

Natalie C Ward

List of Publications by Year in descending order

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Version: 2024-02-01

105
papers

4,963
citations

81900

39
h-index

98798

67
g-index

106
all docs

106
docs citations

106
times ranked

7121
citing authors

#	ARTICLE	IF	CITATIONS
1	Statin Toxicity. <i>Circulation Research</i> , 2019, 124, 328-350.	4.5	439
2	Flavonoid-rich apples and nitrate-rich spinach augment nitric oxide status and improve endothelial function in healthy men and women: a randomized controlled trial. <i>Free Radical Biology and Medicine</i> , 2012, 52, 95-102.	2.9	226
3	Coenzyme Q10 improves endothelial dysfunction of the brachial artery in Type II diabetes mellitus. <i>Diabetologia</i> , 2002, 45, 420-426.	6.3	180
4	SGLT2 Inhibitor-Induced Sympathoinhibition. <i>JACC Basic To Translational Science</i> , 2020, 5, 169-179.	4.1	152
5	A Single Nucleotide Polymorphism in the <i>CYP4F2</i> but not <i>CYP4A11</i> Gene Is Associated With Increased 20-HETE Excretion and Blood Pressure. <i>Hypertension</i> , 2008, 51, 1393-1398.	2.7	145
6	Urinary 20-Hydroxyeicosatetraenoic Acid Is Associated With Endothelial Dysfunction in Humans. <i>Circulation</i> , 2004, 110, 438-443.	1.6	136
7	Oxidative stress in human hypertension: association with antihypertensive treatment, gender, nutrition, and lifestyle. <i>Free Radical Biology and Medicine</i> , 2004, 36, 226-232.	2.9	124
8	Statin therapy causes gut dysbiosis in mice through a PXR-dependent mechanism. <i>Microbiome</i> , 2017, 5, 95.	11.1	124
9	Effects of tea and coffee on cardiovascular disease risk. <i>Food and Function</i> , 2012, 3, 575.	4.6	123
10	The cardiovascular health benefits of apples: Whole fruit vs. isolated compounds. <i>Trends in Food Science and Technology</i> , 2017, 69, 243-256.	15.1	123
11	The effect of vitamin E on blood pressure in individuals with type 2 diabetes: a randomized, double-blind, placebo-controlled trial. <i>Journal of Hypertension</i> , 2007, 25, 227-234.	0.5	117
12	Dietary quercetin attenuates oxidant-induced endothelial dysfunction and atherosclerosis in apolipoprotein E knockout mice fed a high-fat diet: A critical role for heme oxygenase-1. <i>Free Radical Biology and Medicine</i> , 2013, 65, 908-915.	2.9	111
13	Supplementation with Grape Seed Polyphenols Results in Increased Urinary Excretion of 3-Hydroxyphenylpropionic Acid, an Important Metabolite of Proanthocyanidins in Humans. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 5545-5549.	5.2	110
14	The combination of vitamin C and grape-seed polyphenols increases blood pressure: a randomized, double-blind, placebo-controlled trial. <i>Journal of Hypertension</i> , 2005, 23, 427-434.	0.5	100
15	Effects of α -Tocopherol and Mixed Tocopherol Supplementation on Markers of Oxidative Stress and Inflammation in Type 2 Diabetes. <i>Clinical Chemistry</i> , 2007, 53, 511-519.	3.2	100
16	Dietary flavonoids and nitrate: effects on nitric oxide and vascular function. <i>Nutrition Reviews</i> , 2015, 73, 216-235.	5.8	96
17	Quercetin and its metabolites improve vessel function by inducing eNOS activity via phosphorylation of AMPK. <i>Biochemical Pharmacology</i> , 2012, 84, 1036-1044.	4.4	95
18	Absence of an effect of high nitrate intake from beetroot juice on blood pressure in treated hypertensive individuals: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2015, 102, 368-375.	4.7	88

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19	The gut microbiome and cardiovascular disease: current knowledge and clinical potential. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 317, H923-H938.	3.2	82
20	Cardiovascular Health Benefits of Specific Vegetable Types: A Narrative Review. <i>Nutrients</i> , 2018, 10, 595.	4.1	77
21	Chlorogenic acid improves ex vivo vessel function and protects endothelial cells against HOCl-induced oxidative damage, via increased production of nitric oxide and induction of Hmox-1. <i>Journal of Nutritional Biochemistry</i> , 2016, 27, 53-60.	4.2	74
22	Increased Lean Red Meat Intake Does Not Elevate Markers of Oxidative Stress and Inflammation in Humans. <i>Journal of Nutrition</i> , 2007, 137, 363-367.	2.9	69
23	Phenolic acid metabolites as biomarkers for tea- and coffee-derived polyphenol exposure in human subjects. <i>British Journal of Nutrition</i> , 2004, 91, 301-305.	2.3	66
24	Effects of a nitrate-rich meal on arterial stiffness and blood pressure in healthy volunteers. <i>Nitric Oxide - Biology and Chemistry</i> , 2013, 35, 123-130.	2.7	66
25	Urinary 20-hydroxyeicosatetraenoic acid excretion is associated with oxidative stress in hypertensive subjects. <i>Free Radical Biology and Medicine</i> , 2005, 38, 1032-1036.	2.9	65
26	Cytochrome P450 metabolites of arachidonic acid are elevated in stroke patients compared with healthy controls. <i>Clinical Science</i> , 2011, 121, 501-507.	4.3	65
27	Flavonoid-Rich Apple Improves Endothelial Function in Individuals at Risk for Cardiovascular Disease: A Randomized Controlled Clinical Trial. <i>Molecular Nutrition and Food Research</i> , 2018, 62, 1700674.	3.3	65
28	Development of a reference database for assessing dietary nitrate in vegetables. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1600982.	3.3	62
29	HYPERTENSION AND OXIDATIVE STRESS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2006, 33, 872-876.	1.9	61
30	Short-term effects of nitrate-rich green leafy vegetables on blood pressure and arterial stiffness in individuals with high-normal blood pressure. <i>Free Radical Biology and Medicine</i> , 2014, 77, 353-362.	2.9	60
31	The acute effect of flavonoid-rich apples and nitrate-rich spinach on cognitive performance and mood in healthy men and women. <i>Food and Function</i> , 2014, 5, 849-858.	4.6	53
32	Vegetable-derived bioactive nitrate and cardiovascular health. <i>Molecular Aspects of Medicine</i> , 2018, 61, 83-91.	6.4	53
33	Integrated Guidance for Enhancing the Care of Familial Hypercholesterolaemia in Australia. <i>Heart Lung and Circulation</i> , 2021, 30, 324-349.	0.4	51
34	Evidence for the nitration of β -tocopherol in vivo: 5-nitro- β -tocopherol is elevated in the plasma of subjects with coronary heart disease. <i>Biochemical Journal</i> , 2002, 364, 625-628.	3.7	50
35	Apple intake is inversely associated with all-cause and disease-specific mortality in elderly women. <i>British Journal of Nutrition</i> , 2016, 115, 860-867.	2.3	50
36	Anti-Angiogenic Activity of Curcumin in Cancer Therapy: A Narrative Review. <i>Current Vascular Pharmacology</i> , 2019, 17, 262-269.	1.7	50

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37	Nitrate, the oral microbiome, and cardiovascular health: a systematic literature review of human and animal studies. <i>American Journal of Clinical Nutrition</i> , 2018, 107, 504-522.	4.7	49
38	Measurement of 20-Hydroxyeicosatetraenoic Acid in Human Urine by Gas Chromatography–Mass Spectrometry. <i>Clinical Chemistry</i> , 2004, 50, 224-226.	3.2	46
39	Isoquercetin and inulin synergistically modulate the gut microbiome to prevent development of the metabolic syndrome in mice fed a high fat diet. <i>Scientific Reports</i> , 2018, 8, 10100.	3.3	44
40	Associations of serum short-chain fatty acids with circulating immune cells and serum biomarkers in patients with multiple sclerosis. <i>Scientific Reports</i> , 2021, 11, 5244.	3.3	41
41	Acute effects of quercetin-3-O-glucoside on endothelial function and blood pressure: a randomized dose-response study. <i>American Journal of Clinical Nutrition</i> , 2016, 104, 97-103.	4.7	38
42	Supplementation with mixed tocopherols increases serum and blood cell α -tocopherol but does not alter biomarkers of platelet activation in subjects with type 2 diabetes. <i>American Journal of Clinical Nutrition</i> , 2006, 83, 95-102.	4.7	37
43	Oxidant stress in nephrotic syndrome: comparison of F ₂ -isoprostanes and plasma antioxidant potential. <i>Nephrology Dialysis Transplantation</i> , 2001, 16, 1626-1630.	0.7	36
44	Short-Term Effects of a High Nitrate Diet on Nitrate Metabolism in Healthy Individuals. <i>Nutrients</i> , 2015, 7, 1906-1915.	4.1	36
45	Green coffee polyphenols do not attenuate features of the metabolic syndrome and improve endothelial function in mice fed a high fat diet. <i>Archives of Biochemistry and Biophysics</i> , 2014, 559, 46-52.	3.0	34
46	Nitrate-rich vegetables do not lower blood pressure in individuals with mildly elevated blood pressure: a 4-wk randomized controlled crossover trial. <i>American Journal of Clinical Nutrition</i> , 2018, 107, 894-908.	4.7	34
47	Dietary inflammatory index in relation to sub-clinical atherosclerosis and atherosclerotic vascular disease mortality in older women. <i>British Journal of Nutrition</i> , 2017, 117, 1577-1586.	2.3	33
48	Effects of vitamin E, vitamin C and polyphenols on the rate of blood pressure variation: results of two randomised controlled trials. <i>British Journal of Nutrition</i> , 2014, 112, 1551-1561.	2.3	32
49	Acute effects of chlorogenic acids on endothelial function and blood pressure in healthy men and women. <i>Food and Function</i> , 2016, 7, 2197-2203.	4.6	32
50	Recent perspectives on the role of nutraceuticals as cholesterol-lowering agents. <i>Current Opinion in Lipidology</i> , 2017, 28, 495-501.	2.7	31
51	Quantifying dietary vitamin K and its link to cardiovascular health: a narrative review. <i>Food and Function</i> , 2020, 11, 2826-2837.	4.6	31
52	Screening plant derived dietary phenolic compounds for bioactivity related to cardiovascular disease. <i>FASEB J</i> , 2018, 32, 22-28.	2.2	29
53	Novel protein biomarkers associated with coronary artery disease in statin-treated patients with familial hypercholesterolemia. <i>Journal of Clinical Lipidology</i> , 2017, 11, 682-693.	1.5	28
54	Enzymatically modified isoquercitrin improves endothelial function in volunteers at risk of cardiovascular disease. <i>British Journal of Nutrition</i> , 2020, 123, 182-189.	2.3	27

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55	Lipoprotein (a) and diabetes mellitus. <i>Atherosclerosis</i> , 2022, 349, 63-71.	0.8	27
56	Brachial artery vasomotor function is inversely associated with 24-h ambulatory blood pressure. <i>Journal of Hypertension</i> , 2004, 22, 967-972.	0.5	26
57	Fruit Intake and Abdominal Aortic Calcification in Elderly Women: A Prospective Cohort Study. <i>Nutrients</i> , 2016, 8, 159.	4.1	26
58	Mechanisms of the protective effects of nitrate and nitrite in cardiovascular and metabolic diseases. <i>Nitric Oxide - Biology and Chemistry</i> , 2020, 96, 35-43.	2.7	25
59	The Efficacy of Quercetin in Cardiovascular Health. <i>Current Nutrition Reports</i> , 2015, 4, 290-303.	4.3	24
60	Structural requirements of flavonoids to induce heme oxygenase-1 expression. <i>Free Radical Biology and Medicine</i> , 2017, 113, 165-175.	2.9	24
61	Nutraceuticals in the management of patients with statin-associated muscle symptoms, with a note on real-world experience. <i>Clinical Cardiology</i> , 2018, 41, 159-165.	1.8	24
62	Vegetable and Fruit Intake and Fracture-Related Hospitalisations: A Prospective Study of Older Women. <i>Nutrients</i> , 2017, 9, 511.	4.1	23
63	The gut microbiome and heart failure. <i>Current Opinion in Cardiology</i> , 2019, 34, 225-232.	1.8	23
64	Nitrate causes a dose-dependent augmentation of nitric oxide status in healthy women. <i>Food and Function</i> , 2012, 3, 522.	4.6	21
65	Chronic activation of AMP-activated protein kinase prevents 20-hydroxyeicosatetraenoic acid-induced endothelial dysfunction. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2011, 38, 328-333.	1.9	19
66	Lipid management in people with peripheral artery disease. <i>Current Opinion in Lipidology</i> , 2019, 30, 470-476.	2.7	19
67	The acute effect of coffee on endothelial function and glucose metabolism following a glucose load in healthy human volunteers. <i>Food and Function</i> , 2017, 8, 3366-3373.	4.6	18
68	20-Hydroxyeicosatetraenoic acid is not associated with circulating insulin in lean to overweight humans. <i>Diabetes Research and Clinical Practice</i> , 2006, 74, 197-200.	2.8	17
69	Low dose dietary nitrate improves endothelial dysfunction and plaque stability in the ApoE ^{-/-} mouse fed a high fat diet. <i>Free Radical Biology and Medicine</i> , 2016, 99, 189-198.	2.9	17
70	The effects of vitamin K-rich green leafy vegetables on bone metabolism: A 4-week randomised controlled trial in middle-aged and older individuals. <i>Bone Reports</i> , 2020, 12, 100274.	0.4	17
71	Sodium glucose co-transporter 2 inhibition reduces succinate levels in diabetic mice. <i>World Journal of Gastroenterology</i> , 2020, 26, 3225-3235.	3.3	17
72	Shining LIGHT on the metabolic role of the cytokine TNFSF14 and the implications on hepatic IL-6 production. <i>Immunology and Cell Biology</i> , 2018, 96, 41-53.	2.3	16

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73	Dietary Nitrate and Diet Quality: An Examination of Changing Dietary Intakes within a Representative Sample of Australian Women. <i>Nutrients</i> , 2018, 10, 1005.	4.1	15
74	Vegetable Nitrate Intakes Are Associated with Reduced Self-Reported Cardiovascular-Related Complications within a Representative Sample of Middle-Aged Australian Women, Prospectively Followed up for 15 Years. <i>Nutrients</i> , 2019, 11, 240.	4.1	15
75	Molecular, Population, and Clinical Aspects of Lipoprotein(a): A Bridge Too Far?. <i>Journal of Clinical Medicine</i> , 2019, 8, 2073.	2.4	15
76	The effect of a single nucleotide polymorphism of the CYP4F2 gene on blood pressure and 20-hydroxyeicosatetraenoic acid excretion after weight loss. <i>Journal of Hypertension</i> , 2014, 32, 1495-1502.	0.5	14
77	Synthesis of bis[palladium(ii)] and bis[platinum(ii)] complexes containing chiral, linear quadridentate ligands with a P2N2 donor set. <i>Dalton Transactions RSC</i> , 2002, , 234.	2.3	13
78	Effect of adding milk to black tea on vascular function in healthy men and women: a randomised controlled crossover trial. <i>Food and Function</i> , 2018, 9, 6307-6314.	4.6	13
79	Lipoprotein (a) and diabetes mellitus: causes and consequences. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2021, 28, 181-187.	2.3	13
80	Relationships of vascular function with measures of ambulatory blood pressure variation. <i>Atherosclerosis</i> , 2014, 233, 48-54.	0.8	12
81	The effect of regular consumption of lupin-containing foods on glycaemic control and blood pressure in people with type 2 diabetes mellitus. <i>Food and Function</i> , 2020, 11, 741-747.	4.6	12
82	Clinical guidance on the contemporary use of proprotein convertase subtilisin/kexin type 9 monoclonal antibodies. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 52-62.	4.4	10
83	Circulating Memory B Cells in Early Multiple Sclerosis Exhibit Increased IgA+ Cells, Globally Decreased BAFF-R Expression and an EBV-Related IgM+ Cell Signature. <i>Frontiers in Immunology</i> , 2022, 13, 812317.	4.8	10
84	Lipoprotein (a) and Hypertension. <i>Current Hypertension Reports</i> , 2021, 23, 44.	3.5	10
85	Nitration of Î³-tocopherol prevents its oxidative metabolism by HepG2 cells. <i>Free Radical Biology and Medicine</i> , 2005, 39, 483-494.	2.9	9
86	A Tale of Two New Targets for Hypertriglyceridaemia: Which Choice of Therapy?. <i>BioDrugs</i> , 2022, 36, 121-135.	4.6	9
87	PCSK9 inhibition 2018: riding a new wave of coronary prevention. <i>Clinical Science</i> , 2019, 133, 205-224.	4.3	8
88	Long-Term Dietary Nitrate Supplementation Does Not Prevent Development of the Metabolic Syndrome in Mice Fed a High-Fat Diet. <i>International Journal of Endocrinology</i> , 2018, 2018, 1-8.	1.5	7
89	Extrinsic and Intrinsic Responses in the Development and Progression of Atherosclerosis. <i>Heart Lung and Circulation</i> , 2021, 30, 807-816.	0.4	7
90	Beneficial effects of inorganic nitrate in non-alcoholic fatty liver disease. <i>Archives of Biochemistry and Biophysics</i> , 2021, 711, 109032.	3.0	7

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91	Anti-inflammatory effect of rosuvastatin in patients with HIV infection: An FDG-PET pilot study. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 3057-3068.	2.1	7
92	Homocysteine predicts vascular target organ damage in hypertension and may serve as guidance for first-line antihypertensive therapy. <i>Journal of Clinical Hypertension</i> , 2021, 23, 1380-1389.	2.0	5
93	Reduced mitochondrial translation prevents diet-induced metabolic dysfunction but not inflammation. <i>Aging</i> , 2020, 12, 19677-19700.	3.1	5
94	The Influence of Hypertensive Therapies on Circulating Factors: Clinical Implications for SCFAs, FGF21, TNFSF14 and TNF- α . <i>Journal of Clinical Medicine</i> , 2020, 9, 2764.	2.4	4
95	A common genetic variant of a mitochondrial RNA processing enzyme predisposes to insulin resistance. <i>Science Advances</i> , 2021, 7, eabi7514.	10.3	4
96	Renal denervation alters ambulatory blood pressure-derived salt sensitivity index in patients with uncontrolled hypertension. <i>Journal of Hypertension</i> , 2022, 40, 570-578.	0.5	3
97	Chronic nitrite treatment activates adenosine monophosphate-activated protein kinase-endothelial nitric oxide synthase pathway in human aortic endothelial cells. <i>Journal of Functional Foods</i> , 2021, 80, 104447.	3.4	2
98	Cardiac Transplantation in HIV-Positive Patients: A Narrative Review. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2021, 87, 763-768.	2.1	2
99	Reply to OM Shannon et al. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 1353-1354.	4.7	1
100	PCSK9 monoclonal antibody on a knife-edge: An article of faith in FH?. <i>Journal of Clinical Lipidology</i> , 2018, 12, 844-848.	1.5	1
101	A compass for navigating the perils of hypertriglyceridaemia. <i>Lancet Diabetes and Endocrinology</i> , 2021, 9, 248-249.	11.4	1
102	What's new on therapies for elevated lipoprotein(a). <i>Expert Review of Clinical Pharmacology</i> , 2019, 12, 495-499.	3.1	0
103	Renal denervation as a management strategy for hypertension: current evidence and recommendations. <i>Expert Review of Cardiovascular Therapy</i> , 2021, 19, 825-835.	1.5	0
104	Sodium glucose co-transporter 2 inhibition reduces succinate levels in diabetic mice. <i>World Journal of Gastroenterology</i> , 2020, 26, 3225-3235.	3.3	0
105	Emerging Therapies for Regulating Dyslipidaemias and Atherosclerosis. <i>Contemporary Cardiology</i> , 2021, , 615-636.	0.1	0