

Roger A Dyer

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,267
citations

623574

14
h-index

552653

26
g-index

33
all docs

33
docs citations

33
times ranked

2283
citing authors

#	ARTICLE	IF	CITATIONS
1	Maternal nutrition at conception modulates DNA methylation of human metastable epialleles. <i>Nature Communications</i> , 2014, 5, 3746.	5.8	428
2	Milk Fat Globule Membrane Supplementation in Formula Modulates the Neonatal Gut Microbiome and Normalizes Intestinal Development. <i>Scientific Reports</i> , 2017, 7, 45274.	1.6	132
3	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, 1217-1227.	2.2	131
4	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.	1.1	118
5	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, 1529-1536.	2.0	78
6	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, 1311-1319.	1.3	71
7	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.	1.6	40
8	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.	1.5	39
9	Sex Hormone-Binding Globulin Reduction in Metabolic Disorders May Play a Role in NAFLD Development. <i>Endocrinology</i> , 2017, 158, 545-559.	1.4	38
10	Human Milk Plasmalogens Are Highly Enriched in Long-Chain PUFAs. <i>Journal of Nutrition</i> , 2016, 146, 2412-2417.	1.3	25
11	The effect of diet and exercise on tobacco carcinogen-induced lung cancer. <i>Carcinogenesis</i> , 2019, 40, 448-460.	1.3	21
12	Concentrations of Water-Soluble Forms of Choline in Human Milk from Lactating Women in Canada and Cambodia. <i>Nutrients</i> , 2018, 10, 381.	1.7	20
13	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, 975.	1.7	19
14	Relationships among Different Water-Soluble Choline Compounds Differ between Human Preterm and Donor Milk. <i>Nutrients</i> , 2017, 9, 369.	1.7	16
15	Glycine, a Dispensable Amino Acid, Is Conditionally Indispensable in Late Stages of Human Pregnancy. <i>Journal of Nutrition</i> , 2021, 151, 361-369.	1.3	14
16	DNA methylation at a nutritionally sensitive region of the <i>PAX8</i> gene is associated with thyroid volume and function in Gambian children. <i>Science Advances</i> , 2021, 7, eabj1561.	4.7	13
17	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.	1.3	11
18	Dextrose gels for neonatal transitional hypoglycemia: What are we giving our babies?. <i>Paediatrics and Child Health</i> , 2019, 24, 115-118.	0.3	11

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19	Variability of Water-Soluble Forms of Choline Concentrations in Human Milk during Storage, after Pasteurization, and among Women. <i>Nutrients</i> , 2019, 11, 3024.	1.7	9
20	Variations in plasma choline and metabolite concentrations in healthy adults. <i>Clinical Biochemistry</i> , 2018, 60, 77-83.	0.8	8
21	RRR- α -Tocopherol Is the Predominant Stereoisomer of α -Tocopherol in Human Milk. <i>Current Developments in Nutrition</i> , 2018, 2, nzy055.	0.1	7
22	Prenatal choline supplementation improves biomarkers of maternal docosahexaenoic acid (DHA) status among pregnant participants consuming supplemental DHA: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2022, 116, 820-832.	2.2	7
23	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.	1.1	4
24	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.	1.3	2
25	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.	0.9	2
26	Variability in Plasma Free Choline and its Relation with Diet and Potential Plasma Biomarkers. <i>FASEB Journal</i> , 2015, 29, 919.22.	0.2	2
27	Complexity of understanding the role of dietary and erythrocyte docosahexaenoic acid (DHA) on the cognitive performance of school age children.. <i>Current Developments in Nutrition</i> , 0, , .	0.1	1
28	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, nzaa054_137.	0.1	0
29	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.	0.2	0
30	Title is missing!. , 2020, 15, e0243936.		0
31	Title is missing!. , 2020, 15, e0243936.		0
32	Title is missing!. , 2020, 15, e0243936.		0
33	Title is missing!. , 2020, 15, e0243936.		0