

Jian Yan

List of Publications by Year in descending order

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29
papers

1,490
citations

304368

22
h-index

476904

29
g-index

29
all docs

29
docs citations

29
times ranked

2065
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.5	272
2	Maternal choline intake alters the epigenetic state of fetal cortisol-regulating genes in humans. <i>FASEB Journal</i> , 2012, 26, 3563-3574.	0.2	185
3	Maternal choline intake modulates maternal and fetal biomarkers of choline metabolism in humans. <i>American Journal of Clinical Nutrition</i> , 2012, 95, 1060-1071.	2.2	140
4	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, 1459-1467.	2.2	85
5	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, 1245-1253.	0.2	77
6	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, 348-355.	2.2	72
7	Folate Intake, Mthfr Genotype, and Sex Modulate Choline Metabolism in Mice. <i>Journal of Nutrition</i> , 2011, 141, 1475-1481.	1.3	54
8	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, 903-911.	1.9	48
9	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.	2.2	45
10	The metabolic fate of isotopically labeled trimethylamine- N -oxide (TMAO) in humans. <i>Journal of Nutritional Biochemistry</i> , 2017, 45, 77-82.	1.9	43
11	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.	0.2	41
12	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, 975-980.	1.3	40
13	Maternal Choline Supplementation Modulates Placental Nutrient Transport and Metabolism in Late Gestation of Mouse Pregnancy. <i>Journal of Nutrition</i> , 2017, 147, 2083-2092.	1.3	37
14	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.	0.7	34
15	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, 718-727.	2.2	32
16	Vitamin B-12 Status Differs among Pregnant, Lactating, and Control Women with Equivalent Nutrient Intakes. <i>Journal of Nutrition</i> , 2015, 145, 1507-1514.	1.3	32
17	Pregnancy and Lactation Alter Biomarkers of Biotin Metabolism in Women Consuming a Controlled Diet. <i>Journal of Nutrition</i> , 2014, 144, 1977-1984.	1.3	29
18	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.	2.2	28

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19	Maternal obesity disrupts the methionine cycle in baboon pregnancy. <i>Physiological Reports</i> , 2015, 3, e12564.	0.7	26
20	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, 1537-1545.	1.3	26
21	Maternal Choline Supplementation during Normal Murine Pregnancy Alters the Placental Epigenome: Results of an Exploratory Study. <i>Nutrients</i> , 2018, 10, 417.	1.7	24
22	Maternal Choline Supplementation Alters Fetal Growth Patterns in a Mouse Model of Placental Insufficiency. <i>Nutrients</i> , 2017, 9, 765.	1.7	22
23	Maternal choline supplementation programs greater activity of the phosphatidylthanolamine N-â€methyltransferase (PEMT) pathway in adult Ts65Dn trisomic mice. <i>FASEB Journal</i> , 2014, 28, 4312-4323.	0.2	21
24	Maternal Choline Supplementation Modulates Placental Markers of Inflammation, Angiogenesis, and Apoptosis in a Mouse Model of Placental Insufficiency. <i>Nutrients</i> , 2019, 11, 374.	1.7	16
25	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.	1.4	14
26	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.	2.0	13
27	Growth of Infants Fed Formula with Evolving Nutrition Composition: A Single-Arm Non-Inferiority Study. <i>Nutrients</i> , 2017, 9, 219.	1.7	13
28	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.	1.1	11
29	Maternal choline supplementation alters vitamin B-12 status in human and murine pregnancy. <i>Journal of Nutritional Biochemistry</i> , 2019, 72, 108210.	1.9	10