

Jian Yan

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.

29
papers

1,149
citations

19
h-index

29
g-index

29
ext. papers

1,344
ext. citations

4.5
avg, IF

3.89
L-index

#	Paper	IF	Citations
29	Trimethylamine-N-oxide (TMAO) response to animal source foods varies among healthy young men and is influenced by their gut microbiota composition: A randomized controlled trial. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1600324	5.9	194
28	Maternal choline intake alters the epigenetic state of fetal cortisol-regulating genes in humans. <i>FASEB Journal</i> , 2012 , 26, 3563-74	0.9	160
27	Maternal choline intake modulates maternal and fetal biomarkers of choline metabolism in humans. <i>American Journal of Clinical Nutrition</i> , 2012 , 95, 1060-71	7	117
26	Pregnancy alters choline dynamics: results of a randomized trial using stable isotope methodology in pregnant and nonpregnant women. <i>American Journal of Clinical Nutrition</i> , 2013 , 98, 1459-67	7	69
25	A higher maternal choline intake among third-trimester pregnant women lowers placental and circulating concentrations of the antiangiogenic factor fms-like tyrosine kinase-1 (sFLT1). <i>FASEB Journal</i> , 2013 , 27, 1245-53	0.9	65
24	MTHFR C677T genotype influences the isotopic enrichment of one-carbon metabolites in folate-compromised men consuming d9-choline. <i>American Journal of Clinical Nutrition</i> , 2011 , 93, 348-55	7	60
23	Folate intake, MTHFR genotype, and sex modulate choline metabolism in mice. <i>Journal of Nutrition</i> , 2011 , 141, 1475-81	4.1	44
22	Choline intakes exceeding recommendations during human lactation improve breast milk choline content by increasing PEMT pathway metabolites. <i>Journal of Nutritional Biochemistry</i> , 2015 , 26, 903-11	6.3	40
21	Folate-status response to a controlled folate intake in nonpregnant, pregnant, and lactating women. <i>American Journal of Clinical Nutrition</i> , 2012 , 96, 789-800	7	36
20	The metabolic fate of isotopically labeled trimethylamine-N-oxide (TMAO) in humans. <i>Journal of Nutritional Biochemistry</i> , 2017 , 45, 77-82	6.3	31
19	Choline intake exceeding current dietary recommendations preserves markers of cellular methylation in a genetic subgroup of folate-compromised men. <i>Journal of Nutrition</i> , 2010 , 140, 975-80	4.1	31
18	Maternal choline supplementation during murine pregnancy modulates placental markers of inflammation, apoptosis and vascularization in a fetal sex-dependent manner. <i>Placenta</i> , 2017 , 53, 57-65	3.4	27
17	Genetic impairments in folate enzymes increase dependence on dietary choline for phosphatidylcholine production at the expense of betaine synthesis. <i>FASEB Journal</i> , 2016 , 30, 3321-3333	0.9	27
16	Choline intake influences phosphatidylcholine DHA enrichment in nonpregnant women but not in pregnant women in the third trimester. <i>American Journal of Clinical Nutrition</i> , 2013 , 97, 718-27	7	27
15	Maternal Choline Supplementation Modulates Placental Nutrient Transport and Metabolism in Late Gestation of Mouse Pregnancy. <i>Journal of Nutrition</i> , 2017 , 147, 2083-2092	4.1	26
14	Vitamin B-12 Status Differs among Pregnant, Lactating, and Control Women with Equivalent Nutrient Intakes. <i>Journal of Nutrition</i> , 2015 , 145, 1507-14	4.1	23
13	Vitamin D Metabolism Varies among Women in Different Reproductive States Consuming the Same Intakes of Vitamin D and Related Nutrients. <i>Journal of Nutrition</i> , 2016 , 146, 1537-45	4.1	22

12	Growth of infants consuming whey-predominant term infant formulas with a protein content of 1.8 g/100 kcal: a multicenter pooled analysis of individual participant data. <i>American Journal of Clinical Nutrition</i> , 2016 , 104, 1083-1092	7	20
11	Pregnancy and lactation alter biomarkers of biotin metabolism in women consuming a controlled diet. <i>Journal of Nutrition</i> , 2014 , 144, 1977-84	4.1	19
10	Maternal obesity disrupts the methionine cycle in baboon pregnancy. <i>Physiological Reports</i> , 2015 , 3, e12564	5.6	18
9	Maternal Choline Supplementation during Normal Murine Pregnancy Alters the Placental Epigenome: Results of an Exploratory Study. <i>Nutrients</i> , 2018 , 10,	6.7	17
8	Maternal Choline Supplementation Alters Fetal Growth Patterns in a Mouse Model of Placental Insufficiency. <i>Nutrients</i> , 2017 , 9,	6.7	16
7	Maternal choline supplementation programs greater activity of the phosphatidylethanolamine N-methyltransferase (PEMT) pathway in adult Ts65Dn trisomic mice. <i>FASEB Journal</i> , 2014 , 28, 4312-23	0.9	14
6	Maternal vitamin D biomarkers are associated with maternal and fetal bone turnover among pregnant women consuming controlled amounts of vitamin D, calcium, and phosphorus. <i>Bone</i> , 2017 , 95, 183-191	4.7	12
5	Choline and one-carbon metabolite response to egg, beef and fish among healthy young men: A short-term randomized clinical study. <i>Clinical Nutrition Experimental</i> , 2016 , 10, 1-11	2	10
4	Growth of Infants Fed Formula with Evolving Nutrition Composition: A Single-Arm Non-Inferiority Study. <i>Nutrients</i> , 2017 , 9,	6.7	9
3	Maternal Choline Supplementation Modulates Placental Markers of Inflammation, Angiogenesis, and Apoptosis in a Mouse Model of Placental Insufficiency. <i>Nutrients</i> , 2019 , 11,	6.7	7
2	Pregnancy induces transcriptional activation of the peripheral innate immune system and increases oxidative DNA damage among healthy third trimester pregnant women. <i>PLoS ONE</i> , 2012 , 7, e46736	3.7	6
1	Maternal choline supplementation alters vitamin B-12 status in human and murine pregnancy. <i>Journal of Nutritional Biochemistry</i> , 2019 , 72, 108210	6.3	2