 349-357.	1.2	2