

Minjian Chen

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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	1,311 citations	22 h-index	31 g-index
83 ext. papers	1,713 ext. citations	6.5 avg, IF	4.33 L-index

#	Paper	IF	Citations
80	Association of exposure to phenols and idiopathic male infertility. <i>Journal of Hazardous Materials</i> , 2013 , 250-251, 115-21	12.8	91
79	Triclosan causes spontaneous abortion accompanied by decline of estrogen sulfotransferase activity in humans and mice. <i>Scientific Reports</i> , 2015 , 5, 18252	4.9	57
78	Prenatal naled and chlorpyrifos exposure is associated with deficits in infant motor function in a cohort of Chinese infants. <i>Environment International</i> , 2017 , 106, 248-256	12.9	50
77	Determination of nine environmental phenols in urine by ultra-high-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Analytical Toxicology</i> , 2012 , 36, 608-15	2.9	50
76	The mTOR/GCLc/GSH Pathway Mediates the Dose-Dependent Bidirectional Regulation of ROS Induced by TiO ₂ NPs in Neurogenic Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 1-14	6.7	47
75	Titanium dioxide nanoparticles alter cellular morphology via disturbing the microtubule dynamics. <i>Nanoscale</i> , 2015 , 7, 8466-75	7.7	45
74	Urinary metabolome identifies signatures of oligozoospermic infertile men. <i>Fertility and Sterility</i> , 2014 , 102, 44-53.e12	4.8	39
73	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
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	Metabolomic analysis reveals metabolic changes caused by bisphenol A in rats. <i>Toxicological Sciences</i> , 2014 , 138, 256-67	4.4	35
67	The relationship between prenatal exposure to BP-3 and Hirschsprung's disease. <i>Chemosphere</i> , 2016 , 144, 1091-7	8.4	33
66	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
65	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
64	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

63	The effects of triclosan on pluripotency factors and development of mouse embryonic stem cells and zebrafish. <i>Archives of Toxicology</i> , 2015 , 89, 635-46	5.8	25
62	Obesity aggravates toxic effect of BPA on spermatogenesis. <i>Environment International</i> , 2017 , 105, 56-65	12.9	24
61	Metabolomics reveals metabolic changes in male reproductive cells exposed to thirdhand smoke. <i>Scientific Reports</i> , 2015 , 5, 15512	4.9	24
60	Metabolomic profiles reveal key metabolic changes in heat stress-treated mouse Sertoli cells. <i>Toxicology in Vitro</i> , 2015 , 29, 1745-52	3.6	23
59	Metabolomics profiles delineate uridine deficiency contributes to mitochondria-mediated apoptosis induced by celastrol in human acute promyelocytic leukemia cells. <i>Oncotarget</i> , 2016 , 7, 46557-46572	3.3	22
58	Down-regulated let-7b-5p represses glycolysis metabolism by targeting AURKB in asthenozoospermia. <i>Gene</i> , 2018 , 663, 83-87	3.8	21
57	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
56	Systematic Analysis of Impact of Sampling Regions and Storage Methods on Fecal Gut Microbiome and Metabolome Profiles. <i>MSphere</i> , 2020 , 5,	5	21
55	Characterization of Metabolic Patterns in Mouse Oocytes during Meiotic Maturation. <i>Molecular Cell</i> , 2020 , 80, 525-540.e9	17.6	19
54	Distribution and predictors of 20 toxic and essential metals in the umbilical cord blood of Chinese newborns. <i>Chemosphere</i> , 2018 , 210, 1167-1175	8.4	17
53	Benzene exposure induces gut microbiota dysbiosis and metabolic disorder in mice. <i>Science of the Total Environment</i> , 2020 , 705, 135879	10.2	17
52	Metabolic changes associated with papillary thyroid carcinoma: A nuclear magnetic resonance-based metabolomics study. <i>International Journal of Molecular Medicine</i> , 2018 , 41, 3006-3014	4.4	17
51	Determination of twenty organophosphorus pesticides in blood serum by gas chromatography-tandem mass spectrometry. <i>Analytical Methods</i> , 2016 , 8, 4487-4496	3.2	16
50	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
49	Developmental Neurotoxicity of Methamidophos in the Embryo-Larval Stages of Zebrafish. <i>International Journal of Environmental Research and Public Health</i> , 2016 , 14,	4.6	15
48	Distribution and Predictors of Pesticides in the Umbilical Cord Blood of Chinese Newborns. <i>International Journal of Environmental Research and Public Health</i> , 2015 , 13,	4.6	15
47	Metabolome-wide association study identified the association between a circulating polyunsaturated fatty acids variant rs174548 and lung cancer. <i>Carcinogenesis</i> , 2017 , 38, 1147-1154	4.6	14
46	miR-98 and its host gene Huwe1 target Caspase-3 in Silica nanoparticles-treated male germ cells. <i>Scientific Reports</i> , 2015 , 5, 12938	4.9	14

45	Metabolomics study and meta-analysis on the association between maternal pesticide exposome and birth outcomes. <i>Environmental Research</i> , 2020 , 182, 109087	7.9	14
44	Identifying a critical window of maternal metal exposure for maternal and neonatal thyroid function in China: A cohort study. <i>Environment International</i> , 2020 , 139, 105696	12.9	13
43	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
42	Prenatal lignan exposures, pregnancy urine estrogen profiles and birth outcomes. <i>Environmental Pollution</i> , 2015 , 205, 261-8	9.3	12
41	Prenatal organophosphate insecticide exposure and infant sensory function. <i>International Journal of Hygiene and Environmental Health</i> , 2018 , 221, 469-478	6.9	12
40	Metabolic alterations associated with polycystic ovary syndrome: A UPLC Q-Exactive based metabolomic study. <i>Clinica Chimica Acta</i> , 2020 , 502, 280-286	6.2	12
39	Prenatal exposure to glufosinate ammonium disturbs gut microbiome and induces behavioral abnormalities in mice. <i>Journal of Hazardous Materials</i> , 2020 , 389, 122152	12.8	11
38	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
37	Meconium microbiome associates with the development of neonatal jaundice. <i>Clinical and Translational Gastroenterology</i> , 2018 , 9, 182	4.2	11
36	Prenatal exposure to the herbicide 2,4-D is associated with deficits in auditory processing during infancy. <i>Environmental Research</i> , 2019 , 172, 486-494	7.9	10
35	Di-n-butyl phthalate promotes lipid accumulation via the miR200c-5p-ABCA1 pathway in THP-1 macrophages. <i>Environmental Pollution</i> , 2020 , 264, 114723	9.3	10
34	Metabolomics Reveals Metabolic Changes Caused by Low-Dose 4-Tert-Octylphenol in Mice Liver. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	10
33	Simultaneous quantification of five phenols in settled house dust using ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Analytical Methods</i> , 2013 , 5, 5339	3.2	9
32	Effect of perfluorooctane sulfonate on pluripotency and differentiation factors in mouse embryoid bodies. <i>Toxicology</i> , 2015 , 328, 160-7	4.4	9
31	Genetic variants in PTPRD and risk of gestational diabetes mellitus. <i>Oncotarget</i> , 2016 , 7, 76101-76107	3.3	9
30	Cortisol, cortisone, and 4-methoxyphenylacetic acid as potential plasma biomarkers for early detection of non-small cell lung cancer. <i>International Journal of Biological Markers</i> , 2018 , 33, 314-320	2.8	8
29	Up regulation of miR-96-5p is responsible for TiO NPs induced invasion dysfunction of human trophoblastic cells via disturbing Ezrin mediated cytoskeletons arrangement. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 117, 109125	7.5	7
28	NF-B-vimentin is involved in steroidogenesis stimulated by mono-butyl phthalate in primary cultured ovarian granulosa cells. <i>Toxicology in Vitro</i> , 2017 , 45, 25-30	3.6	7

27	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
26	A multi-method evaluation of the effects of Inflammatory cytokines (IL-1 β , IFN- γ , TNF- α) on pancreatic B-cells. <i>Journal of Cellular Physiology</i> , 2018 , 233, 9375-9382	7	6
25	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
24	A metabolomic study on the association of exposure to heavy metals in the first trimester with primary tooth eruption. <i>Science of the Total Environment</i> , 2020 , 723, 138107	10.2	6
23	Preliminary study on impacts of polystyrene microplastics on the hematological system and gene expression in bone marrow cells of mice. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 218, 112296	7	5
22	The Serum microRNA Profile of Intrahepatic Cholestasis of Pregnancy: Identification of Novel Noninvasive Biomarkers. <i>Cellular Physiology and Biochemistry</i> , 2018 , 51, 1480-1488	3.9	5
21	A metabolomic study on the gender-dependent effects of maternal exposure to fenvalerate on neurodevelopment in offspring mice. <i>Science of the Total Environment</i> , 2020 , 707, 136130	10.2	4
20	Gestational diabetes mellitus is associated with the neonatal gut microbiota and metabolome. <i>BMC Medicine</i> , 2021 , 19, 120	11.4	4
19	Metabolomics Reveals that Cysteine Metabolism Plays a Role in Celastrol-Induced Mitochondrial Apoptosis in HL-60 and NB-4 Cells. <i>Scientific Reports</i> , 2020 , 10, 471	4.9	3
18	NF- κ B-vimentin is involved in steroidogenesis stimulated by di-n-butyl phthalate in prepubertal female rats. <i>Toxicology Research</i> , 2018 , 7, 826-833	2.6	3
17	Use of data-independent acquisition mass spectrometry for comparative proteomics analyses of sera from pregnant women with intrahepatic cholestasis of pregnancy. <i>Journal of Proteomics</i> , 2021 , 236, 104124	3.9	3
16	The profiling of elements and pesticides in surface water in Nanjing, China with global comparisons. <i>Science of the Total Environment</i> , 2021 , 774, 145749	10.2	3
15	ERp29 inhibition attenuates TCA toxicity via affecting p38/p53- dependent pathway in human trophoblast HTR-8/SVeno cells. <i>Archives of Biochemistry and Biophysics</i> , 2019 , 676, 108125	4.1	2
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	The relationship between semen factors and unexplained recurrent spontaneous abortion. <i>Clinica Chimica Acta</i> , 2020 , 510, 605-612	6.2	2
12	Metabolomic profiling identifies novel biomarkers and mechanisms in human bladder cancer treated with submucosal injection of gemcitabine. <i>International Journal of Molecular Medicine</i> , 2019 , 44, 1952-1962	4.4	2
11	Glycylglycine plays critical roles in the proliferation of spermatogonial stem cells. <i>Molecular Medicine Reports</i> , 2019 , 20, 3802-3810	2.9	1
10	ERp29 affects the migratory and invasive ability of human extravillous trophoblast HTR-8/SVneo cells via modulating the epithelial-mesenchymal transition. <i>Journal of Biochemical and Molecular Toxicology</i> , 2020 , 34, e22454	3.4	1

9	Lipidomic analysis reveals disturbances in glycerophospholipid and sphingolipid metabolic pathways in benzene-exposed mice. <i>Toxicology Research</i> , 2021 , 10, 706-718	2.6	1
8	Multiple Omics Analysis reveals the role of prostaglandin E2 in Hirschsprung's disease. <i>Free Radical Biology and Medicine</i> , 2021 , 164, 390-398	7.8	1
7	Diagnostic and Prognostic Value of Long Noncoding RNAs as Potential Novel Biomarkers in Intrahepatic Cholestasis of Pregnancy. <i>BioMed Research International</i> , 2021 , 2021, 8858326	3	1
6	Associations between the Maternal Exposome and Metabolome during Pregnancy.. <i>Environmental Health Perspectives</i> , 2022 , 130, 37003	8.4	1
5	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
4	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
3	Studies on Novel Diagnostic and Predictive Biomarkers of Intrahepatic Cholestasis of Pregnancy Through Metabolomics and Proteomics. <i>Frontiers in Immunology</i> , 2021 , 12, 733225	8.4	0
2	A metabolomic study on the effect of prenatal exposure to Benzophenone-3 on spontaneous fetal loss in mice.. <i>Ecotoxicology and Environmental Safety</i> , 2022 , 233, 113347	7	0
1	P09.05 Unusually low prevalence of mycoplasma genitalium and trichomonas vaginalis in urine samples from chinese women attending a centre of prenatal diagnosis. <i>Sexually Transmitted Infections</i> , 2015 , 91, A149.1-A149	2.8	