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Usual choline and betaine dietary intake and incident coronary heart disease: the Atherosclerosis Risk in Communities (ARIC) study

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120	Effects of homocysteine on metabolic pathways in cultured astrocytes. 2008 , 52, 1410-5		25
119	Divergent associations of plasma choline and betaine with components of metabolic syndrome in middle age and elderly men and women. <i>Journal of Nutrition</i> , 2008 , 138, 914-20	4.1	162
118	Is there a new component of the Mediterranean diet that reduces inflammation?. 2008 , 87, 277-8		15
117	Dietary choline and betaine intakes in relation to concentrations of inflammatory markers in healthy adults: the ATTICA study. 2008 , 87, 424-30		191
116	Effect of 2 pieces of nutritional advice on folate status in Swedish women: a randomized controlled trial. 2009 , 89, 1053-8		8
115	Importance of methyl donors during reproduction. 2009 , 89, 673S-7S		171
114	Choline: an essential nutrient for public health. 2009 , 67, 615-23		566
113	Repeatability and measurement error in the assessment of choline and betaine dietary intake: the Atherosclerosis Risk in Communities (ARIC) study. <i>Nutrition Journal</i> , 2009 , 8, 14	4.3	47
112	Pre- and postnatal health: evidence of increased choline needs. 2010 , 110, 1198-206		106
111	The importance of being choline. 2010 , 110, 1162-5		12
110	The clinical significance of betaine, an osmolyte with a key role in methyl group metabolism. 2010 , 43, 732-44		303
109	Cholesterol: where science and public health policy intersect. 2010 , 68, 355-64		12
108	Choline. 2010 , 1, 46-8		16
107	Are dietary choline and betaine intakes determinants of total homocysteine concentration?. 2010 , 91, 1303-10		31
106	Choline in acute coronary syndrome: an emerging biomarker with implications for the integrated assessment of plaque vulnerability. 2010 , 10, 159-71		533
105	The impact of choline availability on muscle lipid metabolism. <i>Food and Function</i> , 2011 , 2, 53-62	6.1	36
104	The supply of choline is important for fetal progenitor cells. 2011 , 22, 624-8		38

103	Gut flora metabolism of phosphatidylcholine promotes cardiovascular disease. 2011 , 472, 57-63	3217
102	Choline and betaine in health and disease. 2011 , 34, 3-15	313
101	The effects of dietary choline. 2011 , 27, 330-42	5
100	Cardiovascular Diseases. 2011 , 173-187	
99	Dietary Choline, Betaine, Methionine, and Epigenetic Mechanisms Influencing Brain Development. 2011 , 225-240	
98	Choline metabolism provides novel insights into nonalcoholic fatty liver disease and its progression. 2012 , 28, 159-65	258
97	Phosphatidylcholine supplementation in pregnant women consuming moderate-choline diets does not enhance infant cognitive function: a randomized, double-blind, placebo-controlled trial. 2012 , 96, 1465-72	66
96	Phosphatidylcholine functional foods and nutraceuticals: A potential approach to prevent non-alcoholic fatty liver disease. 2012 , 114, 389-398	15
95	Glycerophosphocholine enhances growth hormone secretion and fat oxidation in young adults. 2012 , 28, 1122-6	27
94	Choline. 2012 , 405-418	8
93	The nutrigenetics and nutrigenomics of the dietary requirement for choline. 2012 , 108, 159-77	10
92	Dietary choline deficiency causes DNA strand breaks and alters epigenetic marks on DNA and histones. 2012 , 733, 34-8	66
91	Betaine protects against rotenone-induced neurotoxicity in PC12 cells. 2013 , 33, 625-35	28
90	L-carnitine consumption, its metabolism by intestinal microbiota, and cardiovascular health. 2013 , 88, 786-9	12
89	Dietary choline and betaine intakes vary in an adult multiethnic population. <i>Journal of Nutrition</i> , 2013 , 143, 894-9	4.1 36
88	Choline's role in maintaining liver function: new evidence for epigenetic mechanisms. 2013 , 16, 339-45	61
87	Metabolic crosstalk between choline/1-carbon metabolism and energy homeostasis. 2013 , 51, 467-75	59
86	Dietary intake and plasma levels of choline and betaine in children with autism spectrum disorders. 2013 , 2013, 578429	21

85	Scientific Opinion on the safety of Citicoline as a Novel Food ingredient. 2013 , 11, 3421		6
84	Nutrition in pregnancy: the argument for including a source of choline. 2013 , 5, 193-9		55
83	The contributory role of gut microbiota in cardiovascular disease. 2014 , 124, 4204-11		408
82	Higher dietary choline intake is associated with lower risk of nonalcoholic fatty liver in normal-weight Chinese women. <i>Journal of Nutrition</i> , 2014 , 144, 2034-40	4.1	37
81	Dietary intake of choline and neural tube defects in Mexican Americans. 2014 , 100, 463-71		9
80	Estimation of choline intake from 24 h dietary intake recalls and contribution of egg and milk consumption to intake among pregnant and lactating women in Alberta. 2014 , 112, 112-21		51
79	Cereal foods are the major source of betaine in the Western diet--analysis of betaine and free choline in cereal foods and updated assessments of betaine intake. 2014 , 145, 859-65		56
78	Prognostic value of choline and betaine depends on intestinal microbiota-generated metabolite trimethylamine-N-oxide. 2014 , 35, 904-10		369
77	Total choline and choline-containing moieties of commercially available pulses. 2014 , 69, 115-21		12
76	Effect of egg ingestion on trimethylamine-N-oxide production in humans: a randomized, controlled, dose-response study. 2014 , 100, 778-86		165
75	Unveiling differences between patients with acute coronary syndrome with and without ST elevation through fingerprinting with CE-MS and HILIC-MS targeted analysis. 2015 , 36, 2303-2313		15
74	A Phospholipid-Protein Complex from Antarctic Krill Reduced Plasma Homocysteine Levels and Increased Plasma Trimethylamine-N-Oxide (TMAO) and Carnitine Levels in Male Wistar Rats. 2015 , 13, 5706-21		16
73	Alleviation of Carbon-Tetrachloride-Induced Liver Injury and Fibrosis by Betaine Supplementation in Chickens. 2015 , 2015, 725379		21
72	Intestinal Microbiota Metabolism and Atherosclerosis. 2015 , 128, 2805-11		22
71	Plaque burden in HIV-infected patients is associated with serum intestinal microbiota-generated trimethylamine. 2015 , 29, 443-52		52
70	Choline and Betaine Intakes Are Not Associated with Cardiovascular Disease Mortality Risk in Japanese Men and Women. <i>Journal of Nutrition</i> , 2015 , 145, 1787-92	4.1	28
69	Plasma choline, smoking, and long-term prognosis in patients with stable angina pectoris. 2015 , 22, 606-14		10
68	Listening to Our Gut: Contribution of Gut Microbiota and Cardiovascular Risk in Diabetes Pathogenesis. 2015 , 15, 63		17

67	Effects of choline on health across the life course: a systematic review. 2015 , 73, 500-22	59
66	Measurement of the abundance of choline and the distribution of choline-containing moieties in meat. 2015 , 66, 743-8	8
65	Trimethylamine N-Oxide: The Good, the Bad and the Unknown. 2016 , 8,	228
64	Dietary Reference Values for choline. 2016 , 14, e04484	38
63	Choline and betaine consumption lowers cancer risk: a meta-analysis of epidemiologic studies. 2016 , 6, 35547	22
62	Orally administered betaine reduces photodamage caused by UVB irradiation through the regulation of matrix metalloproteinase-9 activity in hairless mice. 2016 , 13, 823-8	7
61	Dietary phosphatidylcholine and risk of all-cause and cardiovascular-specific mortality among US women and men. 2016 , 104, 173-80	49
60	Assessment of Total Choline Intakes in the United States. 2016 , 35, 108-12	55
59	Forecasting Chronic Diseases Using Data Fusion. 2017 , 16, 2435-2444	11
58	Choline and its metabolites are differently associated with cardiometabolic risk factors, history of cardiovascular disease, and MRI-documented cerebrovascular disease in older adults. 2017 , 105, 1283-1290	29
57	Increased Trimethylamine N-Oxide Portends High Mortality Risk Independent of Glycemic Control in Patients with Type 2 Diabetes Mellitus. 2017 , 63, 297-306	133
56	Plasma Metabolites From Choline Pathway and Risk of Cardiovascular Disease in the PREDIMED (Prevention With Mediterranean Diet) Study. 2017 , 6,	58
55	Trimethylamine N-Oxide, the Microbiome, and Heart and Kidney Disease. 2017 , 37, 157-181	204
54	Dietary Choline and Betaine and Risk of CVD: A Systematic Review and Meta-Analysis of Prospective Studies. <i>Nutrients</i> , 2017 , 9,	6.7 52
53	Choline Intake and Its Food Sources in the Diet of Romanian Kindergarten Children. <i>Nutrients</i> , 2017 , 9,	6.7 3
52	Choline, Other Methyl-Donors and Epigenetics. <i>Nutrients</i> , 2017 , 9,	6.7 96
51	Plasma Concentrations and Dietary Intakes of Choline and Betaine in Association With Atrial Fibrillation Risk: Results From 3 Prospective Cohorts With Different Health Profiles. 2018 , 7,	19
50	Microbial modulation of cardiovascular disease. 2018 , 16, 171-181	195

49	Dietary choline and betaine; associations with subclinical markers of cardiovascular disease risk and incidence of CVD, coronary heart disease and stroke: the Jackson Heart Study. 2018 , 57, 51-60	39
48	The dietary form of choline during lactation affects maternal immune function in rats. 2018 , 57, 2189-2199	6
47	Interaction between gut microbiome and cardiovascular disease. 2018 , 214, 153-157	69
46	Dietary Choline Intake: Current State of Knowledge Across the Life Cycle. <i>Nutrients</i> , 2018 , 10, 6.7	91
45	The Role of Gut Microbiota in Atherosclerosis and Hypertension. 2018 , 9, 1082	112
44	PEMT rs12325817 and PCYT1A rs7639752 polymorphisms are associated with betaine but not choline concentrations in pregnant women. 2018 , 56, 61-70	2
43	Adiposity May Moderate the Link Between Choline Intake and Non-alcoholic Fatty Liver Disease. 2019 , 38, 633-639	7
42	Targeted metabolomic analysis of plasma metabolites in patients with coronary heart disease in southern China. 2019 , 98, e14309	11
41	Dietary choline is positively related to overall and cause-specific mortality: results from individuals of the National Health and Nutrition Examination Survey and pooling prospective data. 2019 , 122, 1262-1270	8
40	Metabolomics study in severe extracranial carotid artery stenosis. 2019 , 19, 138	9
39	Dietary choline and betaine intakes and risk of total and lethal prostate cancer in the Atherosclerosis Risk in Communities (ARIC) Study. 2019 , 30, 343-354	3
38	Relation of choline intake with blood pressure in the National Health and Nutrition Examination Survey 2007-2010. 2019 , 109, 648-655	6
37	Urinary Levels of Trimethylamine-N-Oxide and Incident Coronary Heart Disease: A Prospective Investigation Among Urban Chinese Adults. 2019 , 8, e010606	35
36	Dietary choline is related to increased risk of acute myocardial infarction in patients with stable angina pectoris. 2020 , 173, 68-75	4
35	Associations of choline-related nutrients with cardiometabolic and all-cause mortality: results from 3 prospective cohort studies of blacks, whites, and Chinese. 2020 , 111, 644-656	10
34	Choline. 2020 , 305-318	1
33	The Association of Dietary Choline and Betaine With the Risk of Type 2 Diabetes: The Atherosclerosis Risk in Communities (ARIC) Study. 2020 , 43, 2840-2846	5
32	Sulfur-Containing Amino Acids and Lipid Metabolism. <i>Journal of Nutrition</i> , 2020 , 150, 2524S-2531S	4.1 9

31	Gut Microbiota Composition and Metabolites as the new Determinants of Cardiovascular Pathology Development. 2020 , 16, 277-285		1
30	Review of canine dilated cardiomyopathy in the wake of diet-associated concerns. 2020 , 98,		7
29	Gut microbiota and their effects on atherosclerosis, platelet function, and hypertension. 2021 , 295-309		
28	Correlation of the severity of coronary artery disease with patients' metabolic profile- rationale, design and baseline patient characteristics of the CorLipid trial. <i>BMC Cardiovascular Disorders</i> , 2021 , 21, 79	2.3	5
27	Effects of betaine supplementation on cardiovascular markers: A systematic review and Meta-analysis. 2021 , 1-18		1
26	Circulating trimethylamine N-oxide in association with diet and cardiometabolic biomarkers: an international pooled analysis. 2021 , 113, 1145-1156		6
25	Water-suppression cycling 3-T cardiac H-MRS detects altered creatine and choline in patients with aortic or mitral stenosis. 2021 , 34, e4513		2
24	Plasma Metabolomics of Acute Coronary Syndrome Patients Based on Untargeted Liquid Chromatography-Mass Spectrometry. 2021 , 8, 616081		1
23	Food Sources Contributing to Intake of Choline and Individual Choline Forms in a Norwegian Cohort of Patients With Stable Angina Pectoris. 2021 , 8, 676026		3
22	Plasma choline and betaine and risks of cardiovascular events and recurrent stroke after ischemic stroke. 2021 , 114, 1351-1359		2
21	Maternal nutrients and effects of gestational COVID-19 infection on fetal brain development. 2021 , 43, 1-8		5
20	Role of Gut Microbiota and Their Metabolites on Atherosclerosis, Hypertension and Human Blood Platelet Function: A Review. <i>Nutrients</i> , 2021 , 13,	6.7	27
19	Dietary choline and betaine intake and risk of hypertension development: a 7.4-year follow-up. <i>Food and Function</i> , 2021 , 12, 4072-4078	6.1	1
18	Gut Microbiota and Heart, Vascular Injury. <i>Advances in Experimental Medicine and Biology</i> , 2020 , 1238, 107-141	3.6	8
17	High-Choline Diet Exacerbates Cardiac Dysfunction, Fibrosis, and Inflammation in a Mouse Model of Heart Failure With Preserved Ejection Fraction. <i>Journal of Cardiac Failure</i> , 2020 , 26, 694-702	3.3	5
16	Folate and Choline Interrelationships. 2009 , 449-465		4
15	Assessment of Dietary Choline Intake, Contributing Food Items and Associations with One-carbon and Lipid Metabolites in Middle-aged and Elderly Adults: The Hordaland Health Study. <i>Journal of Nutrition</i> , 2021 ,	4.1	0
14	Nutrition as an Important Mediator of the Impact of Background Variables on Outcome in Middle Childhood. 2015 , 197-222		

13	The B-Vitamins. 2017 , 185-203		2
12	Relationship between non-alcoholic fatty liver disease and cardiovascular disease. <i>World Chinese Journal of Digestology</i> , 2020 , 28, 313-329	0.1	0
11	Gut Microbiota and Risk for Atherosclerosis: Current Understanding of the Mechanisms. 2020 , 167-186		
10	Dietary choline and betaine intakes and risk of cardiovascular diseases: review of epidemiological evidence. <i>ARYA Atherosclerosis</i> , 2011 , 7, 78-86	0.7	44
9	Electrophoretic Determination of Trimethylamine (TMA) in Biological Samples as a Novel Potential Biomarker of Cardiovascular Diseases Methodological Approach. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	
8	Association between dietary choline and betaine intake and 10.6-year cardiovascular disease in adults.. <i>Nutrition Journal</i> , 2022 , 21, 1	4.3	0
7	Interplay Between Diet, the Gut Microbiome, and Atherosclerosis: Role of Dysbiosis and Microbial Metabolites on Inflammation and Disordered Lipid Metabolism.. <i>Journal of Nutritional Biochemistry</i> , 2022 , 108991	6.3	3
6	A New Method for Calculating Choline Content and Determining Appropriate Choline Levels in Foods. <i>SSRN Electronic Journal</i> ,	1	
5	Serum Homocysteine and Vascular Calcification: Advances in Mechanisms, Related Diseases, and Nutrition. 2022 , 43, 277-289		1
4	TMAO and its precursors in relation to host genetics, gut microbial composition, diet, and clinical outcomes: Meta-analysis of 5 prospective population-based cohorts.		0
3	Choline: The forgotten essential nutrient. 2021 , 19, 22-27		0
2	Target Metabolome Profiling-Based Machine Learning as a Diagnostic Approach for Cardiovascular Diseases in Adults. 2022 , 12, 1185		0
1	In Vitro Fermentation of <i>Pleurotus eryngii</i> Mushrooms by Human Fecal Microbiota: Metataxonomic Analysis and Metabolomic Profiling of Fermentation Products. 2023 , 9, 128		0