

Anne Marie Minihane

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

3,852
citations

159525

30
h-index

133188

59
g-index

84
all docs

84
docs citations

84
times ranked

6051
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of metabolism (and the microbiome) in defining the clinical efficacy of dietary flavonoids. <i>American Journal of Clinical Nutrition</i> , 2017, 105, 10-22.	2.2	347
2	Spatial navigation deficits “ overlooked cognitive marker for preclinical Alzheimer disease?. <i>Nature Reviews Neurology</i> , 2018, 14, 496-506.	4.9	293
3	Impact of apoE genotype on oxidative stress, inflammation and disease risk. <i>Molecular Nutrition and Food Research</i> , 2008, 52, 131-145.	1.5	248
4	ApoE Polymorphism and Fish Oil Supplementation in Subjects With an Atherogenic Lipoprotein Phenotype. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000, 20, 1990-1997.	1.1	204
5	Nutrition for the ageing brain: Towards evidence for an optimal diet. <i>Ageing Research Reviews</i> , 2017, 35, 222-240.	5.0	161
6	Flavonoid-rich fruit and vegetables improve microvascular reactivity and inflammatory status in men at risk of cardiovascular disease“FLAVURS: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2014, 99, 479-489.	2.2	150
7	Blueberries improve biomarkers of cardiometabolic function in participants with metabolic syndrome“ results from a 6-month, double-blind, randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 1535-1545.	2.2	145
8	Polyphenols and non-alcoholic fatty liver disease: impact and mechanisms. <i>Proceedings of the Nutrition Society</i> , 2016, 75, 47-60.	0.4	128
9	<i>APOE</i> genotype influences the gut microbiome structure and function in humans and mice: relevance for Alzheimer's disease pathophysiology. <i>FASEB Journal</i> , 2019, 33, 8221-8231.	0.2	124
10	Toward personalized cognitive diagnostics of at-genetic-risk Alzheimer“s disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9285-9292.	3.3	118
11	Acute benefits of the microbial-derived isoflavone metabolite equol on arterial stiffness in men prospectively recruited according to equol producer phenotype: a double-blind randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2016, 103, 694-702.	2.2	109
12	Mediterranean-Style Diet Improves Systolic Blood Pressure and Arterial Stiffness in Older Adults. <i>Hypertension</i> , 2019, 73, 578-586.	1.3	106
13	ApoE genotype, cardiovascular risk and responsiveness to dietary fat manipulation. <i>Proceedings of the Nutrition Society</i> , 2007, 66, 183-197.	0.4	101
14	Intake and metabolism of omega-3 and omega-6 polyunsaturated fatty acids: nutritional implications for cardiometabolic diseases. <i>Lancet Diabetes and Endocrinology</i> , 2020, 8, 915-930.	5.5	97
15	Health behaviour change during the UK COVID“19 lockdown: Findings from the first wave of the “19 health behaviour and well-being daily tracker study. <i>British Journal of Health Psychology</i> , 2021, 26, 624-643.	1.9	95
16	Dietary long-chain n-3 PUFAs increase LPL gene expression in adipose tissue of subjects with an atherogenic lipoprotein phenotype. <i>Journal of Lipid Research</i> , 2002, 43, 979-85.	2.0	94
17	Effects of apoE genotype on macrophage inflammation and heme oxygenase-1 expression. <i>Biochemical and Biophysical Research Communications</i> , 2007, 357, 319-324.	1.0	88
18	Mediterranean diet adherence and cognitive function in older UK adults: the European Prospective Investigation into Cancer and Nutrition“Norfolk (EPIC-Norfolk) Study. <i>American Journal of Clinical Nutrition</i> , 2019, 110, 938-948.	2.2	74

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19	Mediterranean diet and the hallmarks of ageing. <i>European Journal of Clinical Nutrition</i> , 2021, 75, 1176-1192.	1.3	64
20	The Impact of Common Gene Variants on the Response of Biomarkers of Cardiovascular Disease (CVD) Risk to Increased Fish Oil Fatty Acids Intakes. <i>Annual Review of Nutrition</i> , 2011, 31, 203-234.	4.3	61
21	Apolipoprotein E (<i>APOE</i>) genotype regulates body weight and fatty acid utilization in targeted replacement mice. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 334-343.	1.5	52
22	Impact of Genotype on EPA and DHA Status and Responsiveness to Increased Intakes. <i>Nutrients</i> , 2016, 8, 123.	1.7	51
23	The impact of fatty acid desaturase genotype on fatty acid status and cardiovascular health in adults. <i>Proceedings of the Nutrition Society</i> , 2017, 76, 64-75.	0.4	51
24	Genome-wide association study of the plasma triglyceride response to an n-3 polyunsaturated fatty acid supplementation. <i>Journal of Lipid Research</i> , 2014, 55, 1245-1253.	2.0	44
25	Effects of a Mediterranean diet on blood pressure: a systematic review and meta-analysis of randomized controlled trials and observational studies. <i>Journal of Hypertension</i> , 2021, 39, 729-739.	0.3	44
26	Can nutrition support healthy cognitive ageing and reduce dementia risk?. <i>BMJ</i> , The, 2020, 369, m2269.	3.0	43
27	Efficacy of lifestyle and psychosocial interventions in reducing cognitive decline in older people: Systematic review. <i>Ageing Research Reviews</i> , 2020, 62, 101113.	5.0	42
28	Mediterranean Diet Increases Endothelial Function in Adults: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Journal of Nutrition</i> , 2020, 150, 1151-1159.	1.3	41
29	Future prospects for dissecting inter-individual variability in the absorption, distribution and elimination of plant bioactives of relevance for cardiometabolic endpoints. <i>European Journal of Nutrition</i> , 2019, 58, 21-36.	1.8	34
30	Apolipoprotein E genotype and the cardiovascular disease risk phenotype: Impact of sex and adiposity (the FINGEN study). <i>Atherosclerosis</i> , 2012, 221, 467-470.	0.4	32
31	Lack of effect of dietary n-6:n-3 PUFA ratio on plasma lipids and markers of insulin responses in Indian Asians living in the UK. <i>European Journal of Nutrition</i> , 2005, 44, 26-32.	1.8	31
32	Differential effects of EPA versus DHA on postprandial vascular function and the plasma oxylipin profile in men. <i>Journal of Lipid Research</i> , 2016, 57, 1720-1727.	2.0	31
33	Nitric Oxide Boosting Effects of the Mediterranean Diet: A Potential Mechanism of Action. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 902-904.	1.7	31
34	Urinary metabolomic profiling to identify biomarkers of a flavonoid-rich and flavonoid-poor fruits and vegetables diet in adults: the FLAVURS trial. <i>Metabolomics</i> , 2016, 12, 1.	1.4	28
35	Fish oil omega-3 fatty acids and cardio-metabolic health, alone or with statins. <i>European Journal of Clinical Nutrition</i> , 2013, 67, 536-540.	1.3	27
36	The effect of APOE genotype on Alzheimer's disease risk is influenced by sex and docosahexaenoic acid status. <i>Neurobiology of Aging</i> , 2018, 69, 209-220.	1.5	27

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37	A mathematical model of the sterol regulatory element binding protein 2 cholesterol biosynthesis pathway. <i>Journal of Theoretical Biology</i> , 2014, 349, 150-162.	0.8	26
38	n-3 Fatty acids combined with flavan-3-ols prevent steatosis and liver injury in a murine model of NAFLD. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 69-78.	1.8	26
39	Nutrition state of science and dementia prevention: recommendations of the Nutrition for Dementia Prevention Working Group. <i>The Lancet Healthy Longevity</i> , 2022, 3, e501-e512.	2.0	26
40	Anthocyanins do not influence long-chain n-3 fatty acid status: studies in cells, rodents and humans. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 211-218.	1.9	25
41	Fine mapping of genome-wide association study signals to identify genetic markers of the plasma triglyceride response to an omega-3 fatty acid supplementation. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 176-185.	2.2	24
42	A Transgenic <i>Camelina sativa</i> Seed Oil Effectively Replaces Fish Oil as a Dietary Source of Eicosapentaenoic Acid in Mice. <i>Journal of Nutrition</i> , 2016, 146, 227-235.	1.3	23
43	Test-retest reliability of spatial navigation in adults at-risk of Alzheimer's disease. <i>PLoS ONE</i> , 2020, 15, e0239077.	1.1	23
44	APOE4 genotype exacerbates the impact of menopause on cognition and synaptic plasticity in APOE4 mice. <i>FASEB Journal</i> , 2021, 35, e21583.	0.2	21
45	Effects of a mediterranean diet on the gut microbiota and microbial metabolites: A systematic review of randomized controlled trials and observational studies. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 8698-8719.	5.4	21
46	Altered SPMs and age-associated decrease in brain DHA in APOE4 female mice. <i>FASEB Journal</i> , 2019, 33, 10315-10326.	0.2	19
47	Functional connectivity between the entorhinal and posterior cingulate cortices underpins navigation discrepancies in at-risk Alzheimer's disease. <i>Neurobiology of Aging</i> , 2020, 90, 110-118.	1.5	19
48	The effect of dietary fish oil on weight gain and insulin sensitivity is dependent on APOE genotype in humanized targeted replacement mice. <i>FASEB Journal</i> , 2017, 31, 989-997.	0.2	17
49	The genetic contribution to disease risk and variability in response to diet: where is the hidden heritability?. <i>Proceedings of the Nutrition Society</i> , 2013, 72, 40-47.	0.4	16
50	Nutrient gene interactions in lipid metabolism. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2009, 12, 357-363.	1.3	15
51	Impact of Lipoprotein Lipase Gene Polymorphism, S447X, on Postprandial Triacylglycerol and Glucose Response to Sequential Meal Ingestion. <i>International Journal of Molecular Sciences</i> , 2016, 17, 397.	1.8	13
52	APPLEtree (Active Prevention in People at risk of dementia: Lifestyle, bEhaviour change and Technology) Tj ETQq0 0 0 rgBT /Overlock Psychiatry, 2020, 35, 811-819.	1.3	13
53	Lack of association between lipaemia and central adiposity in subjects with an atherogenic lipoprotein phenotype (ALP). <i>International Journal of Obesity</i> , 2000, 24, 1097-1106.	1.6	12
54	APOE Genotype Modifies the Plasma Oxylipin Response to Omega-3 Polyunsaturated Fatty Acid Supplementation in Healthy Individuals. <i>Frontiers in Nutrition</i> , 2021, 8, 723813.	1.6	11

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55	<i>APOE</i> ϵ 4 alters associations between docosahexaenoic acid and preclinical markers of Alzheimer's disease. <i>Brain Communications</i> , 2021, 3, fcab085.	1.5	10
56	The Cognitive Ageing, Nutrition and Neurogenesis (CANN) trial: Design and progress. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2018, 4, 591-601.	1.8	9
57	NuBrain: UK consortium for optimal nutrition for healthy brain ageing. <i>Nutrition Bulletin</i> , 2020, 45, 223-229.	0.8	9
58	Feasibility and acceptability of a multi-domain intervention to increase Mediterranean diet adherence and physical activity in older UK adults at risk of dementia: protocol for the MedEx-UK randomised controlled trial. <i>BMJ Open</i> , 2021, 11, e042823.	0.8	9
59	Fish, n-3 fatty acids, cognition and dementia risk: not just a fishy tale. <i>Proceedings of the Nutrition Society</i> , 2022, 81, 27-40.	0.4	9
60	Neuroinflammation and the APOE genotype: Implications for Alzheimer's disease and modulation by dietary flavonoids and n-3 polyunsaturated fatty acids. <i>Nutrition and Aging (Amsterdam, Netherlands)</i> , 2012, 1, 41-53.	0.3	5
61	Diet, exercise and dementia: The potential impact of a Mediterranean diet pattern and physical activity on cognitive health in a UK population. <i>Nutrition Bulletin</i> , 2018, 43, 284-289.	0.8	5
62	Study protocol: ASCRIBED: the impact of Acute Systematic inflammation upon cerebrospinal fluid and blood Biomarkers of brain inflammation and injury in dementia: a study in acute hip fracture patients. <i>BMC Neurology</i> , 2019, 19, 223.	0.8	5
63	DHA-Enriched Fish Oil Ameliorates Deficits in Cognition Associated with Menopause and the APOE4 Genotype in Rodents. <i>Nutrients</i> , 2022, 14, 1698.	1.7	5
64	Short-term effects of a Mediterranean-style dietary pattern on cognition and mental well-being: a systematic review of clinical trials. <i>British Journal of Nutrition</i> , 2022, 128, 1247-1256.	1.2	4
65	A randomized trial and novel SPR technique identifies altered lipoprotein-LDL receptor binding as a mechanism underlying elevated LDL-cholesterol in APOE4s. <i>Scientific Reports</i> , 2017, 7, 44119.	1.6	3
66	The big fat debate. <i>Nutrition Bulletin</i> , 2018, 43, 2-6.	0.8	3
67	Do single nucleotide polymorphisms in β -carotene dioxygenase-2 (<i>BCDO2</i>) gene affect the postprandial response?. <i>Proceedings of the Nutrition Society</i> , 2008, 67, .	0.4	2
68	Medical Research Council Hot Topic workshop report: Planning a UK Nutrition and Healthy Life Expectancy Trial. <i>Nutrition Bulletin</i> , 2021, 46, 395-408.	0.8	2
69	Differential effects of dairy snacks on appetite ratings, but not overall energy intake. <i>Proceedings of the Nutrition Society</i> , 2011, 70, .	0.4	1
70	How Fatty Acids and Common Genetic Variants Together Affect the Inflammation of Adipose Tissue. <i>Current Cardiovascular Risk Reports</i> , 2014, 8, 1.	0.8	1
71	Impact of menopausal status on the postprandial TAG response in healthy women. <i>Proceedings of the Nutrition Society</i> , 2010, 69, .	0.4	0
72	Green tea, catechol-O-methyltransferase (COMT) genotype and vascular function. <i>Proceedings of the Nutrition Society</i> , 2010, 69, .	0.4	0

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73	The impact of obesity-related single nucleotide polymorphisms on satiety. Proceedings of the Nutrition Society, 2011, 70, .	0.4	0
74	SATgen μ dietary strategy to investigate the impact of the ϵ genotype on LDL-cholesterol response to dietary fat manipulation. Proceedings of the Nutrition Society, 2011, 70, .	0.4	0
75	Dietary fat composition has a greater impact on postprandial lipaemia than apolipoprotein E genotype in normolipidaemic men – insights from the Satgen μ study. Proceedings of the Nutrition Society, 2012, 71, .	0.4	0
76	Dietary fat manipulation and not apolipoprotein E (epsilon) genotype has a significant impact on cytokine production – insights from the SATgen μ study. Proceedings of the Nutrition Society, 2012, 71, .	0.4	0
77	Impact of APOE genotype on postprandial Sf>400 lipid and apolipoprotein B-48 responses to dietary fat manipulation – insights from the SATgen μ study. Proceedings of the Nutrition Society, 2013, 72, .	0.4	0
78	The effect of anthocyanin consumption on blood and tissue levels of fatty acids in animals and humans. Proceedings of the Nutrition Society, 2013, 72, .	0.4	0
79	Nutrigenetics and personalised/stratified approaches to the provision of dietary advice. Archives of Public Health, 2014, 72, .	1.0	0
80	Do single nucleotide polymorphisms in β -carotene dioxygenase-2 (BCDO2) gene affect the postprandial response?. Proceedings of the Nutrition Society, 2008, 67, .	0.4	0
81	Nutrition and brain health. Nutrition Bulletin, 2021, 46, 8-11.	0.8	0