Anne E Barden

List of Publications by Year
in descending order

65 papers	2,527 citations	172457 29 h-index	197818 49 g-index
65 all docs	65 docs citations	65 times ranked	3288 citing authors

#	Article	IF	Citations
1	Identifying young adults at high risk of cardiometabolic disease using cluster analysis and the Framingham 30-yr risk score. Nutrition, Metabolism and Cardiovascular Diseases, 2022, 32, 429-435.	2.6	4
2	Dietary habits in Australian, New Zealand and Malaysian patients with end stage kidney failure: A preâ€specified crossâ€sectional study of the FAVOURED trial participants. Journal of Human Nutrition and Dietetics, 2022, 35, 1178-1191.	2.5	0
3	Increased inspired oxygen concentration does not adversely affect oxidative stress and the resolution of inflammation during reperfusion in patients undergoing knee replacement surgery. Free Radical Research, 2021, 55, 131-140.	3.3	2
4	A randomised controlled trial of succinylated gelatin (4%) fluid on urinary acute kidney injury biomarkers in cardiac surgical patients. Intensive Care Medicine Experimental, 2021, 9, 48.	1.9	5
5	The effects of perioperative dexamethasone on eicosanoids and mediators of inflammation resolution: A sub-study of the PADDAG trial. Prostaglandins Leukotrienes and Essential Fatty Acids, 2021, 173, 102334.	2.2	4
6	Effects of antiemetic doses of dexamethasone on plasma mediators of inflammation resolution and pain after surgery in women. Prostaglandins and Other Lipid Mediators, 2020, 149, 106427.	1.9	7
7	Altered SPMs and ageâ€associated decrease in brain DHA inAPOE4female mice. FASEB Journal, 2019, 33, 10315-10326.	0.5	19
8	Alcohol and Hypertensionâ€”New Insights and Lingering Controversies. Current Hypertension Reports, 2019, 21, 79.	3.5	51
9	Evaluation of biomarkers of kidney injury following 4% succinylated gelatin and 6% hydroxyethyl starch 130/0.4 administration in a canine hemorrhagic shock model. Journal of Veterinary Emergency and Critical Care, 2019, 29, 132-142.	1.1	39
10	GC-MS Analysis of Lipid Oxidation Products in Blood, Urine, and Tissue Samples. Methods in Molecular Biology, 2018, 1730, 283-292.	0.9	5
11	The effects of alcohol on plasma lipid mediators of inflammation resolution in patients with Type 2 diabetes mellitus. Prostaglandins Leukotrienes and Essential Fatty Acids, 2018, 133, 29-34.	2.2	27
12	The effect of n-3 fatty acids and coenzyme Q10 supplementation on neutrophil leukotrienes, mediators of inflammation resolution and myeloperoxidase in chronic kidney disease. Prostaglandins and Other Lipid Mediators, 2018, 136, 1-8.	1.9	41
13	Antiemetic doses of dexamethasone and their effects on immune cell populations and plasma mediators of inflammation resolution in healthy volunteers. Prostaglandins Leukotrienes and Essential Fatty Acids, 2018, 139, 31-39.	2.2	18
14	A Randomized Trial of Effects of Alcohol on Cytochrome P450 Eicosanoids, Mediators of Inflammation Resolution, and Blood Pressure in Men. Alcoholism: Clinical and Experimental Research, 2017, 41, 1666-1674.	2.4	14
15	Effects of prenatal n-3 fatty acid supplementation on offspring resolvins at birth and 12 years of age: a double-blind, randomised controlled clinical trial. British Journal of Nutrition, 2017, 118, 971-980.	2.3	30
16	Hyperbaric oxygen therapy is not associated with oxidative stress assessed using plasma F2-isoprostanes and isofurans. Prostaglandins Leukotrienes and Essential Fatty Acids, 2017, 127, 16-19.	2.2	11
17	Does Furosemide Increase Oxidative Stress in Acute Kidney Injury?. Antioxidants and Redox Signaling, 2017, 26, 221-226.	5.4	25
18	n-3 Fatty Acid Supplementation and Leukocyte Telomere Length in Patients with Chronic Kidney Disease. Nutrients, 2016, 8, 175.	4.1	32

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19	n-3 Fatty acid supplementation and proresolving mediators of inflammation. Current Opinion in Lipidology, 2016, 27, 26-32.	2.7	61
20	Specialised pro-resolving mediators of inflammation in inflammatory arthritis. Prostaglandins Leukotrienes and Essential Fatty Acids, 2016, 107, 24-29.	2.2	100
21	Controlled moderate hypovolaemia in healthy volunteers is not associated with the development of oxidative stress assessed by plasma F2-isoprostanes and isofurans. Prostaglandins and Other Lipid Mediators, 2016, 124, 34-38.	1.9	1
22	F₂-Isoprostanes in HDL are bound to neutral lipids and phospholipids. Free Radical Research, 2016, 50, 1374-1385.	3.3	8
23	A randomized controlled trial of the effects of n-3 fatty acids on resolvins in chronic kidney disease. Clinical Nutrition, 2016, 35, 331-336.	5.0	55
24	n-3 fatty acids reduce plasma 20-hydroxyeicosatetraenoic acid and blood pressure in patients with chronic kidney disease. Journal of Hypertension, 2015, 33, 1947-1953.	0.5	23
25	Specialized proresolving lipid mediators in humans with the metabolic syndrome after nâ€“3 fatty acids and aspirin. American Journal of Clinical Nutrition, 2015, 102, 1357-1364.	4.7	40
26	Effects of maternal n-3 fatty acid supplementation on placental cytokines, pro-resolving lipid mediators and their precursors. Reproduction, 2015, 149, 171-178.	2.6	76
27	Short-term n-3 fatty acid supplementation but not aspirin increases plasma proresolving mediators of inflammation. Journal of Lipid Research, 2014, 55, 2401-2407.	4.2	76
28	The effect of a single nucleotide polymorphism of the CYP4F2 gene on blood pressure and 20-hydroxyeicosatetraenoic acid excretion after weight loss. Journal of Hypertension, 2014, 32, 1495-1502.	0.5	14
29	Isoprostanes and neuroprostanes: Total synthesis, biological activity and biomarkers of oxidative stress in humans. Prostaglandins and Other Lipid Mediators, 2013, 107, 95-102.	1.9	72
30	Acute effects of red wine on cytochrome P450 eicosanoids and blood pressure in men. Journal of Hypertension, 2013, 31, 2195-2202.	0.5	20
31	Maternal dietary omega-3 fatty acid intake increases resolvin and protectin levels in the rat placenta. Journal of Lipid Research, 2013, 54, 2247-2254.	4.2	53
32	Is There a Role for Isofurans and Neuroprostanes in Pre-Eclampsia and Normal Pregnancy?. Antioxidants and Redox Signaling, 2012, 16, 165-169.	5.4	27
33	Resolvins D1, D2, and Other Mediators of Self-Limited Resolution of Inflammation in Human Blood following n-3 Fatty Acid Supplementation. Clinical Chemistry, 2012, 58, 1476-1484.	3.2	241
34	The effects of oxidation products of arachidonic acid and n3 fatty acids on vascular and platelet function. Free Radical Research, 2011, 45, 469-476.	3.3	24
35	Cytochrome P450 metabolites of arachidonic acid are elevated in stroke patients compared with healthy controls. Clinical Science, 2011, 121, 501-507.	4.3	65
36	Effects of spinal or general anesthesia on F2-isoprostanes and isofurans during ischemia/reperfusion of the leg in patients undergoing knee replacement surgery. Free Radical Biology and Medicine, 2011, 50, 1171-1176.	2.9	29

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37	Hemoglobin attenuates the effects of inspired oxygen on plasma isofurans in humans during upper-limb surgery. Free Radical Biology and Medicine, 2011, 51, 1235-1239.	2.9	10
38	Are Isofurans and Neuroprostanes Increased After Subarachnoid Hemorrhage and Traumatic Brain Injury?. Antioxidants and Redox Signaling, 2011, 15, 2663-2667.	5.4	38
39	A significant proportion of F2-isoprostanes in human urine are excreted as glucuronide conjugates. Analytical Biochemistry, 2010, 403, 126-128.	2.4	43
40	The Effects of a Lupin-Enriched Diet on Oxidative Stress and Factors Influencing Vascular Function in Overweight Subjects. Antioxidants and Redox Signaling, 2010, 13, 1517-1524.	5.4	16
41	Measurement of urinary F2-isoprostanes by gas chromatography-mass spectrometry is confounded by interfering substances. Free Radical Research, 2010, 44, 191-198.	3.3	12
42	Flaxseed Oil Supplementation Increases Plasma F1-Phytoprostanes in Healthy Men ,. Journal of Nutrition, 2009, 139, 1890-1895.	2.9	60
43	Inhibition of 20-Hydroxyeicosatetraenoic Acid Synthesis Using Specific Plant Lignans. Hypertension, 2009, 54, 1151-1158.	2.7	33
44	20-HETE and F2-isoprostanes in the metabolic syndrome: the effect of weight reduction. Free Radical Biology and Medicine, 2009, 46, 263-270.	2.9	69
45	A reduction in alcohol consumption is associated with reduced plasma F2-isoprostanes and urinary 20-HETE excretion in men. Free Radical Biology and Medicine, 2007, 42, 1730-1735.	2.9	41
46	n â˜’ 3 Fatty acid supplementation during pregnancy in women with allergic disease: effects on blood pressure, and maternal and fetal lipids. Clinical Science, 2006, 111, 289-294.	4.3	20
47	PREâ€ECLAMPSIA: CONTRIBUTION OF MATERNAL CONSTITUTIONAL FACTORS AND THE CONSEQUENCES FOR CARDIOVASCULAR HEALTH. Clinical and Experimental Pharmacology and Physiology, 2006, 33, 826-830.	1.9	32
48	Red Wine and Beer Elevate Blood Pressure in Normotensive Men. Hypertension, 2005, 45, 874-879.	2.7	143
49	Fish Oil Supplementation in Pregnancy Lowers F2-isoprostanes in Neonates at High Risk of Atopy. Free Radical Research, 2004, 38, 233-239.	3.3	86
50	Factors predisposing to pre-eclampsia in women with gestational diabetes. Journal of Hypertension, 2004, 22, 2371-2378.	0.5	60
51	Effects of purified eicosapentaenoic acid and docosahexaenoic acid on platelet, fibrinolytic and vascular function in hypertensive type 2 diabetic patients. Atherosclerosis, 2003, 166, 85-93.	0.8	172
52	Alleles of the KIR2DL4 receptor and their lack of association with pre-eclampsia. European Journal of Immunology, 2002, 32, 18.	2.9	7
53	Study of Plasma Factors Associated With Neutrophil Activation and Lipid Peroxidation in Preeclampsia. Hypertension, 2001, 38, 803-808.	2.7	79
54	Circulating markers of oxidative stress are raised in normal pregnancy and pre-eclampsia. BJOG: an International Journal of Obstetrics and Gynaecology, 1999, 106, 1232-1232.	2.3	3

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55	Is proteinuric pre-eclampsia a different disease in primigravida and multigravida?. Clinical Science, 1999, 97, 475-483.	4.3	16
56	Does a predisposition to the metabolic syndrome sensitize women to develop pre-eclampsia?. Journal of Hypertension, 1999, 17, 1307-1315.	0.5	82
57	Relationships Between Plasma Endothelin 1 And Prostacyclin in Normal and Preeclamptic Pregnancy. Hypertension in Pregnancy, 1996, 15, 25-38.	1.1	9
58	Plasma Lipids and Plasma and Urinary Acetyl Hydrolase Activity in Normal and Hypertensive Pregnancies. Hypertension in Pregnancy, 1996, 15, 75-86.	1.1	8
59	Plasma and Urinary 8-iso-Prostane as An Indicator of Lipid Peroxidation in Pre-Eclampsia and Normal Pregnancy. Clinical Science, 1996, 91, 711-718.	4.3	127
60	EFFECT OF DIETARY FISH OILS ON THE FORMATION OF LEUKOTRIENE B4AND B5, THROMBOXANE AND PLATELET ACTIVATING FACTOR BY RAT LEUKOCYTES. Clinical and Experimental Pharmacology and Physiology, 1988, 15, 517-525.	1.9	18
61	Effect of potassium supplementation on blood pressure and vasodilator mechanisms in spontaneously hypertensive rats. Clinical Science, 1988, 75, 527-534.	4.3	20
62	INCREASED RENAL PROSTANOID SYNTHESIS AFTER UNCLIPPING THE ONE-KIDNEY, ONE-CLIP HYPERTENSIVE RAT: EFFECT OF RENAL DENERVATION. Clinical and Experimental Pharmacology and Physiology, 1985, 12, 253-256.	1.9	0
63	ROLE OF PROSTAGLANDINS DURING REVERSAL OF ONE-KIDNEY, ONE-CLIP HYPERTENSION IN THE RAT. Clinical and Experimental Pharmacology and Physiology, 1984, 11, 391-394.	1.9	0
64	Frusemide releases renin in the rat kidney when prostacyclin synthesis is suppressed. British Journal of Pharmacology, 1984, 82, 493-499.	5.4	4
65	EFFECT OF ?-ADRENORECEPTOR BLOCKADE ON THE RENIN RESPONSE TO ACUTE NATRIURESIS. Clinical and Experimental Pharmacology and Physiology, 1980, 7, 579-582.	1.9	0