Yan-Kai Xia

List of Publications by Year in Descending Order

282 papers	6,097 citations	39 h-index	59 g-index
304 ext. papers	7,581 ext. citations	6 avg, IF	5.6 L-index

#	Paper	IF	Citations
282	Association between ambient particulate matter exposure and semen quality in fertile men.. *Environmental Health*, **2022**, 21, 16	6	1
281	Prothioconazole induces cell cycle arrest by up-regulation of EIF4EBP1 in extravillous trophoblast cells.. *Archives of Toxicology*, **2022**, 96, 559	5.8	1
280	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**, 118994	9.3	0
279	Association of Maternal Dietary Patterns during Gestation and Offspring Neurodevelopment.. *Nutrients*, **2022**, 14,	6.7	2
278	Associations between PM exposure and infant growth: A mediation analysis of oral microbiota.. *Science of the Total Environment*, **2022**, 823, 153688	10.2	1
277	Environmental chemical exposure dynamics and machine learning-based prediction of diabetes mellitus. *Science of the Total Environment*, **2022**, 806, 150674	10.2	4
276	Effects of glufosinate-ammonium on male reproductive health: Focus on epigenome and transcriptome in mouse sperm. *Chemosphere*, **2022**, 287, 132395	8.4	2
275	Associations between the Maternal Exposome and Metabolome during Pregnancy.. *Environmental Health Perspectives*, **2022**, 130, 37003	8.4	1
274	A metabolomic study on the effect of prenatal exposure to Benzophenone-3 on spontaneous fetal loss in mice.. *Ecotoxicology and Environmental Safety*, **2022**, 233, 113347	7	0
273	Exposure to multiple trace elements and miscarriage during early pregnancy: A mixtures approach.. *Environment International*, **2022**, 162, 107161	12.9	2
272	Simultaneous determination of 16 urinary metabolites of organophosphate flame retardants and organophosphate pesticides by solid phase extraction and ultra performance liquid chromatography coupled to tandem mass spectrometry.. *Chemosphere*, **2022**, 134585	8.4	0
271	Association between triclosan exposure and obesity measures among 7-year-old children in northern China.. *Ecotoxicology and Environmental Safety*, **2022**, 239, 113610	7	0
270	A Survey Study Reveals the Positive Impact of Oncofertility Knowledge and Attitude on Oncofertility Practice Among Oncologists in China. *Journal of Adolescent and Young Adult Oncology*, **2021**, 10, 606-613	2.2	2
269	Glufosinate-Ammonium Induced Aberrant Histone Modifications in Mouse Sperm Are Concordant With Transcriptome in Preimplantation Embryos.. *Frontiers in Physiology*, **2021**, 12, 819856	4.6	1
268	Stress, anxiety, and depression in infertile couples are not associated with a first IVF or ICSI treatment outcome. *BMC Pregnancy and Childbirth*, **2021**, 21, 725	3.2	1
267	Recent Advances of MicroRNAs, Long Non-coding RNAs, and Circular RNAs in Preeclampsia. *Frontiers in Physiology*, **2021**, 12, 659638	4.6	3
266	Child marriage, maternal serum metal exposure, and risk of preterm birth in rural Bangladesh: evidence from mediation analysis. *Journal of Exposure Science and Environmental Epidemiology*, **2021**, 31, 571-580	6.7	2

265	Gut microbiome and resistome changes during the first wave of the COVID-19 pandemic in comparison with pre-pandemic travel-related changes. *Journal of Travel Medicine*, **2021**, 28,	12.9	2
264	Gestational diabetes mellitus is associated with the neonatal gut microbiota and metabolome. *BMC Medicine*, **2021**, 19, 120	11.4	4
263	Exploration of the developmental toxicity of TCS and PFOS to zebrafish embryos by whole-genome gene expression analyses. *Environmental Science and Pollution Research*, **2021**, 28, 56032-56042	5.1	0
262	Association between mercury exposure and thyroid hormones levels: A meta-analysis. *Environmental Research*, **2021**, 196, 110928	7.9	1
261	Thirdhand cigarette smoke leads to age-dependent and persistent alterations in the cecal microbiome of mice. *MicrobiologyOpen*, **2021**, 10, e1198	3.4	2
260	Effects of exposure to urban particulate matter SRM 1648a during pregnancy on the neurobehavioral development of offspring mice. *Ecotoxicology and Environmental Safety*, **2021**, 215, 112142	7	2
259	Genetic background influences the effect of thirdhand smoke exposure on anxiety and memory in Collaborative Cross mice. *Scientific Reports*, **2021**, 11, 13285	4.9	0
258	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	24.7	7
257	Enhancer RNA lnc-CES1-1 inhibits decidual cell migration by interacting with RNA-binding protein FUS and activating PPARγ in URPL. *Molecular Therapy - Nucleic Acids*, **2021**, 24, 104-112	10.7	4
256	Human X chromosome exome sequencing identifies as contributor to spermatogenesis. *Journal of Medical Genetics*, **2021**, 58, 56-65	5.8	4
255	Relationships between gut microbiota, plasma glucose and gestational diabetes mellitus. *Journal of Diabetes Investigation*, **2021**, 12, 641-650	3.9	6
254	Associations of maternal exposure to fine particulate matter constituents during pregnancy with Apgar score and duration of labor: A retrospective study in Guangzhou, China, 2012-2017. *Chemosphere*, **2021**, 273, 128442	8.4	
253	Immunity and coagulation and fibrinolytic processes may reduce the risk of severe illness in pregnant women with coronavirus disease 2019. *American Journal of Obstetrics and Gynecology*, **2021**, 224, 393.e1-393.e25	6.4	9
252	Multiple ₹omicsPanalysis reveals the role of prostaglandin E2 in Hirschsprung₹ disease. *Free Radical Biology and Medicine*, **2021**, 164, 390-398	7.8	1
251	Antagonistic effect of early stage zinc on arsenic toxicity induced preterm birth during pregnancy: evidence from a rural Bangladesh birth cohort. *Chinese Medical Journal*, **2021**, 134, 619-621	2.9	3
250	Assisted reproductive technology and birth defects in a Chinese birth cohort study. *The Lancet Regional Health - Western Pacific*, **2021**, 7, 100090	5	5
249	Differences of blood cells, lymphocyte subsets and cytokines in COVID-19 patients with different clinical stages: a network meta-analysis. *BMC Infectious Diseases*, **2021**, 21, 156	4	11
248	Metagenomic Survey Reveals More Diverse and Abundant Antibiotic Resistance Genes in Municipal Wastewater Than Hospital Wastewater. *Frontiers in Microbiology*, **2021**, 12, 712843	5.7	0

247	Insight Into the Potential Value of Gut Microbial Signatures for Prediction of Gestational Anemia. *Frontiers in Cellular and Infection Microbiology*, **2021**, 11, 734561	5.9	1
246	Contribution of trace element exposure to gestational diabetes mellitus through disturbing the gut microbiome. *Environment International*, **2021**, 153, 106520	12.9	8
245	Evaluation of atrazine neurodevelopment toxicity in vitro-application of hESC-based neural differentiation model. *Reproductive Toxicology*, **2021**, 103, 149-158	3.4	1
244	Effects induced by polyethylene microplastics oral exposure on colon mucin release, inflammation, gut microflora composition and metabolism in mice. *Ecotoxicology and Environmental Safety*, **2021**, 220, 112340	7	10
243	Gestational blood levels of toxic metal and essential element mixtures and associations with global DNA methylation in pregnant women and their infants. *Science of the Total Environment*, **2021**, 787, 147621	10.2	3
242	Effects of 2,2P,4,4Ptetrabromodiphenyl ether on the development of mouse embryonic stem cells. *Reproductive Toxicology*, **2021**, 106, 18-24	3.4	
241	Environmental exposure during pregnancy and the risk of childhood allergic diseases. *World Journal of Pediatrics*, **2021**, 17, 467-475	4.6	1
240	Exposure and perception of PM pollution on the mental stress of pregnant women. *Environment International*, **2021**, 156, 106686	12.9	2
239	Gene variations in autism spectrum disorder are associated with alteration of gut microbiota, metabolites and cytokines. *Gut Microbes*, **2021**, 13, 1-16	8.8	10
238	Host genetics and gut microbiota cooperatively contribute to azoxymethane-induced acute toxicity in Collaborative Cross mice. *Archives of Toxicology*, **2021**, 95, 949-958	5.8	1
237	The impact of prenatal exposure to PM on childhood asthma and wheezing: a meta-analysis of observational studies. *Environmental Science and Pollution Research*, **2020**, 27, 29280-29290	5.1	12
236	Increased risk of gestational diabetes mellitus in women with higher prepregnancy ambient PM exposure. *Science of the Total Environment*, **2020**, 730, 138982	10.2	9
235	Linking key intervention timings to rapid declining effective reproduction number to quantify lessons against COVID-19. *Frontiers of Medicine*, **2020**, 14, 623-629	12	11
234	Alteration in gut microbiota is associated with dysregulation of cytokines and glucocorticoid therapy in systemic lupus erythematosus. *Gut Microbes*, **2020**, 11, 1758-1773	8.8	24
233	Effects of particulate matter exposure on semen quality: A retrospective cohort study. *Ecotoxicology and Environmental Safety*, **2020**, 193, 110319	7	15
232	Prospective study reveals a microbiome signature that predicts the occurrence of post-operative enterocolitis in Hirschsprung disease (HSCR) patients. *Gut Microbes*, **2020**, 11, 842-854	8.8	13
231	Prenatal exposure to glufosinate ammonium disturbs gut microbiome and induces behavioral abnormalities in mice. *Journal of Hazardous Materials*, **2020**, 389, 122152	12.8	11
230	Hypomethylation of PRDM1 is associated with recurrent pregnancy loss. *Journal of Cellular and Molecular Medicine*, **2020**, 24, 7072-7077	5.6	5

229	Identifying a critical window of maternal metal exposure for maternal and neonatal thyroid function in China: A cohort study. *Environment International*, **2020**, 139, 105696	12.9	13
228	Altered gut microbial profile is associated with abnormal metabolism activity of Autism Spectrum Disorder. *Gut Microbes*, **2020**, 11, 1246-1267	8.8	53
227	Effects of Microbiota on the Treatment of Obesity with the Natural Product Celastrol in Rats. *Diabetes and Metabolism Journal*, **2020**, 44, 747-763	5	8
226	Identification of crucial aberrantly methylated and differentially expressed genes related to cervical cancer using an integrated bioinformatics analysis. *Bioscience Reports*, **2020**, 40,	4.1	6
225	Prenatal low-dose DEHP exposure induces metabolic adaptation and obesity: Role of hepatic thiamine metabolism. *Journal of Hazardous Materials*, **2020**, 385, 121534	12.8	21
224	Systematic Analysis of Impact of Sampling Regions and Storage Methods on Fecal Gut Microbiome and Metabolome Profiles. *MSphere*, **2020**, 5,	5	21
223	The correlation between PM exposure and hypertensive disorders in pregnancy: A Meta-analysis. *Science of the Total Environment*, **2020**, 703, 134985	10.2	16
222	Developmental toxicity of disinfection by-product monohaloacetamides in embryo-larval stage of zebrafish. *Ecotoxicology and Environmental Safety*, **2020**, 189, 110037	7	18
221	Physical activity and blood pressure during pregnancy: Mediation by anxiety symptoms. *Journal of Affective Disorders*, **2020**, 264, 376-382	6.6	6
220	Metabolomics study and meta-analysis on the association between maternal pesticide exposome and birth outcomes. *Environmental Research*, **2020**, 182, 109087	7.9	14
219	Clinically applicable 53-Gene prognostic assay predicts chemotherapy benefit in gastric cancer: A multicenter study. *EBioMedicine*, **2020**, 61, 103023	8.8	6
218	Association between phenols exposure and earlier puberty in children: A systematic review and meta-analysis. *Environmental Research*, **2020**, 190, 110056	7.9	0
217	Prenatal exposure to fine particles, premature rupture of membranes and gestational age: A prospective cohort study. *Environment International*, **2020**, 145, 106146	12.9	2
216	Prognostic value of an autophagy-related gene expression signature for endometrial cancer patients. *Cancer Cell International*, **2020**, 20, 306	6.4	8
215	Serum albumin mediates the effect of multiple per- and polyfluoroalkyl substances on serum lipid levels. *Environmental Pollution*, **2020**, 266, 115138	9.3	12
214	Alternations of gut microbiota composition in neonates conceived by assisted reproductive technology and its relation to infant growth. *Gut Microbes*, **2020**, 12, 1794466	8.8	1
213	Effect of endometrial thickness and embryo quality on live-birth rate of fresh IVF/ICSI cycles: a retrospective cohort study. *Reproductive Biology and Endocrinology*, **2020**, 18, 89	5	7
212	Associations of Prenatal Exposure to Triclosan and Maternal Thyroid Hormone Levels: A Systematic Review and Meta-Analysis. *Frontiers in Endocrinology*, **2020**, 11, 607055	5.7	2

211	Glycylglycine plays critical roles in the proliferation of spermatogonial stem cells. *Molecular Medicine Reports*, **2019**, 20, 3802-3810	2.9	1
210	Association of semenogelin (SEMG) gene variants in idiopathic male infertility in Chinese-Han population. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2019**, 82, 928-934	3.2	6
209	Metabolomics reveals the role of acetyl-l-carnitine metabolism in FeO NP-induced embryonic development toxicity via mitochondria damage. *Nanotoxicology*, **2019**, 13, 204-220	5.3	12
208	Exposure to Titanium Dioxide Nanoparticles During Pregnancy Changed Maternal Gut Microbiota and Increased Blood Glucose of Rat. *Nanoscale Research Letters*, **2019**, 14, 26	5	30
207	Prenatal exposure to the herbicide 2,4-D is associated with deficits in auditory processing during infancy. *Environmental Research*, **2019**, 172, 486-494	7.9	10
206	Different cytotoxicity of disinfection by-product haloacetamides on two exposure pathway-related cell lines: Human gastric epithelial cell line GES-1 and immortalized human keratinocyte cell line HaCaT. *Science of the Total Environment*, **2019**, 692, 1267-1275	10.2	4
205	Evaluation of Maternal Exposure to PM and Its Components on Maternal and Neonatal Thyroid Function and Birth Weight: A Cohort Study. *Thyroid*, **2019**, 29, 1147-1157	6.2	22
204	Correction: Circular RNA ZNF609 functions as a competitive endogenous RNA to regulate AKT3 expression by sponging miR-150-5p in Hirschsprung's disease. *Oncotarget*, **2019**, 10, 3313-3314	3.3	5
203	Semen quality and cigarette smoking in a cohort of healthy fertile men. *Environmental Epidemiology* , **2019**, 3, e055	0.2	9
202	Association between exposure to a mixture of phenols, pesticides, and phthalates and obesity: Comparison of three statistical models. *Environment International*, **2019**, 123, 325-336	12.9	110
201	A cancer-testis non-coding RNA LIN28B-AS1 activates driver gene LIN28B by interacting with IGF2BP1 in lung adenocarcinoma. *Oncogene*, **2019**, 38, 1611-1624	9.2	45
200	Maternal pentachlorophenol exposure induces developmental toxicity mediated by autophagy on pregnancy mice. *Ecotoxicology and Environmental Safety*, **2019**, 169, 829-836	7	14
199	Identification of two novel PCDHA9 mutations associated with Hirschsprung's disease. *Gene*, **2018**, 658, 96-104	3.8	1
198	Maternal air pollution exposure and preterm birth in Wuxi, China: Effect modification by maternal age. *Ecotoxicology and Environmental Safety*, **2018**, 157, 457-462	7	29
197	Prenatal organophosphate insecticide exposure and infant sensory function. *International Journal of Hygiene and Environmental Health*, **2018**, 221, 469-478	6.9	12
196	Aberrant expression of LncRNA-MIR31HG regulates cell migration and proliferation by affecting miR-31 and miR-31* in Hirschsprung's disease. *Journal of Cellular Biochemistry*, **2018**, 119, 8195-8203	4.7	16
195	Down-regulated let-7b-5p represses glycolysis metabolism by targeting AURKB in asthenozoospermia. *Gene*, **2018**, 663, 83-87	3.8	21
194	Long non-coding RNA LOC100507600 functions as a competitive endogenous RNA to regulate BMI1 expression by sponging miR128-1-3p in Hirschsprung's disease. *Cell Cycle*, **2018**, 17, 459-467	4.7	13

193	Short-term early exposure to thirdhand cigarette smoke increases lung cancer incidence in mice. *Clinical Science*, **2018**, 132, 475-488	6.5	25
192	Prenatal exposure to maternal smoking during pregnancy and attention-deficit/hyperactivity disorder in offspring: A meta-analysis. *Reproductive Toxicology*, **2018**, 76, 63-70	3.4	38
191	Identification of candidate genes for necrotizing enterocolitis based on microarray data. *Gene*, **2018**, 661, 152-159	3.8	6
190	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	10.2	8
189	Change in circulating microRNA profile of obese children indicates future risk of adult diabetes. *Metabolism: Clinical and Experimental*, **2018**, 78, 95-105	12.7	74
188	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	10.2	23
187	Lipopolysaccharide enhances ADAR2 which drives Hirschsprung? disease by impairing miR-142-3p biogenesis. *Journal of Cellular and Molecular Medicine*, **2018**, 22, 4045-4055	5.6	4
186	Long non-coding RNA FAL1 functions as a ceRNA to antagonize the effect of miR-637 on the down-regulation of AKT1 in Hirschsprung? disease. *Cell Proliferation*, **2018**, 51, e12489	7.9	37
185	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. *International Journal of Environmental Research and Public Health*, **2018**, 15,	4.6	9
184	Carbon black suppresses the osteogenesis of mesenchymal stem cells: the role of mitochondria. *Particle and Fibre Toxicology*, **2018**, 15, 16	8.4	32
183	Meta-analysis on the effectiveness of team-based learning on medical education in China. *BMC Medical Education*, **2018**, 18, 77	3.3	35
182	Distribution and predictors of 20 toxic and essential metals in the umbilical cord blood of Chinese newborns. *Chemosphere*, **2018**, 210, 1167-1175	8.4	17
181	Integrated analysis of DNA methylome and transcriptome identified CREB5 as a novel risk gene contributing to recurrent pregnancy loss. *EBioMedicine*, **2018**, 35, 334-344	8.8	21
180	LncRNAs KB-1836B5, LINC00566 and FAM27L are associated with the survival time of patients with ovarian cancer. *Oncology Letters*, **2018**, 16, 3735-3745	2.6	4
179	Cortisol, cortisone, and 4-methoxyphenylacetic acid as potential plasma biomarkers for early detection of non-small cell lung cancer. *International Journal of Biological Markers*, **2018**, 33, 314-320	2.8	8
178	A multi-method evaluation of the effects of Inflammatory cytokines (IL-1?IFN-?TNF-?on pancreatic ?cells. *Journal of Cellular Physiology*, **2018**, 233, 9375-9382	7	6
177	Metabolic changes associated with papillary thyroid carcinoma: A nuclear magnetic resonance-based metabolomics study. *International Journal of Molecular Medicine*, **2018**, 41, 3006-3014	4.4	17
176	miR-96-5p and miR-101-3p as potential intervention targets to rescue TiO NP-induced autophagy and migration impairment of human trophoblastic cells. *Biomaterials Science*, **2018**, 6, 3273-3283	7.4	17

175	Growth patterns from birth to 24 months in Chinese children: a birth cohorts study across China. *BMC Pediatrics*, **2018**, 18, 344	2.6	5
174	The enhancer RNA lnc-SLC4A1-1 epigenetically regulates unexplained recurrent pregnancy loss (URPL) by activating CXCL8 and NF-kB pathway. *EBioMedicine*, **2018**, 38, 162-170	8.8	52
173	Elevated microRNA-141-3p in placenta of non-diabetic macrosomia regulate trophoblast proliferation. *EBioMedicine*, **2018**, 38, 154-161	8.8	6
172	Endoplasmic reticulum stress mediates inflammatory response triggered by ultra-small superparamagnetic iron oxide nanoparticles in hepatocytes. *Nanotoxicology*, **2018**, 12, 1198-1214	5.3	22
171	Metabolomics Reveals Metabolic Changes Caused by Low-Dose 4-Tert-Octylphenol in Mice Liver. *International Journal of Environmental Research and Public Health*, **2018**, 15,	4.6	10
170	Human mitochondrial DNA haplogroup M8a influences the penetrance of m.8684C>T in Han Chinese men with non-obstructive azoospermia. *Reproductive BioMedicine Online*, **2018**, 37, 480-488	4	1
169	Meconium microbiome associates with the development of neonatal jaundice. *Clinical and Translational Gastroenterology*, **2018**, 9, 182	4.2	11
168	Titanium dioxide nanoparticles induce proteostasis disruption and autophagy in human trophoblast cells. *Chemico-Biological Interactions*, **2018**, 296, 124-133	5	18
167	Idiopathic male infertility is strongly associated with aberrant DNA methylation of imprinted loci in sperm: a case-control study. *Clinical Epigenetics*, **2018**, 10, 134	7.7	31
166	Associations between maternal exposure to air pollution and birth outcomes: a retrospective cohort study in Taizhou, China. *Environmental Science and Pollution Research*, **2018**, 25, 21927-21936	5.1	17
165	IGF2-derived miR-483-3p contributes to macrosomia through regulating trophoblast proliferation by targeting RB1CC1. *Molecular Human Reproduction*, **2018**, 24, 444-452	4.4	9
164	Exome-Wide Association Study Identified New Risk Loci for Hirschsprung's Disease. *Molecular Neurobiology*, **2017**, 54, 1777-1785	6.2	7
163	Associations between urinary polycyclic aromatic hydrocarbon metabolites and serum testosterone in U.S. adult males: National Health and nutrition examination survey 2011-2012. *Environmental Science and Pollution Research*, **2017**, 24, 7607-7616	5.1	8
162	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	12.9	25
161	Early exposure to thirdhand cigarette smoke affects body mass and the development of immunity in mice. *Scientific Reports*, **2017**, 7, 41915	4.9	23
160	Mutations of MYH14 are associated to anorectal malformations with recto-perineal fistulas in a small subset of Chinese population. *Clinical Genetics*, **2017**, 92, 503-509	4	9
159	Obesity aggravates toxic effect of BPA on spermatogenesis. *Environment International*, **2017**, 105, 56-65	12.9	24
158	Prenatal naled and chlorpyrifos exposure is associated with deficits in infant motor function in a cohort of Chinese infants. *Environment International*, **2017**, 106, 248-256	12.9	50

157	Neuronal ERK signaling in response to graphene oxide in nematode Caenorhabditis elegans. *Nanotoxicology*, **2017**, 11, 520-533	5.3	51
156	Phthalate metabolites related to infertile biomarkers and infertility in Chinese men. *Environmental Pollution*, **2017**, 231, 291-300	9.3	23
155	Seminal plasma metabolomics approach for the diagnosis of unexplained male infertility. *PLoS ONE* , **2017**, 12, e0181115	3.7	36
154	Circular RNA ZNF609 functions as a competitive endogenous RNA to regulate AKT3 expression by sponging miR-150-5p in Hirschsprung disease. *Oncotarget*, **2017**, 8, 808-818	3.3	128
153	Association between exposure to particulate matter during pregnancy and birthweight: a systematic review and a meta-analysis of birth cohort studies. *Journal of Biomedical Research*, **2017**,	1.5	3
152	Metabolome-wide association study identified the association between a circulating polyunsaturated fatty acids variant rs174548 and lung cancer. *Carcinogenesis*, **2017**, 38, 1147-1154	4.6	14
151	Idiopathic male infertility and polymorphisms in the DNA methyltransferase genes involved in epigenetic marking. *Scientific Reports*, **2017**, 7, 11219	4.9	11
150	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	4.4	28
149	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	7	2
148	Cytoskeletons of Two Reproductive Germ Cell Lines Response Differently to Titanium Dioxide Nanoparticles Mediating Vary Reproductive Toxicity. *Journal of Biomedical Nanotechnology*, **2017**, 13, 409-16	4	11
147	LncRNA AFAP1-AS Functions as a Competing Endogenous RNA to Regulate RAP1B Expression by sponging miR-181a in the HSCR. *International Journal of Medical Sciences*, **2017**, 14, 1022-1030	3.7	18
146	Adverse Health Effects of Thirdhand Smoke: From Cell to Animal Models. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	17
145	MicroRNA-939 inhibits cell proliferation via targeting LRSAM1 in Hirschsprung disease. *Aging*, **2017**, 9, 2471-2479	5.6	14
144	The impact of BMI on sperm parameters and the metabolite changes of seminal plasma concomitantly. *Oncotarget*, **2017**, 8, 48619-48634	3.3	37
143	Genistein up-regulates miR-20a to disrupt spermatogenesis via targeting Limk1. *Oncotarget*, **2017**, 8, 58728-58737	3.3	5
142	Mitochondrial DNA sequencing and large-scale genotyping identifies gene mutation m.11696G>A associated with idiopathic oligoasthenospermia. *Oncotarget*, **2017**, 8, 52975-52982	3.3	7
141	Downregulation of lncRNA MEG3 and miR-770-5p inhibit cell migration and proliferation in Hirschsprung disease. *Oncotarget*, **2017**, 8, 69722-69730	3.3	12
140	Profiles of metabolic gene expression in the white adipose tissue, liver and hypothalamus in leptin knockout (Lep) rats. *Journal of Biomedical Research*, **2017**,	1.5	3

139	Negative feedback circuitry between MIR143HG and RBM24 in Hirschsprung disease. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2016**, 1862, 2127-2136	6.9	15
138	Graphene oxide quantum dots disrupt autophagic flux by inhibiting lysosome activity in GC-2 and TM4 cell lines. *Toxicology*, **2016**, 374, 10-17	4.4	42
137	Y chromosome haplogroups based genome-wide association study pinpoints revelation for interactions on non-obstructive azoospermia. *Scientific Reports*, **2016**, 6, 33363	4.9	6
136	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	4.9	9
135	Determination of twenty organophosphorus pesticides in blood serum by gas chromatography-tandem mass spectrometry. *Analytical Methods*, **2016**, 8, 4487-4496	3.2	16
134	Systematic identification of genes with a cancer-testis expression pattern in 19 cancer types. *Nature Communications*, **2016**, 7, 10499	17.4	80
133	Integrative functional transcriptomic analyses implicate specific molecular pathways in pulmonary toxicity from exposure to aluminum oxide nanoparticles. *Nanotoxicology*, **2016**, 10, 957-69	5.3	18
132	Gene-gene and gene-environment interactions on risk of male infertility: Focus on the metabolites. *Environment International*, **2016**, 91, 188-95	12.9	15
131	The relationship between prenatal exposure to BP-3 and Hirschsprung's disease. *Chemosphere*, **2016**, 144, 1091-7	8.4	33
130	Developmental Neurotoxicity of Methamidophos in the Embryo-Larval Stages of Zebrafish. *International Journal of Environmental Research and Public Health*, **2016**, 14,	4.6	15
129	An acetyl-L-carnitine switch on mitochondrial dysfunction and rescue in the metabolomics study on aluminum oxide nanoparticles. *Particle and Fibre Toxicology*, **2016**, 13, 4	8.4	35
128	Copy number gain of VCX, X-linked multi-copy gene, leads to cell proliferation and apoptosis during spermatogenesis. *Oncotarget*, **2016**, 7, 78532-78540	3.3	8
127	Genetic variants in PTPRD and risk of gestational diabetes mellitus. *Oncotarget*, **2016**, 7, 76101-76107	3.3	9
126	X chromosome-wide identification of SNVs in microRNA genes and non-obstructive azoospermia risk in Han Chinese population. *Oncotarget*, **2016**, 7, 49122-49129	3.3	6
125	microRNA-802/Rnd3 pathway imposes on carcinogenesis and metastasis of fine particulate matter exposure. *Oncotarget*, **2016**, 7, 35026-43	3.3	24
124	Apoptotic neuron-secreted HN12 inhibits cell apoptosis in Hirschsprung's disease. *International Journal of Nanomedicine*, **2016**, 11, 5871-5881	7.3	12
123	Metabolomics profiles delineate uridine deficiency contributes to mitochondria-mediated apoptosis induced by celastrol in human acute promyelocytic leukemia cells. *Oncotarget*, **2016**, 7, 46557-46572	3.3	22
122	Effects of Gold Nanorods on Imprinted Genes Expression in TM-4 Sertoli Cells. *International Journal of Environmental Research and Public Health*, **2016**, 13,	4.6	2

121	Downregulated Expression of Long Non-Coding RNA LOC101926975 Impairs both Cell Proliferation and Cell Cycle and Its Clinical Implication in Hirschsprung Disease Patients. *International Journal of Medical Sciences*, **2016**, 13, 292-7	3.7	7
120	The Long Non-Coding RNA ENST00000537266 and ENST00000426615 Influence Papillary Thyroid Cancer Cell Proliferation and Motility. *Cellular Physiology and Biochemistry*, **2016**, 38, 368-78	3.9	39
119	Role of MiR-215 in Hirschsprung's Disease Pathogenesis by Targeting SIGLEC-8. *Cellular Physiology and Biochemistry*, **2016**, 40, 1646-1655	3.9	9
118	Prenatal exposure to multiple pesticides is associated with auditory brainstem response at 9months in a cohort study of Chinese infants. *Environment International*, **2016**, 92-93, 478-85	12.9	20
117	Low-level environmental arsenic exposure correlates with unexplained male infertility risk. *Science of the Total Environment*, **2016**, 571, 307-13	10.2	34
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