

H Wang

List of Publications by Year in Descending Order

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Version: 2024-04-23

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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.

107
papers

1,695
citations

25
h-index

36
g-index

116
ext. papers

2,097
ext. citations

5.1
avg, IF

4.63
L-index

#	Paper	IF	Citations
107	Evaluation of the Efficacy of Vancomycin-Soaked Autograft to Eliminate Contamination After Anterior Cruciate Ligament Reconstruction: Based on an Infected Rat Model.. <i>American Journal of Sports Medicine</i> , 2022 , 3635465211068114	6.8	1
106	Inducible factors and interaction of pulmonary fibrosis induced by prenatal dexamethasone exposure in offspring rats.. <i>Toxicology Letters</i> , 2022 , 359, 65-72	4.4	0
105	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> , 2022 , 1	7.4	1
104	MiR-466b-3p/HDAC7 mediates transgenerational inheritance of testicular testosterone synthesis inhibition induced by prenatal dexamethasone exposure.. <i>Biochemical Pharmacology</i> , 2022 , 199, 115018	6	0
103	Prenatal dexamethasone exposure induced pancreatic β cell dysfunction and glucose intolerance of male offspring rats: Role of the epigenetic repression of ACE2.. <i>Science of the Total Environment</i> , 2022 , 826, 154095	10.2	1
102	Sex differences and heritability of adrenal steroidogenesis in offspring rats induced by prenatal nicotine exposure.. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2022 , 106102	5.1	1
101	Evaluation of Experimental and Clinical Efficacy on Surgical Debridement and Systemic Antibiotics Treatment for Early Knee Infection after Anterior Cruciate Ligament Reconstruction.. <i>Antimicrobial Agents and Chemotherapy</i> , 2022 , e0011222	5.9	
100	Intrauterine programming of cartilaginous 11 β HSD2 induced by corticosterone and caffeine mediated susceptibility to adult osteoarthritis.. <i>Ecotoxicology and Environmental Safety</i> , 2022 , 239, 113624	7	
99	11 β Hydroxysteroid dehydrogenase 2: A key mediator of high susceptibility to osteoporosis in offspring after prenatal dexamethasone exposure. <i>Pharmacological Research</i> , 2021 , 175, 105990	10.2	1
98	Hyperglycemia-induced accumulation of advanced glycosylation end products in fibroblast-like synoviocytes promotes knee osteoarthritis. <i>Experimental and Molecular Medicine</i> , 2021 , 53, 1735-1747	12.8	2
97	Intra-articular vancomycin for the prophylaxis of periprosthetic joint infection caused by methicillin-resistant after total knee arthroplasty in a rat model: the dosage, efficacy, and safety. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , AAC0164121	5.9	2
96	Sex difference in adrenal developmental toxicity induced by dexamethasone and its intrauterine programming mechanism. <i>Pharmacological Research</i> , 2021 , 174, 105942	10.2	3
95	Low-activity programming of the PDGFR β /FAK pathway mediates H-type vessel dysplasia and high susceptibility to osteoporosis in female offspring rats after prenatal dexamethasone exposure. <i>Biochemical Pharmacology</i> , 2021 , 185, 114414	6	2
94	Zoledronic Acid Enhanced the Antitumor Effect of Cisplatin on Orthotopic Osteosarcoma by ROS-PI3K/AKT Signaling and Attenuated Osteolysis. <i>Oxidative Medicine and Cellular Longevity</i> , 2021 , 2021, 6661534	6.7	5
93	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> , 2021 , 165, 105435	10.2	1
92	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> , 2021 , 100, 74-82	3.4	1
91	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> , 2021 , 12, 163	8.3	1

90	Dexamethasone induces an imbalanced fetal-placental-maternal bile acid circulation: involvement of placental transporters. <i>BMC Medicine</i> , 2021 , 19, 87	11.4	2
89	Prenatal ethanol exposure increases maternal bile acids through placental transport pathway. <i>Toxicology</i> , 2021 , 458, 152848	4.4	1
88	Prenatal dexamethasone exposure caused fetal rats liver dysplasia by inhibiting autophagy-mediated cell proliferation. <i>Toxicology</i> , 2021 , 449, 152664	4.4	5
87	Local Application of Vancomycin in One-Stage Revision of Prosthetic Joint Infection Caused by Methicillin-Resistant Staphylococcus aureus. <i>Antimicrobial Agents and Chemotherapy</i> , 2021 , 65, e0030321	5.9	6
86	Determination of the panel of reference genes for quantitative real-time PCR in fetal and adult rat intestines. <i>Reproductive Toxicology</i> , 2021 , 104, 68-75	3.4	2
85	Intrauterine endogenous high glucocorticoids program ovarian dysfunction in female offspring secondary to prenatal caffeine exposure. <i>Science of the Total Environment</i> , 2021 , 789, 147691	10.2	3
84	Intergenerational genetic programming mechanism and sex differences of the adrenal corticosterone synthesis dysfunction in offspring induced by prenatal ethanol exposure. <i>Toxicology Letters</i> , 2021 , 351, 78-88	4.4	0
83	Identification and validation of reference genes for RT-qPCR analysis in fetal rat pancreas. <i>Reproductive Toxicology</i> , 2021 , 105, 211-220	3.4	0
82	HEMGN and SLC2A1 might be potential diagnostic biomarkers of steroid-induced osteonecrosis of femoral head: study based on WGCNA and DEGs screening. <i>BMC Musculoskeletal Disorders</i> , 2021 , 22, 85	2.8	4
81	Age-related histological changes in rat tibia. <i>Folia Morphologica</i> , 2021 , 80, 1005-1019	0.9	
80	Intra-wound vancomycin powder for the eradication of periprosthetic joint infection after debridement and implant exchange: experimental study in a rat model. <i>BMC Microbiology</i> , 2021 , 21, 3334	5	0
79	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> , 2020 , 331, 167-177	4.4	4
78	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> , 2020 , 94, 3201-3215	5.8	4
77	Ryanodine receptor 1 mediated dexamethasone-induced chondrodysplasia in fetal rats. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2020 , 1867, 118791	4.9	3
76	Subchondral bone dysplasia partly participates in prenatal dexamethasone induced-osteoarthritis susceptibility in female offspring rats. <i>Bone</i> , 2020 , 133, 115245	4.7	5
75	Effects of prenatal nicotine exposure on hepatic glucose and lipid metabolism in offspring rats and its heritability. <i>Toxicology</i> , 2020 , 432, 152378	4.4	5
74	miR-148a/LDLR mediates hypercholesterolemia induced by prenatal dexamethasone exposure in male offspring rats. <i>Toxicology and Applied Pharmacology</i> , 2020 , 395, 114979	4.6	10
73	Selection and Validation of the Optimal Panel of Reference Genes for RT-qPCR Analysis in the Developing Rat Cartilage. <i>Frontiers in Genetics</i> , 2020 , 11, 590124	4.5	1

72	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> , 2020 , 406, 115243	4.6	4
71	Subchondral bone dysplasia mediates susceptibility to osteoarthritis in female adult offspring rats induced by prenatal caffeine exposure. <i>Toxicology Letters</i> , 2020 , 321, 122-130	4.4	2
70	Reduced testicular steroidogenesis in rat offspring by prenatal nicotine exposure: Epigenetic programming and heritability via nAChR/HDAC4. <i>Food and Chemical Toxicology</i> , 2020 , 135, 111057	4.7	9
69	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> , 2020 , 404, 115187	4.6	4
68	Articular damages in multi-generational female offspring due to prenatal caffeine exposure correlates with H3K9 deacetylation of TGFβ signaling pathway. <i>Toxicology</i> , 2020 , 442, 152533	4.4	0
67	GR/HDAC2/TGFR1 pathway contributes to prenatal caffeine induced-osteoarthritis susceptibility in male adult offspring rats. <i>Food and Chemical Toxicology</i> , 2020 , 140, 111279	4.7	6
66	The low-expression programming of 11βHSD2 mediates osteoporosis susceptibility induced by prenatal caffeine exposure in male offspring rats. <i>British Journal of Pharmacology</i> , 2020 , 177, 4683-4700	8.6	7
65	Nicotine exposure during pregnancy programs osteopenia in male offspring rats via nAChR-p300-ACE pathway. <i>FASEB Journal</i> , 2019 , 33, 12972-12982	0.9	6
64	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> , 2019 , 1864, 158524	5	9
63	Prenatal Dexamethasone Exposure Induced Alterations in Neurobehavior and Hippocampal Glutamatergic System Balance in Female Rat Offspring. <i>Toxicological Sciences</i> , 2019 ,	4.4	9
62	Prenatal dexamethasone exposure-induced a gender-difference and sustainable multi-organ damage in offspring rats via serum metabolic profile analysis. <i>Toxicology Letters</i> , 2019 , 316, 136-146	4.4	12
61	Glucocorticoid programming mechanism for hypercholesterolemia in prenatal ethanol-exposed adult offspring rats. <i>Toxicology and Applied Pharmacology</i> , 2019 , 375, 46-56	4.6	6
60	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> , 2019 , 311, 17-26	4.4	10
59	Caffeine programs hepatic SIRT1-related cholesterol synthesis and hypercholesterolemia via A2AR/cAMP/PKA pathway in adult male offspring rats. <i>Toxicology</i> , 2019 , 418, 11-21	4.4	12
58	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> , 2019 , 128, 256-266	4.7	9
57	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> , 2019 , 417, 23-34	4.4	15
56	Decreased H3K9ac level of KLF4 mediates podocyte developmental toxicity induced by prenatal caffeine exposure in male offspring rats. <i>Toxicology Letters</i> , 2019 , 314, 63-74	4.4	5
55	Prenatal glucocorticoids exposure and fetal adrenal developmental programming. <i>Toxicology</i> , 2019 , 428, 152308	4.4	9

54	Age-Characteristic Changes of Glucose Metabolism, Pancreatic Morphology and Function in Male Offspring Rats Induced by Prenatal Ethanol Exposure. <i>Frontiers in Endocrinology</i> , 2019 , 10, 34	5.7	3
53	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> , 2019 , 363, 1-10	4.6	6
52	Decreased H3K9ac level of AT2R mediates the developmental origin of glomerulosclerosis induced by prenatal dexamethasone exposure in male offspring rats. <i>Toxicology</i> , 2019 , 411, 32-42	4.4	13
51	Prenatal Dexamethasone Exposure Induced Ovarian Developmental Toxicity and Transgenerational Effect in Rat Offspring. <i>Endocrinology</i> , 2018 , 159, 1401-1415	4.8	30
50	Prenatal nicotine exposure intergenerationally programs imperfect articular cartilage via histone deacetylation through maternal lineage. <i>Toxicology and Applied Pharmacology</i> , 2018 , 352, 107-118	4.6	13
49	Intrauterine programming mechanism for hypercholesterolemia in prenatal caffeine-exposed female adult rat offspring. <i>FASEB Journal</i> , 2018 , 32, 5563-5576	0.9	15
48	Placental mechanism of prenatal nicotine exposure-reduced blood cholesterol levels in female fetal rats. <i>Toxicology Letters</i> , 2018 , 296, 31-38	4.4	9
47	Course-, dose-, and stage-dependent toxic effects of prenatal dexamethasone exposure on long bone development in fetal mice. <i>Toxicology and Applied Pharmacology</i> , 2018 , 351, 12-20	4.6	19
46	Decreased H3K9ac level of StAR mediated testicular dysplasia induced by prenatal dexamethasone exposure in male offspring rats. <i>Toxicology</i> , 2018 , 408, 1-10	4.4	29
45	Low-functional programming of the CREB/BDNF/TrkB pathway mediates cognitive impairment in male offspring after prenatal dexamethasone exposure. <i>Toxicology Letters</i> , 2018 , 283, 1-12	4.4	18
44	Intravenous morphine titration vs. oral hydrocodone/acetaminophen for adults with lower extremity displaced fracture in an emergency department setting: A randomized controlled trial. <i>Experimental and Therapeutic Medicine</i> , 2018 , 16, 3674-3679	2.1	1
43	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> , 2018 , 188, 2863-2876	5.8	14
42	cAMP/PKA/EGR1 signaling mediates the molecular mechanism of ethanol-induced inhibition of placental 11βHSD2 expression. <i>Toxicology and Applied Pharmacology</i> , 2018 , 352, 77-86	4.6	18
41	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> , 2018 , 9, 638	9.8	26
40	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> , 2018 , 295, 229-236	4.4	13
39	Prenatal caffeine exposure induced high susceptibility to metabolic syndrome in adult female offspring rats and its underlying mechanisms. <i>Reproductive Toxicology</i> , 2017 , 71, 150-158	3.4	7
38	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> , 2017 , 91, 3927-3943	5.8	27
37	Effects of prenatal caffeine exposure on glucose homeostasis of adult offspring rats. <i>Die Naturwissenschaften</i> , 2017 , 104, 89	2	6

36	An intergenerational effect of neuroendocrine metabolic programming alteration induced by prenatal ethanol exposure in rats. <i>Reproductive Toxicology</i> , 2017 , 74, 85-93	3.4	3
35	High-fat diet and chronic stress aggravate adrenal function abnormality induced by prenatal caffeine exposure in male offspring rats. <i>Scientific Reports</i> , 2017 , 7, 14825	4.9	17
34	Glucocorticoid mediates prenatal caffeine exposure-induced endochondral ossification retardation and its molecular mechanism in female fetal rats. <i>Cell Death and Disease</i> , 2017 , 8, e3157	9.8	12
33	Intravenous morphine titration as a rapid and efficient analgesia for adult patients with femoral shaft fractures after injury. <i>American Journal of Emergency Medicine</i> , 2016 , 34, 2107-2111	2.9	2
32	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> , 2016 , 173, 2250-62	8.6	25
31	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> , 2016 , 305, 234-241	4.6	10
30	Prenatal caffeine exposure-induced adrenal developmental abnormality in male offspring rats and its possible intrauterine programming mechanisms. <i>Toxicology Research</i> , 2016 , 5, 388-398	2.6	22
29	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> , 2016 , 60, 11-20	3.4	13
28	Intrauterine low-functional programming of IGF1 by prenatal nicotine exposure mediates the susceptibility to osteoarthritis in female adult rat offspring. <i>FASEB Journal</i> , 2016 , 30, 785-97	0.9	26
27	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> , 2015 , 238, 117-25	4.4	16
26	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> , 2015 , 4, 112-120	2.6	7
25	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> , 2015 , 285, 89-97	4.6	15
24	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> , 2015 , 284, 345-53	4.6	22
23	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> , 2015 , 287, 128-138	4.6	30
22	Prenatal caffeine exposure induced a lower level of fetal blood leptin mainly via placental mechanism. <i>Toxicology and Applied Pharmacology</i> , 2015 , 289, 109-16	4.6	29
21	Prenatal ethanol exposure-induced adrenal developmental abnormality of male offspring rats and its possible intrauterine programming mechanisms. <i>Toxicology and Applied Pharmacology</i> , 2015 , 288, 84-94	4.6	32
20	Prenatal ethanol exposure increases osteoarthritis susceptibility in female rat offspring by programming a low-functioning IGF-1 signaling pathway. <i>Scientific Reports</i> , 2015 , 5, 14711	4.9	22
19	Prenatal nicotine exposure induced GDNF/c-Ret pathway repression-related fetal renal dysplasia and adult glomerulosclerosis in male offspring. <i>Toxicology Research</i> , 2015 , 4, 1045-1058	2.6	3

18	Prenatal caffeine exposure induces a poor quality of articular cartilage in male adult offspring rats via cholesterol accumulation in cartilage. <i>Scientific Reports</i> , 2015 , 5, 17746	4.9	24
17	Intrauterine metabolic programming alteration increased susceptibility to non-alcoholic adult fatty liver disease in prenatal caffeine-exposed rat offspring. <i>Toxicology Letters</i> , 2014 , 224, 311-8	4.4	50
16	Prenatal caffeine ingestion induces transgenerational neuroendocrine metabolic programming alteration in second generation rats. <i>Toxicology and Applied Pharmacology</i> , 2014 , 274, 383-92	4.6	25
15	Maternal glucocorticoid elevation and associated blood metabolome changes might be involved in metabolic programming of intrauterine growth retardation in rats exposed to caffeine prenatally. <i>Toxicology and Applied Pharmacology</i> , 2014 , 275, 79-87	4.6	21
14	Prenatal ethanol exposure enhances the susceptibility to metabolic syndrome in offspring rats by HPA axis-associated neuroendocrine metabolic programming. <i>Toxicology Letters</i> , 2014 , 226, 98-105	4.4	48
13	Prenatal caffeine ingestion induces aberrant DNA methylation and histone acetylation of steroidogenic factor 1 and inhibits fetal adrenal steroidogenesis. <i>Toxicology</i> , 2014 , 321, 53-61	4.4	45
12	Prenatal xenobiotic exposure and intrauterine hypothalamus-pituitary-adrenal axis programming alteration. <i>Toxicology</i> , 2014 , 325, 74-84	4.4	39
11	Prenatal ethanol exposure programs an increased susceptibility of non-alcoholic fatty liver disease in female adult offspring rats. <i>Toxicology and Applied Pharmacology</i> , 2014 , 274, 263-73	4.6	72
10	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> , 2013 , 34, 1526-34	8	28
9	Fetal rat metabolome 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> , 2012 , 262, 205-16	4.6	53
8	Role of p53-dependent placental apoptosis in the reproductive and developmental toxicities of caffeine in rodents. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2012 , 39, 357-63	3	44
7	Nicotine-induced over-exposure to maternal glucocorticoid and activated glucocorticoid metabolism causes hypothalamic-pituitary-adrenal axis-associated neuroendocrine metabolic alterations in fetal rats. <i>Toxicology Letters</i> , 2012 , 209, 282-90	4.4	64
6	A hypothalamic-pituitary-adrenal axis-associated neuroendocrine metabolic programmed alteration in offspring rats of IUGR induced by prenatal caffeine ingestion. <i>Toxicology and Applied Pharmacology</i> , 2012 , 264, 395-403	4.6	61
5	Prenatal nicotine exposure induced a hypothalamic-pituitary-adrenal axis-associated neuroendocrine metabolic programmed alteration in intrauterine growth retardation offspring rats. <i>Toxicology Letters</i> , 2012 , 214, 307-13	4.4	45
4	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> , 2012 , 214, 279-87	4.4	86
3	Caffeine-induced activated glucocorticoid metabolism in the hippocampus causes hypothalamic-pituitary-adrenal axis inhibition in fetal rats. <i>PLoS ONE</i> , 2012 , 7, e44497	3.7	81
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> , 2011 , 63, 607-11		63
1	Nicotine-induced prenatal overexposure to maternal glucocorticoid and intrauterine growth retardation in rat. <i>Experimental and Toxicologic Pathology</i> , 2007 , 59, 245-51		60

