

Hua Zhang

List of Publications by Year in Descending Order

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Version: 2024-04-28

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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.

41
papers

939
citations

15
h-index

30
g-index

56
ext. papers

1,270
ext. citations

3.7
avg, IF

4.61
L-index

#	Paper	IF	Citations
41	The effects of gestational diabetes mellitus with maternal age between 35 and 40 years on the metabolite profiles of plasma and urine.. <i>BMC Pregnancy and Childbirth</i> , 2022 , 22, 174	3.2	1
40	An Investigation of the Relationship Between Dietary Patterns in Early Pregnancy and Maternal/Infant Health Outcomes in a Chinese Cohort.. <i>Frontiers in Nutrition</i> , 2022 , 9, 775557	6.2	1
39	Impaired placental mitophagy and oxidative stress are associated with dysregulated BNIP3 in preeclampsia. <i>Scientific Reports</i> , 2021 , 11, 20469	4.9	0
38	Complex patterns of circulating fatty acid levels in gestational diabetes mellitus subclasses across pregnancy. <i>Clinical Nutrition</i> , 2021 , 40, 4140-4148	5.9	2
37	Using the Metabolome to Understand the Mechanisms Linking Chronic Arsenic Exposure to Microglia Activation, and Learning and Memory Impairment. <i>Neurotoxicity Research</i> , 2021 , 39, 720-739	4.3	3
36	Meta-analysis identifying epithelial-derived transcriptomes predicts poor clinical outcome and immune infiltrations in ovarian cancer. <i>Quantitative Finance and Economics</i> , 2021 , 18, 6527-6551	3.7	1
35	Associations of early pregnancy BMI with adverse pregnancy outcomes and infant neurocognitive development. <i>Scientific Reports</i> , 2021 , 11, 3793	4.9	1
34	Supplementation with milk enriched with complex lipids during pregnancy: A double-blind randomized controlled trial. <i>PLoS ONE</i> , 2021 , 16, e0244916	3.7	2
33	Resective epilepsy surgery in tuberous sclerosis complex: a nationwide multicentre retrospective study from China. <i>Brain</i> , 2020 , 143, 570-581	11.2	29
32	Metabolic Changes of Maternal Uterine Fluid, Uterus, and Plasma during the Peri-implantation Period of Early Pregnancy in Mice. <i>Reproductive Sciences</i> , 2020 , 27, 488-502	3	8
31	Five serum fatty acids are associated with subclinical hypothyroidism in a Chinese pregnant population. <i>Scientific Reports</i> , 2020 , 10, 6743	4.9	2
30	microRNA-93, upregulated in serum of nasopharyngeal carcinoma patients, promotes tumor cell proliferation by targeting PDCD4. <i>Experimental and Therapeutic Medicine</i> , 2020 , 19, 2579-2587	2.1	3
29	Endoplasmic reticulum stress may activate NLRP3 inflammasomes via TXNIP in preeclampsia. <i>Cell and Tissue Research</i> , 2020 , 379, 589-599	4.2	14
28	Metabolic analysis of adipose tissues in a rodent model of pre-pregnancy maternal obesity combined with offsprings on high-carbohydrate diet. <i>Experimental Cell Research</i> , 2019 , 381, 29-38	4.2	2
27	Evaluating different extraction solvents for GC-MS based metabolomic analysis of the fecal metabolome of adult and baby giant pandas. <i>Scientific Reports</i> , 2019 , 9, 12017	4.9	7
26	Birth weight charts for a Chinese population: an observational study of routine newborn weight data from Chongqing. <i>BMC Pediatrics</i> , 2019 , 19, 426	2.6	5
25	Analysis of sequential hair segments reflects changes in the metabolome across the trimesters of pregnancy. <i>Scientific Reports</i> , 2018 , 8, 36	4.9	22

24	A mouse model of pre-pregnancy maternal obesity combined with offspring exposure to a high-fat diet resulted in cognitive impairment in male offspring. <i>Experimental Cell Research</i> , 2018 , 368, 159-166	4.2	8
23	Sclectosing pneumocytoma with metastasis to the mediastinal and regional lymph nodes. <i>Indian Journal of Pathology and Microbiology</i> , 2018 , 61, 407-409	0.6	11
22	Metabolomic biomarkers and novel dietary factors associated with gestational diabetes in China. <i>Metabolomics</i> , 2018 , 14, 149	4.7	12
21	Decreased IL-33 Production Contributes to Trophoblast Cell Dysfunction in Pregnancies with Preeclampsia. <i>Mediators of Inflammation</i> , 2018 , 2018, 9787239	4.3	14
20	The pathogenesis and pathophysiology of gestational diabetes mellitus: Deductions from a three-part longitudinal metabolomics study in China. <i>Clinica Chimica Acta</i> , 2017 , 468, 60-70	6.2	46
19	Tryptophan and purine metabolites are consistently upregulated in the urinary metabolome of patients diagnosed with gestational diabetes mellitus throughout pregnancy: A longitudinal metabolomics study of Chinese pregnant women part 2. <i>Clinica Chimica Acta</i> , 2017 , 468, 126-139	6.2	43
18	G-protein-coupled receptor 30 mediates the effects of estrogen on endothelial cell tube formation in vitro. <i>International Journal of Molecular Medicine</i> , 2017 , 39, 1461-1467	4.4	14
17	Unsaturated plasma phospholipids are consistently lower in the patients diagnosed with gestational diabetes mellitus throughout pregnancy: A longitudinal metabolomics study of Chinese pregnant women part 1. <i>Clinica Chimica Acta</i> , 2017 , 465, 53-71	6.2	22
16	Metabolomics in gestational diabetes. <i>Clinica Chimica Acta</i> , 2017 , 475, 116-127	6.2	30
15	Analytical challenges of untargeted GC-MS-based metabolomics and the critical issues in selecting the data processing strategy. <i>F1000Research</i> , 2017 , 6, 967	3.6	15
14	Impaired mitochondrial fusion, autophagy, biogenesis and dysregulated lipid metabolism is associated with preeclampsia. <i>Experimental Cell Research</i> , 2017 , 359, 195-204	4.2	43
13	IL-27 induces a pro-inflammatory response in human fetal membranes mediating preterm birth. <i>International Immunopharmacology</i> , 2017 , 50, 361-369	5.8	8
12	The CLIMB (Complex Lipids In Mothers and Babies) study: protocol for a multicentre, three-group, parallel randomised controlled trial to investigate the effect of supplementation of complex lipids in pregnancy, on maternal ganglioside status and subsequent cognitive outcomes in the offspring. <i>BMJ Open</i> , 2017 , 7, e016637	3	13
11	Inhibition of Wnt Inhibitory Factor 1 Under Hypoxic Condition in Human Umbilical Vein Endothelial Cells Promoted Angiogenesis in Vitro. <i>Reproductive Sciences</i> , 2016 , 23, 1348-58	3	8
10	HPV Infection and Prognostic Factors of Tongue Squamous Cell Carcinoma in Different Ethnic Groups from Geographically Closed Cohort in Xinjiang, China. <i>Biochemistry Research International</i> , 2016 , 2016, 7498706	2.4	4
9	Intravenous Administration of Lycopene, a Tomato Extract, Protects against Myocardial Ischemia-Reperfusion Injury. <i>Nutrients</i> , 2016 , 8, 138	6.7	20
8	Maternal Dietary Patterns and Pregnancy Outcome. <i>Nutrients</i> , 2016 , 8,	6.7	59
7	G protein-coupled receptor 30 regulates trophoblast invasion and its deficiency is associated with preeclampsia. <i>Journal of Hypertension</i> , 2016 , 34, 710-8	1.9	23

6	Imbalance between proliferation and apoptosis-related impaired GPR30 expression is involved in preeclampsia. <i>Cell and Tissue Research</i> , 2016 , 366, 499-508	4.2	17
5	Gestational diabetes mellitus and macrosomia: a literature review. <i>Annals of Nutrition and Metabolism</i> , 2015 , 66 Suppl 2, 14-20	4.5	312
4	Excessive autophagy induces the failure of trophoblast invasion and vasculature: possible relevance to the pathogenesis of preeclampsia. <i>Journal of Hypertension</i> , 2015 , 33, 106-17	1.9	64
3	N-acetylglucosaminyltransferase V inhibits the invasion of trophoblast cells by attenuating MMP2/9 activity in early human pregnancy. <i>Placenta</i> , 2015 , 36, 1291-9	3.4	24
2	Identification and functional analysis of a novel mutation in the SOX10 gene associated with Waardenburg syndrome type IV. <i>Gene</i> , 2014 , 538, 36-41	3.8	16
1	Enriched environment upregulates growth-associated protein 43 expression in the hippocampus and enhances cognitive abilities in prenatally stressed rat offspring. <i>Neural Regeneration Research</i> , 2012 , 7, 1967-73	4.5	4