

# Hua Zhang

## List of Publications by Citations

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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	Gestational diabetes mellitus and macrosomia: a literature review. <i>Annals of Nutrition and Metabolism</i> , <b>2015</b> , 66 Suppl 2, 14-20	4.5	312
40	Excessive autophagy induces the failure of trophoblast invasion and vasculature: possible relevance to the pathogenesis of preeclampsia. <i>Journal of Hypertension</i> , <b>2015</b> , 33, 106-117	1.9	64
39	Maternal Dietary Patterns and Pregnancy Outcome. <i>Nutrients</i> , <b>2016</b> , 8,	6.7	59
38	The pathogenesis and pathophysiology of gestational diabetes mellitus: Deductions from a three-part longitudinal metabolomics study in China. <i>Clinica Chimica Acta</i> , <b>2017</b> , 468, 60-70	6.2	46
37	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> , <b>2017</b> , 468, 126-139	6.2	43
36	Impaired mitochondrial fusion, autophagy, biogenesis and dysregulated lipid metabolism is associated with preeclampsia. <i>Experimental Cell Research</i> , <b>2017</b> , 359, 195-204	4.2	43
35	Metabolomics in gestational diabetes. <i>Clinica Chimica Acta</i> , <b>2017</b> , 475, 116-127	6.2	30
34	Resective epilepsy surgery in tuberous sclerosis complex: a nationwide multicentre retrospective study from China. <i>Brain</i> , <b>2020</b> , 143, 570-581	11.2	29
33	N-acetylglucosaminyltransferase V inhibits the invasion of trophoblast cells by attenuating MMP2/9 activity in early human pregnancy. <i>Placenta</i> , <b>2015</b> , 36, 1291-9	3.4	24
32	G protein-coupled receptor 30 regulates trophoblast invasion and its deficiency is associated with preeclampsia. <i>Journal of Hypertension</i> , <b>2016</b> , 34, 710-8	1.9	23
31	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> , <b>2017</b> , 465, 53-71	6.2	22
30	Analysis of sequential hair segments reflects changes in the metabolome across the trimesters of pregnancy. <i>Scientific Reports</i> , <b>2018</b> , 8, 36	4.9	22
29	Intravenous Administration of Lycopene, a Tomato Extract, Protects against Myocardial Ischemia-Reperfusion Injury. <i>Nutrients</i> , <b>2016</b> , 8, 138	6.7	20
28	Imbalance between proliferation and apoptosis-related impaired GPR30 expression is involved in preeclampsia. <i>Cell and Tissue Research</i> , <b>2016</b> , 366, 499-508	4.2	17
27	Identification and functional analysis of a novel mutation in the SOX10 gene associated with Waardenburg syndrome type IV. <i>Gene</i> , <b>2014</b> , 538, 36-41	3.8	16
26	Analytical challenges of untargeted GC-MS-based metabolomics and the critical issues in selecting the data processing strategy. <i>F1000Research</i> , <b>2017</b> , 6, 967	3.6	15
25	G-protein-coupled receptor 30 mediates the effects of estrogen on endothelial cell tube formation in vitro. <i>International Journal of Molecular Medicine</i> , <b>2017</b> , 39, 1461-1467	4.4	14

24	Endoplasmic reticulum stress may activate NLRP3 inflammasomes via TXNIP in preeclampsia. <i>Cell and Tissue Research</i> , <b>2020</b> , 379, 589-599	4.2	14
23	Decreased IL-33 Production Contributes to Trophoblast Cell Dysfunction in Pregnancies with Preeclampsia. <i>Mediators of Inflammation</i> , <b>2018</b> , 2018, 9787239	4.3	14
22	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> , <b>2017</b> , 7, e016637	3	13
21	Metabolomic biomarkers and novel dietary factors associated with gestational diabetes in China. <i>Metabolomics</i> , <b>2018</b> , 14, 149	4.7	12
20	Sclerosing pneumocytoma with metastasis to the mediastinal and regional lymph nodes. <i>Indian Journal of Pathology and Microbiology</i> , <b>2018</b> , 61, 407-409	0.6	11
19	Metabolic Changes of Maternal Uterine Fluid, Uterus, and Plasma during the Peri-implantation Period of Early Pregnancy in Mice. <i>Reproductive Sciences</i> , <b>2020</b> , 27, 488-502	3	8
18	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> , <b>2018</b> , 368, 159-166	4.2	8
17	Inhibition of Wnt Inhibitory Factor 1 Under Hypoxic Condition in Human Umbilical Vein Endothelial Cells Promoted Angiogenesis in Vitro. <i>Reproductive Sciences</i> , <b>2016</b> , 23, 1348-58	3	8
16	IL-27 induces a pro-inflammatory response in human fetal membranes mediating preterm birth. <i>International Immunopharmacology</i> , <b>2017</b> , 50, 361-369	5.8	8
15	Evaluating different extraction solvents for GC-MS based metabolomic analysis of the fecal metabolome of adult and baby giant pandas. <i>Scientific Reports</i> , <b>2019</b> , 9, 12017	4.9	7
14	Birth weight charts for a Chinese population: an observational study of routine newborn weight data from Chongqing. <i>BMC Pediatrics</i> , <b>2019</b> , 19, 426	2.6	5
13	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> , <b>2012</b> , 7, 1967-73	4.5	4
12	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> , <b>2016</b> , 2016, 7498706	2.4	4
11	microRNA-93, upregulated in serum of nasopharyngeal carcinoma patients, promotes tumor cell proliferation by targeting PDCD4. <i>Experimental and Therapeutic Medicine</i> , <b>2020</b> , 19, 2579-2587	2.1	3
10	Using the Metabolome to Understand the Mechanisms Linking Chronic Arsenic Exposure to Microglia Activation, and Learning and Memory Impairment. <i>Neurotoxicity Research</i> , <b>2021</b> , 39, 720-739	4.3	3
9	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> , <b>2019</b> , 381, 29-38	4.2	2
8	Five serum fatty acids are associated with subclinical hypothyroidism in a Chinese pregnant population. <i>Scientific Reports</i> , <b>2020</b> , 10, 6743	4.9	2
7	Complex patterns of circulating fatty acid levels in gestational diabetes mellitus subclasses across pregnancy. <i>Clinical Nutrition</i> , <b>2021</b> , 40, 4140-4148	5.9	2

6	Supplementation with milk enriched with complex lipids during pregnancy: A double-blind randomized controlled trial. <i>PLoS ONE</i> , <b>2021</b> , 16, e0244916	3.7	2
5	Meta-analysis identifying epithelial-derived transcriptomes predicts poor clinical outcome and immune infiltrations in ovarian cancer. <i>Quantitative Finance and Economics</i> , <b>2021</b> , 18, 6527-6551	3.7	1
4	Associations of early pregnancy BMI with adverse pregnancy outcomes and infant neurocognitive development. <i>Scientific Reports</i> , <b>2021</b> , 11, 3793	4.9	1
3	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> , <b>2022</b> , 22, 174	3.2	1
2	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> , <b>2022</b> , 9, 775557	6.2	1
1	Impaired placental mitophagy and oxidative stress are associated with dysregulated BNIP3 in preeclampsia. <i>Scientific Reports</i> , <b>2021</b> , 11, 20469	4.9	0