

Yan-Kai Xia

List of Publications by Year in descending order

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Version: 2024-02-01

286
papers

8,970
citations

43973

48
h-index

85405

71
g-index

304
all docs

304
docs citations

304
times ranked

12086
citing authors

#	ARTICLE	IF	CITATIONS
1	Association between exposure to a mixture of phenols, pesticides, and phthalates and obesity: Comparison of three statistical models. <i>Environment International</i> , 2019, 123, 325-336.	4.8	265
2	Early Second-Trimester Serum MiRNA Profiling Predicts Gestational Diabetes Mellitus. <i>PLoS ONE</i> , 2011, 6, e23925.	1.1	188
3	Assessing Hormone Receptor Activities of Pyrethroid Insecticides and Their Metabolites in Reporter Gene Assays. <i>Toxicological Sciences</i> , 2010, 116, 58-66.	1.4	170
4	Altered gut microbial profile is associated with abnormal metabolism activity of Autism Spectrum Disorder. <i>Gut Microbes</i> , 2020, 11, 1246-1267.	4.3	166
5	Circular RNA ZNF609 functions as a competitive endogenous RNA to regulate AKT3 expression by sponging miR-150-5p in Hirschsprung's disease. <i>Oncotarget</i> , 2017, 8, 808-818.	0.8	157
6	A genome-wide association study in Chinese men identifies three risk loci for non-obstructive azoospermia. <i>Nature Genetics</i> , 2012, 44, 183-186.	9.4	139
7	Perfluorooctane sulfonate (PFOS) affects hormone receptor activity, steroidogenesis, and expression of endocrine-related genes in vitro and in vivo. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 353-360.	2.2	135
8	Systematic identification of genes with a cancer-testis expression pattern in 19 cancer types. <i>Nature Communications</i> , 2016, 7, 10499.	5.8	124
9	Idiopathic Male Infertility Is Strongly Associated with Aberrant Promoter Methylation of Methylene-tetrahydrofolate Reductase (MTHFR). <i>PLoS ONE</i> , 2010, 5, e13884.	1.1	121
10	Seminal plasma microRNAs: potential biomarkers for spermatogenesis status. <i>Molecular Human Reproduction</i> , 2012, 18, 489-497.	1.3	121
11	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, 1827-1836.	0.4	115
12	Change in circulating microRNA profile of obese children indicates future risk of adult diabetes. <i>Metabolism: Clinical and Experimental</i> , 2018, 78, 95-105.	1.5	103
13	Genotoxic effects on human spermatozoa among pesticide factory workers exposed to fenvalerate. <i>Toxicology</i> , 2004, 203, 49-60.	2.0	93
14	Reduced birth weight in relation to pesticide mixtures detected in cord blood of full-term infants. <i>Environment International</i> , 2012, 47, 80-85.	4.8	89
15	A genome-wide association study identifies two risk loci for congenital heart malformations in Han Chinese populations. <i>Nature Genetics</i> , 2013, 45, 818-821.	9.4	88
16	The relation between urinary metabolite of pyrethroid insecticides and semen quality in humans. <i>Fertility and Sterility</i> , 2008, 89, 1743-1750.	0.5	86
17	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
18	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

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19	Effects induced by polyethylene microplastics oral exposure on colon mucin release, inflammation, gut microflora composition and metabolism in mice. <i>Ecotoxicology and Environmental Safety</i> , 2021, 220, 112340.	2.9	85
20	The <i>in Vitro</i> estrogenic activities of triclosan and triclocarban. <i>Journal of Applied Toxicology</i> , 2014, 34, 1060-1067.	1.4	83
21	Partial deletions are associated with an increased risk of complete deletion in AZFc: a new insight into the role of partial AZFc deletions in male infertility. <i>Journal of Medical Genetics</i> , 2007, 44, 437-444.	1.5	82
22	Genetic variants in Piwi-interacting RNA pathway genes confer susceptibility to spermatogenic failure in a Chinese population. <i>Human Reproduction</i> , 2010, 25, 2955-2961.	0.4	78
23	Effects of non-occupational environmental exposure to pyrethroids on semen quality and sperm DNA integrity in Chinese men. <i>Reproductive Toxicology</i> , 2011, 31, 171-176.	1.3	78
24	Triclosan causes spontaneous abortion accompanied by decline of estrogen sulfotransferase activity in humans and mice. <i>Scientific Reports</i> , 2015, 5, 18252.	1.6	77
25	Urinary metabolites of polycyclic aromatic hydrocarbons in relation to idiopathic male infertility. <i>Human Reproduction</i> , 2009, 24, 1067-1074.	0.4	75
26	Urinary Metabolomics Revealed Arsenic Internal Dose-Related Metabolic Alterations: A Proof-of-Concept Study in a Chinese Male Cohort. <i>Environmental Science & Technology</i> , 2014, 48, 12265-12274.	4.6	73
27	Alteration in gut microbiota is associated with dysregulation of cytokines and glucocorticoid therapy in systemic lupus erythematosus. <i>Gut Microbes</i> , 2020, 11, 1758-1773.	4.3	73
28	Genotoxic Effects on Spermatozoa of Carbaryl-Exposed Workers. <i>Toxicological Sciences</i> , 2005, 85, 615-623.	1.4	72
29	High urinary bisphenol A concentrations in workers and possible laboratory abnormalities. <i>Occupational and Environmental Medicine</i> , 2012, 69, 679-684.	1.3	70
30	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.	4.8	68
31	Chronic Exposure of Female Mice to an Environmental Level of Perfluorooctane Sulfonate Suppresses Estrogen Synthesis Through Reduced Histone H3K14 Acetylation of the StAR Promoter Leading to Deficits in Follicular Development and Ovulation. <i>Toxicological Sciences</i> , 2015, 148, 368-379.	1.4	67
32	Prenatal exposure to maternal smoking during pregnancy and attention-deficit/hyperactivity disorder in offspring: A meta-analysis. <i>Reproductive Toxicology</i> , 2018, 76, 63-70.	1.3	66
33	Association analysis identifies new risk loci for non-obstructive azoospermia in Chinese men. <i>Nature Communications</i> , 2014, 5, 3857.	5.8	64
34	Efficient typing of copy number variations in a segmental duplication-mediated rearrangement hotspot using multiplex competitive amplification. <i>Journal of Human Genetics</i> , 2012, 57, 545-551.	1.1	63
35	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
36	A cancer-testis non-coding RNA LIN28B-AS1 activates driver gene LIN28B by interacting with IGF2BP1 in lung adenocarcinoma. <i>Oncogene</i> , 2019, 38, 1611-1624.	2.6	61

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37	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
38	Urinary phytoestrogen levels related to idiopathic male infertility in Chinese men. <i>Environment International</i> , 2013, 59, 161-167.	4.8	58
39	miR-141 Contributes to Fetal Growth Restriction by Regulating PLAG1 Expression. <i>PLoS ONE</i> , 2013, 8, e58737.	1.1	58
40	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
41	Determination of Nine Environmental Phenols in Urine by Ultra-High-Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Analytical Toxicology</i> , 2012, 36, 608-615.	1.7	56
42	Relation between Urinary Metabolites of Polycyclic Aromatic Hydrocarbons and Human Semen Quality. <i>Environmental Science & Technology</i> , 2009, 43, 4567-4573.	4.6	55
43	Neuronal ERK signaling in response to graphene oxide in nematode <i>Caenorhabditis elegans</i> . <i>Nanotoxicology</i> , 2017, 11, 520-533.	1.6	55
44	Long non-coding RNA FAL1 functions as a ceRNA to antagonize the effect of miR-637 on the down-regulation of AKT1 in Hirschsprung's disease. <i>Cell Proliferation</i> , 2018, 51, e12489.	2.4	55
45	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
46	Graphene oxide quantum dots disrupt autophagic flux by inhibiting lysosome activity in GC-2 and TM4 cell lines. <i>Toxicology</i> , 2016, 374, 10-17.	2.0	54
47	Metabolomic Analysis Reveals a Unique Urinary Pattern in Normozoospermic Infertile Men. <i>Journal of Proteome Research</i> , 2014, 13, 3088-3099.	1.8	53
48	Low-level environmental arsenic exposure correlates with unexplained male infertility risk. <i>Science of the Total Environment</i> , 2016, 571, 307-313.	3.9	52
49	Mitochondria-related miR-151a-5p reduces cellular ATP production by targeting CYTB in asthenozoospermia. <i>Scientific Reports</i> , 2016, 5, 17743.	1.6	52
50	Seminal plasma metabolomics approach for the diagnosis of unexplained male infertility. <i>PLoS ONE</i> , 2017, 12, e0181115.	1.1	52
51	Titanium dioxide nanoparticles alter cellular morphology via disturbing the microtubule dynamics. <i>Nanoscale</i> , 2015, 7, 8466-8475.	2.8	50
52	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
53	Urinary metabolome identifies signatures of oligozoospermic infertile men. <i>Fertility and Sterility</i> , 2014, 102, 44-53.e12.	0.5	49
54	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

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55	The relationship between prenatal exposure to BP-3 and Hirschsprung's disease. <i>Chemosphere</i> , 2016, 144, 1091-1097.	4.2	48
56	Evaluation of Maternal Exposure to PM _{2.5} and Its Components on Maternal and Neonatal Thyroid Function and Birth Weight: A Cohort Study. <i>Thyroid</i> , 2019, 29, 1147-1157.	2.4	48
57	<i>SLIT2</i> / <i>ROBO2</i> and <i>RET</i> / <i>PLAG1</i> : a new disease pathway involved in Hirschsprung's disease. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 1197-1207.	1.6	45
58	Carbon black suppresses the osteogenesis of mesenchymal stem cells: the role of mitochondria. <i>Particle and Fibre Toxicology</i> , 2018, 15, 16.	2.8	45
59	Maternal air pollution exposure and preterm birth in Wuxi, China: Effect modification by maternal age. <i>Ecotoxicology and Environmental Safety</i> , 2018, 157, 457-462.	2.9	44
60	Gestational diabetes mellitus is associated with the neonatal gut microbiota and metabolome. <i>BMC Medicine</i> , 2021, 19, 120.	2.3	44
61	GC-MS-based metabolomic analysis of human papillary thyroid carcinoma tissue. <i>International Journal of Molecular Medicine</i> , 2015, 36, 1607-1614.	1.8	43
62	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
63	Exposure to Titanium Dioxide Nanoparticles During Pregnancy Changed Maternal Gut Microbiota and Increased Blood Glucose of Rat. <i>Nanoscale Research Letters</i> , 2019, 14, 26.	3.1	43
64	An acetyl-L-carnitine switch on mitochondrial dysfunction and rescue in the metabolomics study on aluminum oxide nanoparticles. <i>Particle and Fibre Toxicology</i> , 2015, 13, 4.	2.8	42
65	Metabolomic Analysis Reveals Metabolic Changes Caused by Bisphenol A in Rats. <i>Toxicological Sciences</i> , 2014, 138, 256-267.	1.4	41
66	The Long Non-Coding RNA ENST00000537266 and ENST00000426615 Influence Papillary Thyroid Cancer Cell Proliferation and Motility. <i>Cellular Physiology and Biochemistry</i> , 2016, 38, 368-378.	1.1	41
67	Fenvalerate inhibits the growth of primary cultured rat preantral ovarian follicles. <i>Toxicology</i> , 2010, 267, 1-6.	2.0	40
68	Urinary Metabolic Biomarkers Link Oxidative Stress Indicators Associated with General Arsenic Exposure to Male Infertility In a Han Chinese Population. <i>Environmental Science & Technology</i> , 2013, 47, 130722083038001.	4.6	40
69	Aberrant Reduction of MiR-141 Increased CD47/CUL3 in Hirschsprung's Disease. <i>Cellular Physiology and Biochemistry</i> , 2013, 32, 1655-1667.	1.1	40
70	Joint Effects of XRCC1 Polymorphisms and Polycyclic Aromatic Hydrocarbons Exposure on Sperm DNA Damage and Male Infertility. <i>Toxicological Sciences</i> , 2010, 116, 92-98.	1.4	39
71	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.	1.1	39
72	Effect of bisphenol A on pluripotency of mouse embryonic stem cells and differentiation capacity in mouse embryoid bodies. <i>Toxicology in Vitro</i> , 2013, 27, 2249-2255.	1.1	39

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73	Decreased MiR-200a/141 Suppress Cell Migration and Proliferation by Targeting PTEN in Hirschsprung's Disease. <i>Cellular Physiology and Biochemistry</i> , 2014, 34, 543-553.	1.1	39
74	The correlation between PM2.5 exposure and hypertensive disorders in pregnancy: A Meta-analysis. <i>Science of the Total Environment</i> , 2020, 703, 134985.	3.9	39
75	Obesity aggravates toxic effect of BPA on spermatogenesis. <i>Environment International</i> , 2017, 105, 56-65.	4.8	38
76	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.	1.4	38
77	Systematic Analysis of Impact of Sampling Regions and Storage Methods on Fecal Gut Microbiome and Metabolome Profiles. <i>MSphere</i> , 2020, 5, .	1.3	37
78	Metabolomic profiles reveal key metabolic changes in heat stress-treated mouse Sertoli cells. <i>Toxicology in Vitro</i> , 2015, 29, 1745-1752.	1.1	34
79	Personal exposure to PM2.5, genetic variants and DNA damage: A multi-center population-based study in Chinese. <i>Toxicology Letters</i> , 2015, 235, 172-178.	0.4	34
80	Interactions between Exposure to Environmental Polycyclic Aromatic Hydrocarbons and DNA Repair Gene Polymorphisms on Bulky DNA Adducts in Human Sperm. <i>PLoS ONE</i> , 2010, 5, e13145.	1.1	34
81	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
82	The effects of triclosan on pluripotency factors and development of mouse embryonic stem cells and zebrafish. <i>Archives of Toxicology</i> , 2015, 89, 635-646.	1.9	33
83	Metabolomics study and meta-analysis on the association between maternal pesticide exposome and birth outcomes. <i>Environmental Research</i> , 2020, 182, 109087.	3.7	33
84	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, 227-233.	1.9	32
85	Phthalate metabolites related to infertile biomarkers and infertility in Chinese men. <i>Environmental Pollution</i> , 2017, 231, 291-300.	3.7	32
86	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
87	ERCC1 and ERCC2 polymorphisms and risk of idiopathic azoospermia in a Chinese population. <i>Reproductive BioMedicine Online</i> , 2008, 17, 36-41.	1.1	31
88	Reproductive hormones in relation to polycyclic aromatic hydrocarbon (PAH) metabolites among non-occupational exposure of males. <i>Science of the Total Environment</i> , 2010, 408, 768-773.	3.9	31
89	Metabolomic profiles delineate the potential role of glycine in gold nanorod-induced disruption of mitochondria and bloodâ€“testis barrier factors in TM-4 cells. <i>Nanoscale</i> , 2014, 6, 8265-8273.	2.8	31
90	miR-20a contributes to endometriosis by regulating NTN4 expression. <i>Molecular Biology Reports</i> , 2014, 41, 5793-5797.	1.0	31

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91	Metabolomics reveals metabolic changes in male reproductive cells exposed to thirdhand smoke. <i>Scientific Reports</i> , 2015, 5, 15512.	1.6	31
92	Effects of particulate matter exposure on semen quality: A retrospective cohort study. <i>Ecotoxicology and Environmental Safety</i> , 2020, 193, 110319.	2.9	31
93	Specific serum microRNA profile in the molecular diagnosis of Hirschsprung's disease. <i>Journal of Cellular and Molecular Medicine</i> , 2014, 18, 1580-1587.	1.6	30
94	Early exposure to thirdhand cigarette smoke affects body mass and the development of immunity in mice. <i>Scientific Reports</i> , 2017, 7, 41915.	1.6	30
95	Aberrant expression of LncRNA-MIR31HG regulates cell migration and proliferation by affecting miR-31 and miR-31* in Hirschsprung's disease. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 8195-8203.	1.2	30
96	Down-regulated let-7b-5p represses glycolysis metabolism by targeting AURKB in asthenozoospermia. <i>Gene</i> , 2018, 663, 83-87.	1.0	30
97	Short-term early exposure to thirdhand cigarette smoke increases lung cancer incidence in mice. <i>Clinical Science</i> , 2018, 132, 475-488.	1.8	30
98	Endoplasmic reticulum stress mediates inflammatory response triggered by ultra-small superparamagnetic iron oxide nanoparticles in hepatocytes. <i>Nanotoxicology</i> , 2018, 12, 1198-1214.	1.6	30
99	microRNA-802/Rnd3 pathway imposes on carcinogenesis and metastasis of fine particulate matter exposure. <i>Oncotarget</i> , 2016, 7, 35026-35043.	0.8	30
100	The role, mechanism and potentially novel biomarker of microRNA-17-92 cluster in macrosomia. <i>Scientific Reports</i> , 2015, 5, 17212.	1.6	29
101	Nidogen-1 is a common target of microRNAs MiR-192/215 in the pathogenesis of Hirschsprung's disease. <i>Journal of Neurochemistry</i> , 2015, 134, 39-46.	2.1	29
102	Adverse Health Effects of Thirdhand Smoke: From Cell to Animal Models. <i>International Journal of Molecular Sciences</i> , 2017, 18, 932.	1.8	29
103	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.	3.9	29
104	Developmental toxicity of disinfection by-product monohaloacetamides in embryo-larval stage of zebrafish. <i>Ecotoxicology and Environmental Safety</i> , 2020, 189, 110037.	2.9	29
105	Relationships between gut microbiota, plasma glucose and gestational diabetes mellitus. <i>Journal of Diabetes Investigation</i> , 2021, 12, 641-650.	1.1	29
106	Polymorphisms in HPV E6/E7 protein interacted genes and risk of cervical cancer in Chinese women: A case-control analysis. <i>Gynecologic Oncology</i> , 2009, 114, 327-331.	0.6	28
107	Contribution of trace element exposure to gestational diabetes mellitus through disturbing the gut microbiome. <i>Environment International</i> , 2021, 153, 106520.	4.8	28
108	Environmental chemical exposure dynamics and machine learning-based prediction of diabetes mellitus. <i>Science of the Total Environment</i> , 2022, 806, 150674.	3.9	28

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109	Gene variations in Autism Spectrum Disorder are associated with alternation of gut microbiota, metabolites and cytokines. <i>Gut Microbes</i> , 2021, 13, 1-16.	4.3	28
110	Polymorphisms in <i>CYP1A1</i> gene are associated with male infertility in a Chinese population. <i>Journal of Developmental and Physical Disabilities</i> , 2008, 31, 527-533.	3.6	27
111	Polymorphisms in cell death pathway genes are associated with altered sperm apoptosis and poor semen quality. <i>Human Reproduction</i> , 2009, 24, 2439-2446.	0.4	27
112	Genetic variants in microRNA biogenesis pathway genes are associated with semen quality in a Han-Chinese population. <i>Reproductive BioMedicine Online</i> , 2012, 24, 454-461.	1.1	27
113	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
114	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
115	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
116	2,2',4,4'-Tetrabromodiphenyl ether disrupts spermatogenesis, impairs mitochondrial function and induces apoptosis of early leptotene spermatocytes in rats. <i>Reproductive Toxicology</i> , 2015, 51, 114-124.	1.3	26
117	Association analysis identifies new risk loci for congenital heart disease in Chinese populations. <i>Nature Communications</i> , 2015, 6, 8082.	5.8	26
118	Prenatal exposure to multiple pesticides is associated with auditory brainstem response at 9 months in a cohort study of Chinese infants. <i>Environment International</i> , 2016, 92-93, 478-485.	4.8	26
119	Suppressive action of miRNAs to ARP2/3 complex reduces cell migration and proliferation via RAC isoforms in Hirschsprung disease. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 1266-1275.	1.6	26
120	LncRNA AFAP1-AS Functions as a Competing Endogenous RNA to Regulate RAP1B Expression by sponging miR-181a in the HSCR. <i>International Journal of Medical Sciences</i> , 2017, 14, 1022-1030.	1.1	26
121	Long non-coding RNA LOC100507600 functions as a competitive endogenous RNA to regulate BMI1 expression by sponging miR128-1-3p in Hirschsprung's disease. <i>Cell Cycle</i> , 2018, 17, 459-467.	1.3	26
122	Meconium microbiome associates with the development of neonatal jaundice. <i>Clinical and Translational Gastroenterology</i> , 2018, 9, e182.	1.3	26
123	Titanium dioxide nanoparticles induce proteostasis disruption and autophagy in human trophoblast cells. <i>Chemico-Biological Interactions</i> , 2018, 296, 124-133.	1.7	26
124	The impact of prenatal exposure to PM2.5 on childhood asthma and wheezing: a meta-analysis of observational studies. <i>Environmental Science and Pollution Research</i> , 2020, 27, 29280-29290.	2.7	26
125	Increased risk of gestational diabetes mellitus in women with higher prepregnancy ambient PM2.5 exposure. <i>Science of the Total Environment</i> , 2020, 730, 138982.	3.9	26
126	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.	4.8	26

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127	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
128	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, 388-392.	1.0	25
129	Long non coding RNA HOTTIP/HOXA13 act as synergistic role by decreasing cell migration and proliferation in Hirschsprung disease. <i>Biochemical and Biophysical Research Communications</i> , 2015, 463, 569-574.	1.0	25
130	miR-96-5p and miR-101-3p as potential intervention targets to rescue TiO ₂ -NP-induced autophagy and migration impairment of human trophoblastic cells. <i>Biomaterials Science</i> , 2018, 6, 3273-3283.	2.6	25
131	Prenatal exposure to glufosinate ammonium disturbs gut microbiome and induces behavioral abnormalities in mice. <i>Journal of Hazardous Materials</i> , 2020, 389, 122152.	6.5	25
132	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.	0.8	24
133	Distribution and Predictors of Pesticides in the Umbilical Cord Blood of Chinese Newborns. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 94.	1.2	24
134	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.	1.8	24
135	Distribution and predictors of 20 toxic and essential metals in the umbilical cord blood of Chinese newborns. <i>Chemosphere</i> , 2018, 210, 1167-1175.	4.2	24
136	Prospective study reveals a microbiome signature that predicts the occurrence of post-operative enterocolitis in Hirschsprung disease (HSCR) patients. <i>Gut Microbes</i> , 2020, 11, 842-854.	4.3	24
137	Assisted reproductive technology and birth defects in a Chinese birth cohort study. <i>The Lancet Regional Health - Western Pacific</i> , 2021, 7, 100090.	1.3	24
138	Association of XRCC1 gene polymorphisms with idiopathic azoospermia in a Chinese population. <i>Asian Journal of Andrology</i> , 2007, 9, 781-786.	0.8	23
139	The effect of anti-eppin antibodies on ionophore A23187-induced calcium influx and acrosome reaction of human spermatozoa. <i>Human Reproduction</i> , 2010, 25, 29-36.	0.4	23
140	Methylation analysis of EDNRB in human colon tissues of Hirschsprung's disease. <i>Pediatric Surgery International</i> , 2013, 29, 683-688.	0.6	23
141	Prenatal organophosphate insecticide exposure and infant sensory function. <i>International Journal of Hygiene and Environmental Health</i> , 2018, 221, 469-478.	2.1	23
142	Association between ambient particulate matter exposure and semen quality in fertile men. <i>Environmental Health</i> , 2022, 21, 16.	1.7	23
143	Exposure to multiple trace elements and miscarriage during early pregnancy: A mixtures approach. <i>Environment International</i> , 2022, 162, 107161.	4.8	23
144	Evaluation of Five Candidate Genes from GWAS for Association with Oligozoospermia in a Han Chinese Population. <i>PLoS ONE</i> , 2013, 8, e80374.	1.1	22

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145	MicroRNA-939 inhibits cell proliferation via targeting LRSAM1 in Hirschsprung's disease. <i>Aging</i> , 2017, 9, 2471-2479.	1.4	22
146	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
147	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.	1.3	21
148	Developmental Neurotoxicity of Methamidophos in the Embryo-Larval Stages of Zebrafish. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 23.	1.2	21
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