

Roger A Dyer

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.

31
papers

1,009
citations

12
h-index

31
g-index

33
ext. papers

1,214
ext. citations

4.7
avg, IF

4.13
L-index

#	Paper	IF	Citations
31	Maternal nutrition at conception modulates DNA methylation of human metastable epialleles. <i>Nature Communications</i> , 2014 , 5, 3746	17.4	362
30	DNA methylation potential: dietary intake and blood concentrations of one-carbon metabolites and cofactors in rural African women. <i>American Journal of Clinical Nutrition</i> , 2013 , 97, 1217-27	7	101
29	Milk Fat Globule Membrane Supplementation in Formula Modulates the Neonatal Gut Microbiome and Normalizes Intestinal Development. <i>Scientific Reports</i> , 2017 , 7, 45274	4.9	88
28	Early second trimester maternal plasma choline and betaine are related to measures of early cognitive development in term infants. <i>PLoS ONE</i> , 2012 , 7, e43448	3.7	84
27	Blood DHA, Choline, and Lutein Concentrations and Their Correlation with Cognitive and Behavioral Outcomes in 18-Month Old Toddlers: Preliminary Findings. <i>Current Developments in Nutrition</i> , 2020 , 4, 1065-1065	0.4	78
26	Brain astrocyte synthesis of docosahexaenoic acid from n-3 fatty acids is limited at the elongation of docosapentaenoic acid. <i>Journal of Lipid Research</i> , 2002 , 43, 1529-36	6.3	69
25	Dietary triacylglycerols with palmitic acid (16:0) in the 2-position increase 16:0 in the 2-position of plasma and chylomicron triacylglycerols, but reduce phospholipid arachidonic and docosahexaenoic acids, and alter cholesteryl ester metabolism in formula-fed piglets. <i>Journal of Nutrition</i> , 1997 , 127, 1311-9	4.1	56
24	Sex Hormone-Binding Globulin Reduction in Metabolic Disorders May Play a Role in NAFLD Development. <i>Endocrinology</i> , 2017 , 158, 545-559	4.8	25
23	Evidence for altered cell membrane lipid composition in postmortem prefrontal white matter in bipolar disorder and schizophrenia. <i>Journal of Psychiatric Research</i> , 2017 , 95, 135-142	5.2	25
22	Milk Fat Globule Membrane Supplementation in Formula-fed Rat Pups Improves Reflex Development and May Alter Brain Lipid Composition. <i>Scientific Reports</i> , 2018 , 8, 15277	4.9	24
21	Human Milk Plasmalogens Are Highly Enriched in Long-Chain PUFAs. <i>Journal of Nutrition</i> , 2016 , 146, 2412-2417	4.6	16
20	Relationships among Different Water-Soluble Choline Compounds Differ between Human Preterm and Donor Milk. <i>Nutrients</i> , 2017 , 9,	6.7	14
19	Developmental Outcomes at 24 Months of Age in Toddlers Supplemented with Arachidonic Acid and Docosahexaenoic Acid: Results of a Double Blind Randomized, Controlled Trial. <i>Nutrients</i> , 2017 , 9,	6.7	12
18	The effect of diet and exercise on tobacco carcinogen-induced lung cancer. <i>Carcinogenesis</i> , 2019 , 40, 448-460	4.6	10
17	Concentrations of Water-Soluble Forms of Choline in Human Milk from Lactating Women in Canada and Cambodia. <i>Nutrients</i> , 2018 , 10,	6.7	10
16	Dextrose gels for neonatal transitional hypoglycemia: What are we giving our babies?. <i>Paediatrics and Child Health</i> , 2019 , 24, 115-118	0.7	8
15	Variability of Water-Soluble Forms of Choline Concentrations in Human Milk during Storage, after Pasteurization, and among Women. <i>Nutrients</i> , 2019 , 11,	6.7	5

14	- α -Tocopherol Is the Predominant Stereoisomer of α -Tocopherol in Human Milk. <i>Current Developments in Nutrition</i> , 2018 , 2, nzy055	0.4	5
13	Glycine, a Dispensable Amino Acid, Is Conditionally Indispensable in Late Stages of Human Pregnancy. <i>Journal of Nutrition</i> , 2021 , 151, 361-369	4.1	4
12	Plasma Betaine Is Positively Associated with Developmental Outcomes in Healthy Toddlers at Age 2 Years Who Are Not Meeting the Recommended Adequate Intake for Dietary Choline. <i>Journal of Nutrition</i> , 2018 , 148, 1309-1314	4.1	3
11	Variations in plasma choline and metabolite concentrations in healthy adults. <i>Clinical Biochemistry</i> , 2018 , 60, 77-83	3.5	3
10	A prospective study to explore the relationship between MTHFR C677T genotype, physiological folate levels, and postpartum psychopathology in at-risk women. <i>PLoS ONE</i> , 2020 , 15, e0243936	3.7	2
9	DNA methylation at a nutritionally sensitive region of the gene is associated with thyroid volume and function in Gambian children. <i>Science Advances</i> , 2021 , 7, eabj1561	14.3	2
8	Variability in Plasma Free Choline and its Relation with Diet and Potential Plasma Biomarkers. <i>FASEB Journal</i> , 2015 , 29, 919.22	0.9	1
7	Investigating oxythiamine levels in children undergoing kidney transplantation and the risk of immediate post-operative metabolic and hemodynamic decompensation. <i>Pediatric Nephrology</i> , 2021 , 36, 987-993	3.2	1
6	Biomarkers of Docosahexaenoic Acid but Not Arachidonic Acid Reflect Dietary Intakes in Toddlers at Ages 1 and 2 Years Who Are Not Meeting Dietary Recommendations. <i>Journal of Nutrition</i> , 2020 , 150, 518-525	4.1	0
5	Human milk plasmalogens: an unrecognized pool of novel lipid enriched in long chain polyunsaturated fatty acids (38:1). <i>FASEB Journal</i> , 2014 , 28, 38.1	0.9	
4	A prospective study to explore the relationship between MTHFR C677T genotype, physiological folate levels, and postpartum psychopathology in at-risk women 2020 , 15, e0243936		
3	A prospective study to explore the relationship between MTHFR C677T genotype, physiological folate levels, and postpartum psychopathology in at-risk women 2020 , 15, e0243936		
2	A prospective study to explore the relationship between MTHFR C677T genotype, physiological folate levels, and postpartum psychopathology in at-risk women 2020 , 15, e0243936		
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