

# Hui Wang

## List of Publications by Year in Descending Order

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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.

131  
papers

1,839  
citations

24  
h-index

35  
g-index

139  
ext. papers

2,295  
ext. citations

4.9  
avg, IF

4.8  
L-index

| #   | Paper   | IF   | Citations |
|-----|---|------|-----------|
| 131 | Inducible factors and interaction of pulmonary fibrosis induced by prenatal dexamethasone exposure in offspring rats.. <i>Toxicology Letters</i> , <b>2022</b> , 359, 65-72   | 4.4  | 0         |
| 130 | Low H3K27 acetylation of SF1 in PBMC: a biomarker for prenatal dexamethasone exposure-caused adrenal insufficiency of steroid synthesis in male offspring.. <i>Cell Biology and Toxicology</i> , <b>2022</b> , 1  | 7.4  | 1         |
| 129 | MiR-466b-3p/HDAC7 mediates transgenerational inheritance of testicular testosterone synthesis inhibition induced by prenatal dexamethasone exposure.. <i>Biochemical Pharmacology</i> , <b>2022</b> , 199, 115018 <sup>6</sup>                            |      | 0         |
| 128 | Prenatal dexamethasone exposure induced pancreatic $\beta$ cell dysfunction and glucose intolerance of male offspring rats: Role of the epigenetic repression of ACE2.. <i>Science of the Total Environment</i> , <b>2022</b> , 826, 154095               | 10.2 | 1         |
| 127 | Differential expression of placental 11 $\beta$ HSD2 induced by high maternal glucocorticoid exposure mediates sex differences in placental and fetal development.. <i>Science of the Total Environment</i> , <b>2022</b> , 827, 154396                   | 10.2 | 1         |
| 126 | Sex differences and heritability of adrenal steroidogenesis in offspring rats induced by prenatal nicotine exposure.. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2022</b> , 106102   | 5.1  | 1         |
| 125 | Prenatal caffeine exposure induced renal developmental toxicity and transgenerational effect in rat offspring.. <i>Food and Chemical Toxicology</i> , <b>2022</b> , 113082  | 4.7  |           |
| 124 | Intrauterine programming of cartilaginous 11 $\beta$ HSD2 induced by corticosterone and caffeine mediated susceptibility to adult osteoarthritis.. <i>Ecotoxicology and Environmental Safety</i> , <b>2022</b> , 239, 113624 <sup>7</sup>                 |      | 1         |
| 123 | 11 $\beta$ Hydroxysteroid dehydrogenase 2: A key mediator of high susceptibility to osteoporosis in offspring after prenatal dexamethasone exposure. <i>Pharmacological Research</i> , <b>2021</b> , 175, 105990  | 10.2 | 1         |
| 122 | Sexual dimorphism in placental development and its contribution to health and diseases. <i>Critical Reviews in Toxicology</i> , <b>2021</b> , 51, 555-570   | 5.7  | 3         |
| 121 | Sex difference in adrenal developmental toxicity induced by dexamethasone and its intrauterine programming mechanism. <i>Pharmacological Research</i> , <b>2021</b> , 174, 105942   | 10.2 | 3         |
| 120 | miRNA320a-3p/RUNX2 signal programming mediates the transgenerational inheritance of inhibited ovarian estrogen synthesis in female offspring rats induced by prenatal dexamethasone exposure. <i>Pharmacological Research</i> , <b>2021</b> , 165, 105435 | 10.2 | 1         |
| 119 | Panel of suitable reference genes and its gender differences of fetal rat liver under physiological conditions and exposure to dexamethasone during pregnancy. <i>Reproductive Toxicology</i> , <b>2021</b> , 100, 74-82 <sup>3,4</sup>                   |      | 1         |
| 118 | H3K9ac of TGFBI in human umbilical cord: a potential biomarker for evaluating cartilage differentiation and susceptibility to osteoarthritis via a two-step strategy. <i>Stem Cell Research and Therapy</i> , <b>2021</b> , 12, 163                       | 8.3  | 1         |
| 117 | Selection and verification of the combination of reference genes for RT-qPCR analysis in rat adrenal gland development. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2021</b> , 208, 105821  | 5.1  | 4         |
| 116 | Dexamethasone induces an imbalanced fetal-placental-maternal bile acid circulation: involvement of placental transporters. <i>BMC Medicine</i> , <b>2021</b> , 19, 87   | 11.4 | 2         |
| 115 | Prenatal ethanol exposure increases maternal bile acids through placental transport pathway. <i>Toxicology</i> , <b>2021</b> , 458, 152848  | 4.4  | 1         |

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|-----|--|------|----|
| 114 | Prenatal caffeine exposure caused H-type blood vessel-related long bone dysplasia via miR375/CTGF signaling. <i>FASEB Journal</i> , <b>2021</b> , 35, e21370   | 0.9  | 0  |
| 113 | Prenatal dexamethasone exposure caused fetal rats liver dysplasia by inhibiting autophagy-mediated cell proliferation. <i>Toxicology</i> , <b>2021</b> , 449, 152664   | 4.4  | 5  |
| 112 | Prenatal Exposure to Retrorsine Induces Developmental Toxicity and Hepatotoxicity of Fetal Rats in a Sex-Dependent Manner: The Role of Pregnane X Receptor Activation. <i>Journal of Agricultural and Food Chemistry</i> , <b>2021</b> , 69, 3219-3231 | 5.7  | 1  |
| 111 | Determination of the panel of reference genes for quantitative real-time PCR in fetal and adult rat intestines. <i>Reproductive Toxicology</i> , <b>2021</b> , 104, 68-75  | 3.4  | 2  |
| 110 | Intrauterine endogenous high glucocorticoids program ovarian dysfunction in female offspring secondary to prenatal caffeine exposure. <i>Science of the Total Environment</i> , <b>2021</b> , 789, 147691  | 10.2 | 3  |
| 109 | Intergenerational genetic programming mechanism and sex differences of the adrenal corticosterone synthesis dysfunction in offspring induced by prenatal ethanol exposure. <i>Toxicology Letters</i> , <b>2021</b> , 351, 78-88                        | 4.4  | 0  |
| 108 | Identification and validation of reference genes for RT-qPCR analysis in fetal rat pancreas. <i>Reproductive Toxicology</i> , <b>2021</b> , 105, 211-220   | 3.4  | 0  |
| 107 | P-gp expression inhibition mediates placental glucocorticoid barrier opening and fetal weight loss. <i>BMC Medicine</i> , <b>2021</b> , 19, 311  | 11.4 | 2  |
| 106 | Glucocorticoid-insulin-like growth factor 1 (GC-IGF1) axis programming mediated hepatic lipid-metabolic in offspring caused by prenatal ethanol exposure. <i>Toxicology Letters</i> , <b>2020</b> , 331, 167-177                                       | 4.4  | 4  |
| 105 | Intrauterine RAS programming alteration-mediated susceptibility and heritability of temporal lobe epilepsy in male offspring rats induced by prenatal dexamethasone exposure. <i>Archives of Toxicology</i> , <b>2020</b> , 94, 3201-3215              | 5.8  | 4  |
| 104 | GR-C/EBPβ/IGF1 axis mediated azithromycin-induced liver developmental toxicity in fetal mice. <i>Biochemical Pharmacology</i> , <b>2020</b> , 180, 114130  | 6    | 1  |
| 103 | The effects, underlying mechanism and interactions of dexamethasone exposure during pregnancy on maternal bile acid metabolism. <i>Toxicology Letters</i> , <b>2020</b> , 332, 97-106  | 4.4  | 2  |
| 102 | Ryanodine receptor 1 mediated dexamethasone-induced chondrodysplasia in fetal rats. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2020</b> , 1867, 118791  | 4.9  | 3  |
| 101 | Subchondral bone dysplasia partly participates in prenatal dexamethasone induced-osteoarthritis susceptibility in female offspring rats. <i>Bone</i> , <b>2020</b> , 133, 115245   | 4.7  | 5  |
| 100 | Effects of prenatal nicotine exposure on hepatic glucose and lipid metabolism in offspring rats and its heritability. <i>Toxicology</i> , <b>2020</b> , 432, 152378  | 4.4  | 5  |
| 99  | Prenatal dexamethasone exposure exerts sex-specific effect on placental oxygen and nutrient transport ascribed to the differential expression of IGF2. <i>Annals of Translational Medicine</i> , <b>2020</b> , 8, 233                                  | 3.2  | 11 |
| 98  | miR-148a/LDLR mediates hypercholesterolemia induced by prenatal dexamethasone exposure in male offspring rats. <i>Toxicology and Applied Pharmacology</i> , <b>2020</b> , 395, 114979  | 4.6  | 10 |
| 97  | Selection and Validation of the Optimal Panel of Reference Genes for RT-qPCR Analysis in the Developing Rat Cartilage. <i>Frontiers in Genetics</i> , <b>2020</b> , 11, 590124   | 4.5  | 1  |

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|----|---|-----|----|
| 96 | Selection and identification of the panel of reference genes for quantitative real-time PCR normalization in rat testis at different development periods. <i>Toxicology and Applied Pharmacology</i> , <b>2020</b> , 406, 115243  | 4.6 | 4  |
| 95 | Programming of a developmental imbalance in hypothalamic glutamatergic/GABAergic afferents mediates low basal activity of the hypothalamic-pituitary-adrenal axis induced by prenatal dexamethasone exposure in male offspring rats. <i>Toxicology Letters</i> , <b>2020</b> , 331, 33-41 | 4.4 | 3  |
| 94 | Subchondral bone dysplasia mediates susceptibility to osteoarthritis in female adult offspring rats induced by prenatal caffeine exposure. <i>Toxicology Letters</i> , <b>2020</b> , 321, 122-130   | 4.4 | 2  |
| 93 | Egr1/p300/ACE signal mediates postnatal osteopenia in female rat offspring induced by prenatal ethanol exposure. <i>Food and Chemical Toxicology</i> , <b>2020</b> , 136, 111083  | 4.7 | 6  |
| 92 | Reduced testicular steroidogenesis in rat offspring by prenatal nicotine exposure: Epigenetic programming and heritability via nAChR/HDAC4. <i>Food and Chemical Toxicology</i> , <b>2020</b> , 135, 111057   | 4.7 | 9  |
| 91 | Prenatal ethanol exposure increased the susceptibility of adult offspring rats to glomerulosclerosis. <i>Toxicology Letters</i> , <b>2020</b> , 321, 44-53  | 4.4 | 3  |
| 90 | The optimal compound reference genes for qRT-PCR analysis in the developing rat long bones under physiological conditions and prenatal dexamethasone exposure model. <i>Reproductive Toxicology</i> , <b>2020</b> , 98, 242-251   | 3.4 | 4  |
| 89 | Epigenetic repression of AT2 receptor is involved in cell dysfunction and glucose intolerance of adult female offspring rats exposed to dexamethasone prenatally. <i>Toxicology and Applied Pharmacology</i> , <b>2020</b> , 404, 115187  | 4.6 | 4  |
| 88 | Articular damages in multi-generational female offspring due to prenatal caffeine exposure correlates with H3K9 deacetylation of TGF $\beta$ signaling pathway. <i>Toxicology</i> , <b>2020</b> , 442, 152533   | 4.4 | 0  |
| 87 | GR/HDAC2/TGFR1 pathway contributes to prenatal caffeine induced-osteoarthritis susceptibility in male adult offspring rats. <i>Food and Chemical Toxicology</i> , <b>2020</b> , 140, 111279   | 4.7 | 6  |
| 86 | Lentivirus-delivered ACE siRNA rescues the impaired peak bone mass accumulation caused by prenatal dexamethasone exposure in male offspring rats. <i>Bone</i> , <b>2020</b> , 141, 115578   | 4.7 |    |
| 85 | The low-expression programming of 11 $\beta$ HSD2 mediates osteoporosis susceptibility induced by prenatal caffeine exposure in male offspring rats. <i>British Journal of Pharmacology</i> , <b>2020</b> , 177, 4683-4700  | 8.6 | 7  |
| 84 | The combination of hprt and gapdh is the best compound reference genes in the fetal rat hippocampus. <i>Developmental Neurobiology</i> , <b>2020</b> , 80, 229-238  | 3.2 | 2  |
| 83 | Nicotine exposure during pregnancy programs osteopenia in male offspring rats via nAChR-p300-ACE pathway. <i>FASEB Journal</i> , <b>2019</b> , 33, 12972-12982  | 0.9 | 6  |
| 82 | Decreased H3K9 acetylation level of LXR-mediated dexamethasone-induced placental cholesterol transport dysfunction. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2019</b> , 1864, 158524  | 5   | 9  |
| 81 | Prenatal Dexamethasone Exposure Induced Alterations in Neurobehavior and Hippocampal Glutamatergic System Balance in Female Rat Offspring. <i>Toxicological Sciences</i> , <b>2019</b> ,  | 4.4 | 9  |
| 80 | Prenatal dexamethasone exposure-induced a gender-difference and sustainable multi-organ damage in offspring rats via serum metabolic profile analysis. <i>Toxicology Letters</i> , <b>2019</b> , 316, 136-146   | 4.4 | 12 |
| 79 | Prenatal ethanol exposure-induced a low level of foetal blood cholesterol and its mechanism of IGF1-related placental cholesterol transport dysfunction. <i>Toxicology</i> , <b>2019</b> , 424, 152237  | 4.4 | 3  |

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| 78 | Glucocorticoid programming mechanism for hypercholesterolemia in prenatal ethanol-exposed adult offspring rats. <i>Toxicology and Applied Pharmacology</i> , <b>2019</b> , 375, 46-56  | 4.6 | 6  |
| 77 | Intrauterine programming of the glucocorticoid-insulin-like growth factor 1 (GC-IGF1) axis mediates glomerulosclerosis in female adult offspring rats induced by prenatal ethanol exposure. <i>Toxicology Letters</i> , <b>2019</b> , 311, 17-26   | 4.4 | 10 |
| 76 | Caffeine programs hepatic SIRT1-related cholesterol synthesis and hypercholesterolemia via A2AR/cAMP/PKA pathway in adult male offspring rats. <i>Toxicology</i> , <b>2019</b> , 418, 11-21  | 4.4 | 12 |
| 75 | Sex difference in monocrotaline-induced developmental toxicity and fetal hepatotoxicity in rats. <i>Toxicology</i> , <b>2019</b> , 418, 32-40  | 4.4 | 6  |
| 74 | Decreased levels of H3K9ac and H3K27ac in the promotor region of ovarian P450 aromatase mediated low estradiol synthesis in female offspring rats induced by prenatal nicotine exposure as well as in human granulosa cells after nicotine treatment. <i>Food and Chemical Toxicology</i> , <b>2019</b> , 128, 256-266 | 4.7 | 9  |
| 73 | Prenatal exposure to pyrrolizidine alkaloids induced hepatotoxicity and pulmonary injury in fetal rats. <i>Reproductive Toxicology</i> , <b>2019</b> , 85, 34-41   | 3.4 | 6  |
| 72 | Prenatal caffeine exposure increases the susceptibility to non-alcoholic fatty liver disease in female offspring rats via activation of GR-C/EBPβ/SIRT1 pathway. <i>Toxicology</i> , <b>2019</b> , 417, 23-34  | 4.4 | 15 |
| 71 | Decreased H3K9ac level of KLF4 mediates podocyte developmental toxicity induced by prenatal caffeine exposure in male offspring rats. <i>Toxicology Letters</i> , <b>2019</b> , 314, 63-74   | 4.4 | 5  |
| 70 | Prenatal glucocorticoids exposure and fetal adrenal developmental programming. <i>Toxicology</i> , <b>2019</b> , 428, 152308   | 4.4 | 9  |
| 69 | Serum metabolic profile characteristics of offspring rats before and after birth caused by prenatal caffeine exposure. <i>Toxicology</i> , <b>2019</b> , 427, 152302   | 4.4 | 3  |
| 68 | The GC-IGF1 axis-mediated testicular dysplasia caused by prenatal caffeine exposure. <i>Journal of Endocrinology</i> , <b>2019</b> , 242, M17-M32  | 4.7 | 7  |
| 67 | Age-Characteristic Changes of Glucose Metabolism, Pancreatic Morphology and Function in Male Offspring Rats Induced by Prenatal Ethanol Exposure. <i>Frontiers in Endocrinology</i> , <b>2019</b> , 10, 34   | 5.7 | 3  |
| 66 | Glucocorticoid-activation system mediated glucocorticoid-insulin-like growth factor 1 (GC-IGF1) axis programming alteration of adrenal dysfunction induced by prenatal caffeine exposure. <i>Toxicology Letters</i> , <b>2019</b> , 302, 7-17  | 4.4 | 12 |
| 65 | Activation of local bone RAS by maternal excessive glucocorticoid participated in the fetal programming of adult osteopenia induced by prenatal caffeine exposure. <i>Toxicology and Applied Pharmacology</i> , <b>2019</b> , 363, 1-10  | 4.6 | 6  |
| 64 | Decreased H3K9ac level of AT2R mediates the developmental origin of glomerulosclerosis induced by prenatal dexamethasone exposure in male offspring rats. <i>Toxicology</i> , <b>2019</b> , 411, 32-42   | 4.4 | 13 |
| 63 | Excitotoxicity and compensatory upregulation of GAD67 in fetal rat hippocampus caused by prenatal nicotine exposure are associated with inhibition of the BDNF pathway. <i>Food and Chemical Toxicology</i> , <b>2019</b> , 123, 314-325   | 4.7 | 12 |
| 62 | Prenatal Dexamethasone Exposure Induced Ovarian Developmental Toxicity and Transgenerational Effect in Rat Offspring. <i>Endocrinology</i> , <b>2018</b> , 159, 1401-1415  | 4.8 | 30 |
| 61 | Maternal-Fetal Disposition and Metabolism of Retrorsine in Pregnant Rats. <i>Drug Metabolism and Disposition</i> , <b>2018</b> , 46, 422-428   | 4   | 3  |

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| 60 | Prenatal nicotine exposure intergenerationally programs imperfect articular cartilage via histone deacetylation through maternal lineage. <i>Toxicology and Applied Pharmacology</i> , <b>2018</b> , 352, 107-118   | 4.6 | 13 |
| 59 | Course-, dose-, and stage-dependent toxic effects of prenatal dexamethasone exposure on fetal articular cartilage development. <i>Toxicology Letters</i> , <b>2018</b> , 286, 1-9   | 4.4 | 13 |
| 58 | The expressional disorder of the renal RAS mediates nephrotic syndrome of male rat offspring induced by prenatal ethanol exposure. <i>Toxicology</i> , <b>2018</b> , 400-401, 9-19  | 4.4 | 16 |
| 57 | nAChRs-ERK1/2-Egr-1 signaling participates in the developmental toxicity of nicotine by epigenetically down-regulating placental 11βHSD2. <i>Toxicology and Applied Pharmacology</i> , <b>2018</b> , 344, 1-12  | 4.6 | 15 |
| 56 | Autophagy as a compensation mechanism participates in ethanol-induced fetal adrenal dysfunction in female rats. <i>Toxicology and Applied Pharmacology</i> , <b>2018</b> , 345, 36-47   | 4.6 | 5  |
| 55 | Intrauterine programming mechanism for hypercholesterolemia in prenatal caffeine-exposed female adult rat offspring. <i>FASEB Journal</i> , <b>2018</b> , 32, 5563-5576   | 0.9 | 15 |
| 54 | Placental mechanism of prenatal nicotine exposure-reduced blood cholesterol levels in female fetal rats. <i>Toxicology Letters</i> , <b>2018</b> , 296, 31-38   | 4.4 | 9  |
| 53 | Low-expressional IGF1 mediated methimazole-induced liver developmental toxicity in fetal mice. <i>Toxicology</i> , <b>2018</b> , 408, 70-79   | 4.4 | 2  |
| 52 | Prenatal nicotine exposure retards osteoclastogenesis and endochondral ossification in fetal long bones in rats. <i>Toxicology Letters</i> , <b>2018</b> , 295, 249-255   | 4.4 | 8  |
| 51 | Course-, dose-, and stage-dependent toxic effects of prenatal dexamethasone exposure on long bone development in fetal mice. <i>Toxicology and Applied Pharmacology</i> , <b>2018</b> , 351, 12-20  | 4.6 | 19 |
| 50 | Decreased H3K9ac level of StAR mediated testicular dysplasia induced by prenatal dexamethasone exposure in male offspring rats. <i>Toxicology</i> , <b>2018</b> , 408, 1-10   | 4.4 | 29 |
| 49 | Low-functional programming of the CREB/BDNF/TrkB pathway mediates cognitive impairment in male offspring after prenatal dexamethasone exposure. <i>Toxicology Letters</i> , <b>2018</b> , 283, 1-12   | 4.4 | 18 |
| 48 | Regulation of brain drug metabolizing enzymes and transporters by nuclear receptors. <i>Drug Metabolism Reviews</i> , <b>2018</b> , 50, 407-414   | 7   | 10 |
| 47 | Intrauterine Programming of Glucocorticoid-Insulin-Like Growth Factor-1 Axis-Mediated Developmental Origin of Osteoporosis Susceptibility in Female Offspring Rats with Prenatal Caffeine Exposure. <i>American Journal of Pathology</i> , <b>2018</b> , 188, 2863-2876 | 5.8 | 14 |
| 46 | cAMP/PKA/EGR1 signaling mediates the molecular mechanism of ethanol-induced inhibition of placental 11βHSD2 expression. <i>Toxicology and Applied Pharmacology</i> , <b>2018</b> , 352, 77-86   | 4.6 | 18 |
| 45 | Increased H3K27ac level of ACE mediates the intergenerational effect of low peak bone mass induced by prenatal dexamethasone exposure in male offspring rats. <i>Cell Death and Disease</i> , <b>2018</b> , 9, 638  | 9.8 | 26 |
| 44 | Prenatal caffeine exposure increases adult female offspring rat's susceptibility to osteoarthritis via low-functional programming of cartilage IGF-1 with histone acetylation. <i>Toxicology Letters</i> , <b>2018</b> , 295, 229-236                                   | 4.4 | 13 |
| 43 | Prenatal caffeine exposure induced high susceptibility to metabolic syndrome in adult female offspring rats and its underlying mechanisms. <i>Reproductive Toxicology</i> , <b>2017</b> , 71, 150-158   | 3.4 | 7  |

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| 42 | Prenatal nicotine exposure induces HPA axis-hypersensitivity in offspring rats via the intrauterine programming of up-regulation of hippocampal GAD67. <i>Archives of Toxicology</i> , <b>2017</b> , 91, 3927-3943   | 5.8 | 27 |
| 41 | Deregulation of RUNX2 by miR-320a deficiency impairs steroidogenesis in cumulus granulosa cells from polycystic ovary syndrome (PCOS) patients. <i>Biochemical and Biophysical Research Communications</i> , <b>2017</b> , 482, 1469-1476                          | 3.4 | 43 |
| 40 | Effects of prenatal caffeine exposure on glucose homeostasis of adult offspring rats. <i>Die Naturwissenschaften</i> , <b>2017</b> , 104, 89   | 2   | 6  |
| 39 | An intergenerational effect of neuroendocrine metabolic programming alteration induced by prenatal ethanol exposure in rats. <i>Reproductive Toxicology</i> , <b>2017</b> , 74, 85-93  | 3.4 | 3  |
| 38 | High-fat diet and chronic stress aggravate adrenal function abnormality induced by prenatal caffeine exposure in male offspring rats. <i>Scientific Reports</i> , <b>2017</b> , 7, 14825   | 4.9 | 17 |
| 37 | Glucocorticoid mediates prenatal caffeine exposure-induced endochondral ossification retardation and its molecular mechanism in female fetal rats. <i>Cell Death and Disease</i> , <b>2017</b> , 8, e3157  | 9.8 | 12 |
| 36 | Mitogen-inducible gene-6 partly mediates the inhibitory effects of prenatal dexamethasone exposure on endochondral ossification in long bones of fetal rats. <i>British Journal of Pharmacology</i> , <b>2016</b> , 173, 2250-62                                   | 8.6 | 25 |
| 35 | Suppressed osteoclast differentiation at the chondro-osseous junction mediates endochondral ossification retardation in long bones of Wistar fetal rats with prenatal ethanol exposure. <i>Toxicology and Applied Pharmacology</i> , <b>2016</b> , 305, 234-241    | 4.6 | 10 |
| 34 | Prenatal caffeine exposure-induced adrenal developmental abnormality in male offspring rats and its possible intrauterine programming mechanisms. <i>Toxicology Research</i> , <b>2016</b> , 5, 388-398  | 2.6 | 22 |
| 33 | Prenatal nicotine exposure induces poor articular cartilage quality in female adult offspring fed a high-fat diet and the intrauterine programming mechanisms. <i>Reproductive Toxicology</i> , <b>2016</b> , 60, 11-20  | 3.4 | 13 |
| 32 | Intrauterine low-functional programming of IGF1 by prenatal nicotine exposure mediates the susceptibility to osteoarthritis in female adult rat offspring. <i>FASEB Journal</i> , <b>2016</b> , 30, 785-97   | 0.9 | 26 |
| 31 | Prenatal ethanol exposure induces the osteoarthritis-like phenotype in female adult offspring rats with a post-weaning high-fat diet and its intrauterine programming mechanisms of cholesterol metabolism. <i>Toxicology Letters</i> , <b>2015</b> , 238, 117-25  | 4.4 | 16 |
| 30 | Prenatal nicotine exposure-induced intrauterine programming alteration increases the susceptibility of high-fat diet-induced non-alcoholic simple fatty liver in female adult offspring rats. <i>Toxicology Research</i> , <b>2015</b> , 4, 112-120                | 2.6 | 7  |
| 29 | Increased DNA methylation of scavenger receptor class B type I contributes to inhibitory effects of prenatal caffeine ingestion on cholesterol uptake and steroidogenesis in fetal adrenals. <i>Toxicology and Applied Pharmacology</i> , <b>2015</b> , 285, 89-97 | 4.6 | 15 |
| 28 | Gender-specific increase in susceptibility to metabolic syndrome of offspring rats after prenatal caffeine exposure with post-weaning high-fat diet. <i>Toxicology and Applied Pharmacology</i> , <b>2015</b> , 284, 345-53  | 4.6 | 22 |
| 27 | Low functional programming of renal AT2R mediates the developmental origin of glomerulosclerosis in adult offspring induced by prenatal caffeine exposure. <i>Toxicology and Applied Pharmacology</i> , <b>2015</b> , 287, 128-138                                 | 4.6 | 30 |
| 26 | Prenatal caffeine exposure induced a lower level of fetal blood leptin mainly via placental mechanism. <i>Toxicology and Applied Pharmacology</i> , <b>2015</b> , 289, 109-16  | 4.6 | 29 |
| 25 | Prenatal ethanol exposure-induced adrenal developmental abnormality of male offspring rats and its possible intrauterine programming mechanisms. <i>Toxicology and Applied Pharmacology</i> , <b>2015</b> , 288, 84-94   | 4.6 | 32 |

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| 24 | Prenatal ethanol exposure increases osteoarthritis susceptibility in female rat offspring by programming a low-functioning IGF-1 signaling pathway. <i>Scientific Reports</i> , <b>2015</b> , 5, 14711  | 4.9 | 22 |
| 23 | Prenatal nicotine exposure induced GDNF/c-Ret pathway repression-related fetal renal dysplasia and adult glomerulosclerosis in male offspring. <i>Toxicology Research</i> , <b>2015</b> , 4, 1045-1058  | 2.6 | 3  |
| 22 | Prenatal caffeine exposure induces a poor quality of articular cartilage in male adult offspring rats via cholesterol accumulation in cartilage. <i>Scientific Reports</i> , <b>2015</b> , 5, 17746   | 4.9 | 24 |
| 21 | Maternal and fetal metabonomic alterations in prenatal nicotine exposure-induced rat intrauterine growth retardation. <i>Molecular and Cellular Endocrinology</i> , <b>2014</b> , 394, 59-69  | 4.4 | 23 |
| 20 | Intrauterine metabolic programming alteration increased susceptibility to non-alcoholic adult fatty liver disease in prenatal caffeine-exposed rat offspring. <i>Toxicology Letters</i> , <b>2014</b> , 224, 311-8  | 4.4 | 50 |
| 19 | Prenatal caffeine ingestion induces transgenerational neuroendocrine metabolic programming alteration in second generation rats. <i>Toxicology and Applied Pharmacology</i> , <b>2014</b> , 274, 383-92   | 4.6 | 25 |
| 18 | Maternal glucocorticoid elevation and associated blood metabonome changes might be involved in metabolic programming of intrauterine growth retardation in rats exposed to caffeine prenatally. <i>Toxicology and Applied Pharmacology</i> , <b>2014</b> , 275, 79-87 | 4.6 | 21 |
| 17 | Prenatal caffeine ingestion induces aberrant DNA methylation and histone acetylation of steroidogenic factor 1 and inhibits fetal adrenal steroidogenesis. <i>Toxicology</i> , <b>2014</b> , 321, 53-61   | 4.4 | 45 |
| 16 | Angelica Sinensis polysaccharides stimulated UDP-sugar synthase genes through promoting gene expression of IGF-1 and IGF1R in chondrocytes: promoting anti-osteoarthritic activity. <i>PLoS ONE</i> , <b>2014</b> , 9, e107024  | 3.7 | 19 |
| 15 | Prenatal xenobiotic exposure and intrauterine hypothalamus-pituitary-adrenal axis programming alteration. <i>Toxicology</i> , <b>2014</b> , 325, 74-84  | 4.4 | 39 |
| 14 | Prenatal ethanol exposure programs an increased susceptibility of non-alcoholic fatty liver disease in female adult offspring rats. <i>Toxicology and Applied Pharmacology</i> , <b>2014</b> , 274, 263-73  | 4.6 | 72 |
| 13 | Prenatal food restriction induces a hypothalamic-pituitary-adrenocortical axis-associated neuroendocrine metabolic programmed alteration in adult offspring rats. <i>Archives of Medical Research</i> , <b>2013</b> , 44, 335-45                                      | 6.6 | 34 |
| 12 | Synergistic effects of pyrrolizidine alkaloids and lipopolysaccharide on preterm delivery and intrauterine fetal death in mice. <i>Toxicology Letters</i> , <b>2013</b> , 221, 212-8  | 4.4 | 15 |
| 11 | Prenatal nicotine exposure enhances the susceptibility to metabolic syndrome in adult offspring rats fed high-fat diet via alteration of HPA axis-associated neuroendocrine metabolic programming. <i>Acta Pharmacologica Sinica</i> , <b>2013</b> , 34, 1526-34      | 8   | 28 |
| 10 | Fetal rat metabonome alteration by prenatal caffeine ingestion probably due to the increased circulatory glucocorticoid level and altered peripheral glucose and lipid metabolic pathways. <i>Toxicology and Applied Pharmacology</i> , <b>2012</b> , 262, 205-16     | 4.6 | 53 |
| 9  | Role of p53-dependent placental apoptosis in the reproductive and developmental toxicities of caffeine in rodents. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2012</b> , 39, 357-63  | 3   | 44 |
| 8  | The effects of levofloxacin on rabbit fibroblast-like synoviocytes in vitro. <i>Toxicology and Applied Pharmacology</i> , <b>2012</b> , 265, 175-80   | 4.6 | 18 |
| 7  | Caffeine-induced fetal rat over-exposure to maternal glucocorticoid and histone methylation of liver IGF-1 might cause skeletal growth retardation. <i>Toxicology Letters</i> , <b>2012</b> , 214, 279-87   | 4.4 | 86 |



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| 6 | Effect of nicotine on chondrogenic differentiation of rat bone marrow mesenchymal stem cells in alginate bead culture. <i>Bio-Medical Materials and Engineering</i> , <b>2012</b> , 22, 81-7  | 1   | 15 |
| 5 | Caffeine-induced activated glucocorticoid metabolism in the hippocampus causes hypothalamic-pituitary-adrenal axis inhibition in fetal rats. <i>PLoS ONE</i> , <b>2012</b> , 7, e44497  | 3-7 | 81 |
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| 2 | Ethanol-induced inhibition of fetal hypothalamic-pituitary-adrenal axis due to prenatal overexposure to maternal glucocorticoid in mice. <i>Experimental and Toxicologic Pathology</i> , <b>2011</b> , 63, 607-11   |     | 63 |
| 1 | Nicotine-induced prenatal overexposure to maternal glucocorticoid and intrauterine growth retardation in rat. <i>Experimental and Toxicologic Pathology</i> , <b>2007</b> , 59, 245-51  |     | 60 |