

# Ana Baylin

## List of Publications by Year in descending order

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Version: 2024-02-01

82  
papers

3,030  
citations

218677

26  
h-index

168389

53  
g-index

83  
all docs

83  
docs citations

83  
times ranked

4831  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adipose tissue biomarkers of fatty acid intake. American Journal of Clinical Nutrition, 2002, 76, 750-757.	4.7	278
2	Fasting Whole Blood as a Biomarker of Essential Fatty Acid Intake in Epidemiologic Studies: Comparison with Adipose Tissue and Plasma. American Journal of Epidemiology, 2005, 162, 373-381.	3.4	220
3	The use of fatty acid biomarkers to reflect dietary intake. Current Opinion in Lipidology, 2006, 17, 22-27.	2.7	201
4	Application of the Method of Triads to Evaluate the Performance of Food Frequency Questionnaires and Biomarkers as Indicators of Long-term Dietary Intake. American Journal of Epidemiology, 2001, 154, 1126-1135.	3.4	200
5	Biomarkers of Dietary Omega-6 Fatty Acids and Incident Cardiovascular Disease and Mortality. Circulation, 2019, 139, 2422-2436.	1.6	199
6	Vitamin D deficiency and insufficiency among US adults: prevalence, predictors and clinical implications. British Journal of Nutrition, 2018, 119, 928-936.	2.3	151
7	Adipose Tissue $\hat{1}\pm$ -Linolenic Acid and Nonfatal Acute Myocardial Infarction in Costa Rica. Circulation, 2003, 107, 1586-1591.	1.6	116
8	Dietary Patterns Are Associated with Metabolic Syndrome in Adult Samoans. Journal of Nutrition, 2009, 139, 1933-1943.	2.9	98
9	Overweight Is More Prevalent Than Stunting and Is Associated with Socioeconomic Status, Maternal Obesity, and a Snacking Dietary Pattern in School Children from Bogotá, Colombia. Journal of Nutrition, 2009, 139, 370-376.	2.9	95
10	High 18:2 Trans-Fatty Acids in Adipose Tissue Are Associated with Increased Risk of Nonfatal Acute Myocardial Infarction in Costa Rican Adults. Journal of Nutrition, 2003, 133, 1186-1191.	2.9	93
11	Adipose tissue palmitoleic acid and obesity in humans: does it behave as a lipokine?. American Journal of Clinical Nutrition, 2011, 93, 186-191.	4.7	81
12	Comparison of 3 Methods for Identifying Dietary Patterns Associated With Risk of Disease. American Journal of Epidemiology, 2008, 168, 1433-1443.	3.4	76
13	The Type of Oil Used for Cooking Is Associated with the Risk of Nonfatal Acute Myocardial Infarction in Costa Rica. Journal of Nutrition, 2005, 135, 2674-2679.	2.9	70
14	Processed and ultra-processed foods are associated with lower-quality nutrient profiles in children from Colombia. Public Health Nutrition, 2018, 21, 142-147.	2.2	65
15	Provision of a School Snack Is Associated with Vitamin B-12 Status, Linear Growth, and Morbidity in Children from Bogotá, Colombia. Journal of Nutrition, 2009, 139, 1744-1750.	2.9	60
16	Population-based study of $\hat{1}\pm$ - and $\hat{1}^3$ -tocopherol in plasma and adipose tissue as biomarkers of intake in Costa Rican adults. American Journal of Clinical Nutrition, 2001, 74, 356-363.	4.7	56
17	Adherence to a snacking dietary pattern and soda intake are related to the development of adiposity: a prospective study in school-age children. Public Health Nutrition, 2014, 17, 1507-1513.	2.2	53
18	Arachidonic Acid in Adipose Tissue Is Associated with Nonfatal Acute Myocardial Infarction in the Central Valley of Costa Rica. Journal of Nutrition, 2004, 134, 3095-3099.	2.9	47

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19	Effect of vitamin supplementation to HIV-infected pregnant women on the micronutrient status of their infants. <i>European Journal of Clinical Nutrition</i> , 2005, 59, 960-968.	2.9	42
20	Higher weight status of only and last-born children. Maternal feeding and child eating behaviors as underlying processes among 4-8 year olds. <i>Appetite</i> , 2015, 92, 167-172.	3.7	42
21	Birth order and sibship composition as predictors of overweight or obesity among low-income 4- to 8-year-old children. <i>Pediatric Obesity</i> , 2016, 11, 40-46.	2.8	40
22	Healthy Lifestyle During the Midlife Is Prospectively Associated With Less Subclinical Carotid Atherosclerosis: The Study of Women's Health Across the Nation. <i>Journal of the American Heart Association</i> , 2018, 7, e010405.	3.7	31
23	Iron, Oxidative Stress, and $\delta^9$ Stearoyl-Coenzyme A Desaturase Index (C16:1/C16:0): An Analysis Applying the National Health and Nutrition Examination Survey 2003-04. <i>Current Developments in Nutrition</i> , 2018, 2, nzx001.	0.3	30
24	The Relation between Trans Fatty Acid Levels and Increased Risk of Myocardial Infarction Does Not Hold at Lower Levels of Trans Fatty Acids in the Costa Rican Food Supply. <i>Journal of Nutrition</i> , 2006, 136, 2887-2892.	2.9	29
25	Adiposity in Adolescents: The Interplay of Sleep Duration and Sleep Variability. <i>Journal of Pediatrics</i> , 2018, 203, 309-316.	1.8	27
26	Alpha-linolenic acid (ALA) is inversely related to development of adiposity in school-age children. <i>European Journal of Clinical Nutrition</i> , 2015, 69, 167-172.	2.9	26
27	Dietary Patterns Are Associated with Metabolic Outcomes among Adult Samoans in a Cross-Sectional Study. <i>Journal of Nutrition</i> , 2017, 147, 628-635.	2.9	26
28	Unequal Exposure or Unequal Vulnerability? Contributions of Neighborhood Conditions and Cardiovascular Risk Factors to Socioeconomic Inequality in Incident Cardiovascular Disease in the Multi-Ethnic Study of Atherosclerosis. <i>American Journal of Epidemiology</i> , 2018, 187, 1424-1437.	3.4	25
29	The economic and nutrition transition in Equatorial Guinea coincided with a double burden of over- and under nutrition. <i>Economics and Human Biology</i> , 2010, 8, 80-87.	1.7	24
30	Western Dietary Pattern Derived by Multiple Statistical Methods Is Prospectively Associated with Subclinical Carotid Atherosclerosis in Midlife Women. <i>Journal of Nutrition</i> , 2020, 150, 579-591.	2.9	24
31	Dietary Patterns in Relation to Prospective Sleep Duration and Timing among Mexico City Adolescents. <i>Nutrients</i> , 2020, 12, 2305.	4.1	24
32	Exposure to Phenols, Phthalates, and Parabens and Development of Metabolic Syndrome Among Mexican Women in Midlife. <i>Frontiers in Public Health</i> , 2021, 9, 620769.	2.7	24
33	Red meat consumption and metabolic syndrome in the Costa Rica Heart Study. <i>European Journal of Nutrition</i> , 2020, 59, 185-193.	3.9	23
34	Socio-economic status and health awareness are associated with choice of cooking oil in Costa Rica. <i>Public Health Nutrition</i> , 2007, 10, 1214-1222.	2.2	22
35	Nutritional Status and its Correlates in Equatorial Guinean Preschool Children: Results from a Nationally Representative Survey. <i>Food and Nutrition Bulletin</i> , 2008, 29, 49-58.	1.4	21
36	Uncovering the relationship between food-related discussion on Twitter and neighborhood characteristics. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2020, 27, 254-264.	4.4	21

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37	INSIG2 variants, dietary patterns and metabolic risk in Samoa. <i>European Journal of Clinical Nutrition</i> , 2013, 67, 101-107.	2.9	20
38	Sleep, Diet, and Cardiometabolic Health Investigations: a Systematic Review of Analytic Strategies. <i>Current Nutrition Reports</i> , 2018, 7, 235-258.	4.3	20
39	Lifestyle Cardiovascular Risk Score, Genetic Risk Score, and Myocardial Infarction in Hispanic/Latino Adults Living in Costa Rica. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	19
40	Dietary and Adipose Tissue Gamma-Tocopherol and Risk of Myocardial Infarction. <i>Epidemiology</i> , 2002, 13, 216-223.	2.7	17
41	A Novel Fatty Acid Profile Index--the Lipophilic Index--and Risk of Myocardial Infarction. <i>American Journal of Epidemiology</i> , 2013, 178, 392-400.	3.4	17
42	Seasonal Epidemiology of Serum 25-Hydroxyvitamin D Concentrations among Healthy Adults Living in Rural and Urban Areas in Mongolia. <i>Nutrients</i> , 2016, 8, 592.	4.1	17
43	Beverage Intake and Metabolic Syndrome Risk Over 14 Years: The Study of Women's Health Across the Nation. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2017, 117, 554-562.	0.8	16
44	Plasma DHA Is Related to Sleep Timing and Duration in a Cohort of Mexican Adolescents. <i>Journal of Nutrition</i> , 2020, 150, 592-598.	2.9	15
45	The Association Between Sleep Duration and Sleep Timing and Insulin Resistance Among Adolescents in Mexico City. <i>Journal of Adolescent Health</i> , 2021, 69, 57-63.	2.5	13
46	Mealtime behavior among siblings and body mass index of 4-8 year olds: a videotaped observational study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2015, 12, 94.	4.6	12
47	A prospective study of body image dissatisfaction and BMI change in school-age children. <i>Public Health Nutrition</i> , 2015, 18, 322-328.	2.2	12
48	Meal preparation and cleanup time and cardiometabolic risk over 14years in the Study of Women's Health Across the Nation (SWAN). <i>Preventive Medicine</i> , 2015, 71, 1-6.	3.4	12
49	Dietary patterns are associated with child, maternal and household-level characteristics and overweight/obesity among young Samoan children. <i>Public Health Nutrition</i> , 2018, 21, 1243-1254.	2.2	12
50	Physical activity patterns and metabolic syndrome in Costa Rica. <i>Preventive Medicine</i> , 2015, 70, 39-45.	3.4	11
51	Micronutrient and anthropometric status indicators are associated with physical fitness in Colombian schoolchildren. <i>British Journal of Nutrition</i> , 2011, 105, 1832-1842.	2.3	10
52	Adipose tissue n-3 fatty acids and metabolic syndrome. <i>European Journal of Clinical Nutrition</i> , 2015, 69, 114-120.	2.9	10
53	Red meat intake is positively associated with non-fatal acute myocardial infarction in the Costa Rica Heart Study. <i>British Journal of Nutrition</i> , 2017, 118, 303-311.	2.3	9
54	Maternal intake of omega-3 and omega-6 polyunsaturated fatty acids during mid-pregnancy is inversely associated with linear growth. <i>Journal of Developmental Origins of Health and Disease</i> , 2018, 9, 432-441.	1.4	9

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55	BMI and sociodemographic correlates of body image perception and attitudes in school-aged children. <i>Public Health Nutrition</i> , 2014, 17, 2216-2225.	2.2	8
56	Association of plasma phospholipid polyunsaturated and trans fatty acids with body mass index: results from the Multi-Ethnic Study of Atherosclerosis. <i>International Journal of Obesity</i> , 2018, 42, 433-440.	3.4	8
57	Prospective associations between beverage intake during the midlife and subclinical carotid atherosclerosis: The Study of Women's Health Across the Nation. <i>PLoS ONE</i> , 2019, 14, e0219301.	2.5	8
58	Associations between livestock ownership and lower odds of anaemia among children 6â€“59 months old are not mediated by animal-source food consumption in Ghana. <i>Maternal and Child Nutrition</i> , 2021, 17, e13163.	3.0	8
59	Organic food consumption is associated with inflammatory biomarkers among older adults. <i>Public Health Nutrition</i> , 2021, 24, 4603-4613.	2.2	8
60	Starchy Vegetables and Metabolic Syndrome in Costa Rica. <i>Nutrients</i> , 2021, 13, 1639.	4.1	7
61	The Association of Prenatal Vitamins and Folic Acid Supplement Intake with Odds of Autism Spectrum Disorder in a High-Risk Sibling Cohort, the Early Autism Risk Longitudinal Investigation (EARLI). <i>Journal of Autism and Developmental Disorders</i> , 2022, 52, 2801-2811.	2.7	7
62	Diet and Leukocyte Telomere Length in a Population with Extended Longevity: The Costa Rican Longevity and Healthy Aging Study (CRELES). <i>Nutrients</i> , 2021, 13, 2585.	4.1	7
63	Associations between sleep duration and Mediterranean diet score in Costa Rican adults. <i>Appetite</i> , 2022, 170, 105881.	3.7	7
64	Longitudinal Assessment of Childhood Dietary Patterns: Associations with Body Mass Index z-Score among Children in the Samoan Ola Tuputupua'e (Growing Up) Cohort. <i>Childhood Obesity</i> , 2020, 16, 534-543.	1.5	6
65	A Prudent dietary pattern is inversely associated with liver fat content among multiethnic youth. <i>Pediatric Obesity</i> , 2021, 16, e12758.	2.8	6
66	Adipose tissue palmitoleic acid is inversely associated with nonfatal acute myocardial infarction in Costa Rican adults. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2018, 28, 973-979.	2.6	5
67	Ruminant-Related Risk Factors are Associated with Shiga Toxin-Producing <i>Escherichia coli</i> Infection in Children in Southern Ghana. <i>American Journal of Tropical Medicine and Hygiene</i> , 2022, 106, 513-522.	1.4	5
68	Later sleep timing and social jetlag are related to increased inflammation in a population with a high proportion of OSA: findings from the Cleveland Family Study. <i>Journal of Clinical Sleep Medicine</i> , 2022, 18, 2179-2187.	2.6	5
69	Cooking with soyabean oil increases whole-blood $\hat{\pm}$ -linolenic acid in school-aged children: results from a randomized trial. <i>Public Health Nutrition</i> , 2015, 18, 3420-3428.	2.2	4
70	Trans-fatty acids in cooking oils in Bogota, Colombia: changes in the food supply from 2008 to 2013. <i>Public Health Nutrition</i> , 2015, 18, 3260-3264.	2.2	4
71	Serum Trans Fatty Acids Are Not Associated with Weight Gain or Linear Growth in School-Age Children. <i>Journal of Nutrition</i> , 2015, 145, 2102-2108.	2.9	4
72	Genome-Wide Association Meta-Analysis of Individuals of European Ancestry Identifies Suggestive Loci for Sodium Intake, Potassium Intake, and Their Ratio Measured from 24-Hour or Half-Day Urine Samples. <i>Journal of Nutrition</i> , 2020, 150, 2635-2645.	2.9	4

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73	Maternal and neonatal one-carbon metabolites and the epigenome-wide infant response. Journal of Nutritional Biochemistry, 2022, 101, 108938.	4.2	4
74	Invited Commentary: Physical Exertion and Placental Abruptionâ€”Public Health Implications and Future Directions. American Journal of Epidemiology, 2018, 187, 2080-2082.	3.4	2
75	Nutrient Intake and Exercise Capacity inâ€”Heart Failure With Preserved Ejectionâ€”Fraction. JACC Basic To Translational Science, 2017, 2, 526-528.	4.1	1
76	Reported organic food consumption and metabolic syndrome in older adults: cross-sectional and longitudinal analyses. European Journal of Nutrition, 2022, 61, 1255-1271.	3.9	1
77	LINEâ€”1 DNA methylation in Colombian school children is associated with birth weight and maternal BMI, and predicts physical growth. FASEB Journal, 2010, 24, 107.6.	0.5	0
78	Inflammation, iron status, and growth of schoolâ€”age children: a prospective study. FASEB Journal, 2012, 26, 369.6.	0.5	0
79	A prospective study of body image dissatisfaction and BMI change in school children. FASEB Journal, 2013, 27, 1060.20.	0.5	0
80	A prospective study of global DNA methylation and development of adiposity in Colombian schoolchildren. FASEB Journal, 2013, 27, 343.1.	0.5	0
81	Maternal Carbohydrate Intake During Pregnancy is Associated with Child Peripubertal Markers of Metabolic Health but not Adiposity. Public Health Nutrition, 2021, , 1-33.	2.2	0
82	Associations between diet quality and allostatic load in US adults: findings from the National Health and Nutrition Examination Survey 2015-2018. Journal of the Academy of Nutrition and Dietetics, 2022, , .	0.8	0