

Anne E Barden

List of Publications by Year in descending order

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65
papers

2,527
citations

172457

29
h-index

197818

49
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65
all docs

65
docs citations

65
times ranked

3288
citing authors

#	ARTICLE	IF	CITATIONS
1	Resolvins D1, D2, and Other Mediators of Self-Limited Resolution of Inflammation in Human Blood following n-3 Fatty Acid Supplementation. <i>Clinical Chemistry</i> , 2012, 58, 1476-1484.	3.2	241
2	Effects of purified eicosapentaenoic acid and docosahexaenoic acid on platelet, fibrinolytic and vascular function in hypertensive type 2 diabetic patients. <i>Atherosclerosis</i> , 2003, 166, 85-93.	0.8	172
3	Red Wine and Beer Elevate Blood Pressure in Normotensive Men. <i>Hypertension</i> , 2005, 45, 874-879.	2.7	143
4	Plasma and Urinary 8-iso-Prostane as An Indicator of Lipid Peroxidation in Pre-Eclampsia and Normal Pregnancy. <i>Clinical Science</i> , 1996, 91, 711-718.	4.3	127
5	Specialised pro-resolving mediators of inflammation in inflammatory arthritis. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2016, 107, 24-29.	2.2	100
6	Fish Oil Supplementation in Pregnancy Lowers F2-isoprostanes in Neonates at High Risk of Atopy. <i>Free Radical Research</i> , 2004, 38, 233-239.	3.3	86
7	Does a predisposition to the metabolic syndrome sensitize women to develop pre-eclampsia?. <i>Journal of Hypertension</i> , 1999, 17, 1307-1315.	0.5	82
8	Study of Plasma Factors Associated With Neutrophil Activation and Lipid Peroxidation in Preeclampsia. <i>Hypertension</i> , 2001, 38, 803-808.	2.7	79
9	Short-term n-3 fatty acid supplementation but not aspirin increases plasma proresolving mediators of inflammation. <i>Journal of Lipid Research</i> , 2014, 55, 2401-2407.	4.2	76
10	Effects of maternal n-3 fatty acid supplementation on placental cytokines, pro-resolving lipid mediators and their precursors. <i>Reproduction</i> , 2015, 149, 171-178.	2.6	76
11	Isoprostanes and neuroprostanes: Total synthesis, biological activity and biomarkers of oxidative stress in humans. <i>Prostaglandins and Other Lipid Mediators</i> , 2013, 107, 95-102.	1.9	72
12	20-HETE and F2-isoprostanes in the metabolic syndrome: the effect of weight reduction. <i>Free Radical Biology and Medicine</i> , 2009, 46, 263-270.	2.9	69
13	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
14	n-3 Fatty acid supplementation and proresolving mediators of inflammation. <i>Current Opinion in Lipidology</i> , 2016, 27, 26-32.	2.7	61
15	Factors predisposing to pre-eclampsia in women with gestational diabetes. <i>Journal of Hypertension</i> , 2004, 22, 2371-2378.	0.5	60
16	Flaxseed Oil Supplementation Increases Plasma F1-Phytosterols in Healthy Men. <i>Journal of Nutrition</i> , 2009, 139, 1890-1895.	2.9	60
17	A randomized controlled trial of the effects of n-3 fatty acids on resolvins in chronic kidney disease. <i>Clinical Nutrition</i> , 2016, 35, 331-336.	5.0	55
18	Maternal dietary omega-3 fatty acid intake increases resolvins and protectin levels in the rat placenta. <i>Journal of Lipid Research</i> , 2013, 54, 2247-2254.	4.2	53

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19	Alcohol and Hypertension—New Insights and Lingering Controversies. <i>Current Hypertension Reports</i> , 2019, 21, 79.	3.5	51
20	A significant proportion of F2-isoprostanes in human urine are excreted as glucuronide conjugates. <i>Analytical Biochemistry</i> , 2010, 403, 126-128.	2.4	43
21	A reduction in alcohol consumption is associated with reduced plasma F2-isoprostanes and urinary 20-HETE excretion in men. <i>Free Radical Biology and Medicine</i> , 2007, 42, 1730-1735.	2.9	41
22	The effect of n-3 fatty acids and coenzyme Q10 supplementation on neutrophil leukotrienes, mediators of inflammation resolution and myeloperoxidase in chronic kidney disease. <i>Prostaglandins and Other Lipid Mediators</i> , 2018, 136, 1-8.	1.9	41
23	Specialized proresolving lipid mediators in humans with the metabolic syndrome after n-3 fatty acids and aspirin. <i>American Journal of Clinical Nutrition</i> , 2015, 102, 1357-1364.	4.7	40
24	Evaluation of biomarkers of kidney injury following 4% succinylated gelatin and 6% hydroxyethyl starch 130/0.4 administration in a canine hemorrhagic shock model. <i>Journal of Veterinary Emergency and Critical Care</i> , 2019, 29, 132-142.	1.1	39
25	Are Isoprostanes and Neuroprostanes Increased After Subarachnoid Hemorrhage and Traumatic Brain Injury?. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 2663-2667.	5.4	38
26	Inhibition of 20-Hydroxyeicosatetraenoic Acid Synthesis Using Specific Plant Lignans. <i>Hypertension</i> , 2009, 54, 1151-1158.	2.7	33
27	PRE-ECLAMPSIA: CONTRIBUTION OF MATERNAL CONSTITUTIONAL FACTORS AND THE CONSEQUENCES FOR CARDIOVASCULAR HEALTH. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2006, 33, 826-830.	1.9	32
28	n-3 Fatty Acid Supplementation and Leukocyte Telomere Length in Patients with Chronic Kidney Disease. <i>Nutrients</i> , 2016, 8, 175.	4.1	32
29	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. <i>British Journal of Nutrition</i> , 2017, 118, 971-980.	2.3	30
30	Effects of spinal or general anesthesia on F2-isoprostanes and isoprostanes during ischemia/reperfusion of the leg in patients undergoing knee replacement surgery. <i>Free Radical Biology and Medicine</i> , 2011, 50, 1171-1176.	2.9	29
31	Is There a Role for Isoprostanes and Neuroprostanes in Pre-Eclampsia and Normal Pregnancy?. <i>Antioxidants and Redox Signaling</i> , 2012, 16, 165-169.	5.4	27
32	The effects of alcohol on plasma lipid mediators of inflammation resolution in patients with Type 2 diabetes mellitus. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2018, 133, 29-34.	2.2	27
33	Does Furosemide Increase Oxidative Stress in Acute Kidney Injury?. <i>Antioxidants and Redox Signaling</i> , 2017, 26, 221-226.	5.4	25
34	The effects of oxidation products of arachidonic acid and n3 fatty acids on vascular and platelet function. <i>Free Radical Research</i> , 2011, 45, 469-476.	3.3	24
35	n-3 fatty acids reduce plasma 20-hydroxyeicosatetraenoic acid and blood pressure in patients with chronic kidney disease. <i>Journal of Hypertension</i> , 2015, 33, 1947-1953.	0.5	23
36	Effect of potassium supplementation on blood pressure and vasodilator mechanisms in spontaneously hypertensive rats. <i>Clinical Science</i> , 1988, 75, 527-534.	4.3	20

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37	n ³ Fatty acid supplementation during pregnancy in women with allergic disease: effects on blood pressure, and maternal and fetal lipids. <i>Clinical Science</i> , 2006, 111, 289-294.	4.3	20
38	Acute effects of red wine on cytochrome P450 eicosanoids and blood pressure in men. <i>Journal of Hypertension</i> , 2013, 31, 2195-2202.	0.5	20
39	Altered SPMs and age-associated decrease in brain DHA in APOE4 female mice. <i>FASEB Journal</i> , 2019, 33, 10315-10326.	0.5	19
40	EFFECT OF DIETARY FISH OILS ON THE FORMATION OF LEUKOTRIENE B4 AND B5, THROMBOXANE AND PLATELET ACTIVATING FACTOR BY RAT LEUKOCYTES. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1988, 15, 517-525.	1.9	18
41	Antiemetic doses of dexamethasone and their effects on immune cell populations and plasma mediators of inflammation resolution in healthy volunteers. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2018, 139, 31-39.	2.2	18
42	Is proteinuric pre-eclampsia a different disease in primigravida and multigravida?. <i>Clinical Science</i> , 1999, 97, 475-483.	4.3	16
43	The Effects of a Lupin-Enriched Diet on Oxidative Stress and Factors Influencing Vascular Function in Overweight Subjects. <i>Antioxidants and Redox Signaling</i> , 2010, 13, 1517-1524.	5.4	16
44	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
45	A Randomized Trial of Effects of Alcohol on Cytochrome P450 Eicosanoids, Mediators of Inflammation Resolution, and Blood Pressure in Men. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 1666-1674.	2.4	14
46	Measurement of urinary F2-isoprostanes by gas chromatography-mass spectrometry is confounded by interfering substances. <i>Free Radical Research</i> , 2010, 44, 191-198.	3.3	12
47	Hyperbaric oxygen therapy is not associated with oxidative stress assessed using plasma F2-isoprostanes and isofurans. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2017, 127, 16-19.	2.2	11
48	Hemoglobin attenuates the effects of inspired oxygen on plasma isofurans in humans during upper-limb surgery. <i>Free Radical Biology and Medicine</i> , 2011, 51, 1235-1239.	2.9	10
49	Relationships Between Plasma Endothelin 1 And Prostacyclin in Normal and Preeclamptic Pregnancy. <i>Hypertension in Pregnancy</i> , 1996, 15, 25-38.	1.1	9
50	Plasma Lipids and Plasma and Urinary Acetyl Hydrolase Activity in Normal and Hypertensive Pregnancies. <i>Hypertension in Pregnancy</i> , 1996, 15, 75-86.	1.1	8
51	F ₂ -Isoprostanes in HDL are bound to neutral lipids and phospholipids. <i>Free Radical Research</i> , 2016, 50, 1374-1385.	3.3	8
52	Effects of antiemetic doses of dexamethasone on plasma mediators of inflammation resolution and pain after surgery in women. <i>Prostaglandins and Other Lipid Mediators</i> , 2020, 149, 106427.	1.9	7
53	Alleles of the KIR2DL4 receptor and their lack of association with pre-eclampsia. <i>European Journal of Immunology</i> , 2002, 32, 18.	2.9	7
54	GC-MS Analysis of Lipid Oxidation Products in Blood, Urine, and Tissue Samples. <i>Methods in Molecular Biology</i> , 2018, 1730, 283-292.	0.9	5

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55	A randomised controlled trial of succinylated gelatin (4%) fluid on urinary acute kidney injury biomarkers in cardiac surgical patients. <i>Intensive Care Medicine Experimental</i> , 2021, 9, 48.	1.9	5
56	Furosemide releases renin in the rat kidney when prostacyclin synthesis is suppressed. <i>British Journal of Pharmacology</i> , 1984, 82, 493-499.	5.4	4
57	The effects of perioperative dexamethasone on eicosanoids and mediators of inflammation resolution: A sub-study of the PADDAG trial. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2021, 173, 102334.	2.2	4
58	Identifying young adults at high risk of cardiometabolic disease using cluster analysis and the Framingham 30-yr risk score. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2022, 32, 429-435.	2.6	4
59	Circulating markers of oxidative stress are raised in normal pregnancy and pre-eclampsia. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 1999, 106, 1232-1232.	2.3	3
60	Increased inspired oxygen concentration does not adversely affect oxidative stress and the resolution of inflammation during reperfusion in patients undergoing knee replacement surgery. <i>Free Radical Research</i> , 2021, 55, 131-140.	3.3	2
61	Controlled moderate hypovolaemia in healthy volunteers is not associated with the development of oxidative stress assessed by plasma F2-isoprostanes and isofurans. <i>Prostaglandins and Other Lipid Mediators</i> , 2016, 124, 34-38.	1.9	1
62	EFFECT OF β -ADRENORECEPTOR BLOCKADE ON THE RENIN RESPONSE TO ACUTE NATRIURESIS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1980, 7, 579-582.	1.9	0
63	ROLE OF PROSTAGLANDINS DURING REVERSAL OF ONE-KIDNEY, ONE-CLIP HYPERTENSION IN THE RAT. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1984, 11, 391-394.	1.9	0
64	INCREASED RENAL PROSTANOID SYNTHESIS AFTER UNCLIPPING THE ONE-KIDNEY, ONE-CLIP HYPERTENSIVE RAT: EFFECT OF RENAL DENERVATION. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1985, 12, 253-256.	1.9	0
65	Dietary habits in Australian, New Zealand and Malaysian patients with end stage kidney failure: A pre-specified cross-sectional study of the FAVOURED trial participants. <i>Journal of Human Nutrition and Dietetics</i> , 2022, 35, 1178-1191.	2.5	0