

Bronwyn A Kingwell

List of Publications by Year in descending order

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169
papers

14,163
citations

16411

64
h-index

21474

114
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172
all docs

172
docs citations

172
times ranked

18180
citing authors

#	ARTICLE	IF	CITATIONS
1	Breaking Up Prolonged Sitting Reduces Postprandial Glucose and Insulin Responses. <i>Diabetes Care</i> , 2012, 35, 976-983.	4.3	952
2	Pulse pressure—a review of mechanisms and clinical relevance. <i>Journal of the American College of Cardiology</i> , 2001, 37, 975-984.	1.2	678
3	HSP72 protects against obesity-induced insulin resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 1739-1744.	3.3	477
4	High-Density Lipoprotein Modulates Glucose Metabolism in Patients With Type 2 Diabetes Mellitus. <i>Circulation</i> , 2009, 119, 2103-2111.	1.6	363
5	Intensive cholesterol reduction lowers blood pressure and large artery stiffness in isolated systolic hypertension. <i>Journal of the American College of Cardiology</i> , 2002, 39, 1020-1025.	1.2	290
6	HDL-targeted therapies: progress, failures and future. <i>Nature Reviews Drug Discovery</i> , 2014, 13, 445-464.	21.5	289
7	Variations in Endothelial Function and Arterial Compliance during the Menstrual Cycle. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001, 86, 5389-5395.	1.8	281
8	Benefits for Type 2 Diabetes of Interrupting Prolonged Sitting With Brief Bouts of Light Walking or Simple Resistance Activities. <i>Diabetes Care</i> , 2016, 39, 964-972.	4.3	273
9	Gender, sex hormones and autonomic nervous control of the cardiovascular system. <i>Cardiovascular Research</i> , 2002, 53, 678-687.	1.8	270
10	Plasma Lipidomic Analysis of Stable and Unstable Coronary Artery Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 2723-2732.	1.1	265
11	Hormonal Therapy Increases Arterial Compliance in Postmenopausal Women. <i>Journal of the American College of Cardiology</i> , 1997, 30, 350-356.	1.2	252
12	Ceramides Contained in LDL Are Elevated in Type 2 Diabetes and Promote Inflammation and Skeletal Muscle Insulin Resistance. <i>Diabetes</i> , 2013, 62, 401-410.	0.3	240
13	Large artery stiffness predicts ischemic threshold in patients with coronary artery disease. <i>Journal of the American College of Cardiology</i> , 2002, 40, 773-779.	1.2	234
14	Nitric oxide-mediated metabolic regulation during exercise: effects of training in health and cardiovascular disease. <i>FASEB Journal</i> , 2000, 14, 1685-1696.	0.2	224
15	The emerging role of HDL in glucose metabolism. <i>Nature Reviews Endocrinology</i> , 2012, 8, 237-245.	4.3	214
16	Muscular Strength Training Is Associated With Low Arterial Compliance and High Pulse Pressure. <i>Hypertension</i> , 1999, 33, 1385-1391.	1.3	211
17	Blocking IL-6 trans-Signaling Prevents High-Fat Diet-Induced Adipose Tissue Macrophage Recruitment but Does Not Improve Insulin Resistance. <i>Cell Metabolism</i> , 2015, 21, 403-416.	7.2	208
18	Plasma Lipidomic Profiles Improve on Traditional Risk Factors for the Prediction of Cardiovascular Events in Type 2 Diabetes Mellitus. <i>Circulation</i> , 2016, 134, 1637-1650.	1.6	205

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19	Fetuin B Is a Secreted Hepatocyte Factor Linking Steatosis to Impaired Glucose Metabolism. <i>Cell Metabolism</i> , 2015, 22, 1078-1089.	7.2	192
20	Reconstituted High-Density Lipoprotein Increases Plasma High-Density Lipoprotein Anti-Inflammatory Properties and Cholesterol Efflux Capacity in Patients With Type 2 Diabetes. <i>Journal of the American College of Cardiology</i> , 2009, 53, 962-971.	1.2	181
21	Carotid Pressure Is a Better Predictor of Coronary Artery Disease Severity Than Brachial Pressure. <i>Hypertension</i> , 2001, 38, 927-931.	1.3	175
22	Brachial Blood Pressure But Not Carotid Arterial Waveforms Predict Cardiovascular Events in Elderly Female Hypertensives. <i>Hypertension</i> , 2006, 47, 785-790.	1.3	174
23	Reconstituted High-Density Lipoprotein Attenuates Platelet Function in Individuals With Type 2 Diabetes Mellitus by Promoting Cholesterol Efflux. <i>Circulation</i> , 2009, 120, 2095-2104.	1.6	167
24	Matrix Metalloproteinase-3 Genotype Contributes to Age-Related Aortic Stiffening Through Modulation of Gene and Protein Expression. <i>Circulation Research</i> , 2003, 92, 1254-1261.	2.0	165
25	Breaking up workplace sitting time with intermittent standing bouts improves fatigue and musculoskeletal discomfort in overweight/obese office workers. <i>Occupational and Environmental Medicine</i> , 2014, 71, 765-771.	1.3	161
26	Alternating Bouts of Sitting and Standing Attenuate Postprandial Glucose Responses. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 2053-2061.	0.2	160
27	Role of IL-6 in Exercise Training- and Cold-Induced UCP1 Expression in Subcutaneous White Adipose Tissue. <i>PLoS ONE</i> , 2014, 9, e84910.	1.1	158
28	Gender Differences in Large Artery Stiffness Pre- and Post Puberty. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 5375-5380.	1.8	154
29	Sex Steroids Modulate Human Aortic Smooth Muscle Cell Matrix Protein Deposition and Matrix Metalloproteinase Expression. <i>Hypertension</i> , 2005, 46, 1129-1134.	1.3	153
30	Aerobic Exercise Training Does Not Modify Large-Artery Compliance in Isolated Systolic Hypertension. <i>Hypertension</i> , 2001, 38, 222-226.	1.3	152
31	High-density lipoprotein and apolipoprotein AI increase endothelial NO synthase activity by protein association and multisite phosphorylation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 6999-7004.	3.3	152
32	Type 2 Diabetic Individuals Have Impaired Leg Blood Flow Responses to Exercise: Role of endothelium-dependent vasodilation. <i>Diabetes Care</i> , 2003, 26, 899-904.	4.3	149
33	Relation Between Coronary Artery Disease, Aortic Stiffness, and Left Ventricular Structure in a Population Sample. <i>Hypertension</i> , 1998, 32, 575-578.	1.3	148
34	Plasma Sphingosine-1-Phosphate Is Elevated in Obesity. <i>PLoS ONE</i> , 2013, 8, e72449.	1.1	139
35	Advanced Glycation End Products Are Direct Modulators of β^2 -Cell Function. <i>Diabetes</i> , 2011, 60, 2523-2532.	0.3	135
36	Nitric Oxide Synthase Inhibition Reduces Glucose Uptake During Exercise in Individuals With Type 2 Diabetes More Than in Control Subjects. <i>Diabetes</i> , 2002, 51, 2572-2580.	0.3	132

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37	Matrix Metalloproteinase-9 Genotype Influences Large Artery Stiffness Through Effects on Aortic Gene and Protein Expression. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 1479-1484.	1.1	126
38	Sitting Less and Moving More: Improved Glycaemic Control for Type 2 Diabetes Prevention and Management. <i>Current Diabetes Reports</i> , 2016, 16, 114.	1.7	125
39	Exploring Motivation and Barriers to Physical Activity among Active and Inactive Australian Adults. <i>Sports</i> , 2017, 5, 47.	0.7	125
40	Assessment of central and peripheral arterial stiffness Studies indicating the need to use a combination of techniques. <i>American Journal of Hypertension</i> , 2005, 18, 249-260.	1.0	123
41	Effects of breaking up prolonged sitting on skeletal muscle gene expression. <i>Journal of Applied Physiology</i> , 2013, 114, 453-460.	1.2	115
42	Exercise Training Increases Basal Nitric Oxide Production From the Forearm in Hypercholesterolemic Patients. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1999, 19, 2782-2787.	1.1	111
43	Phosphoinositide 3-kinase as a novel functional target for the regulation of the insulin signaling pathway by SIRT1. <i>Molecular and Cellular Endocrinology</i> , 2011, 335, 166-176.	1.6	109
44	Sedentary Behavior and Public Health: Integrating the Evidence and Identifying Potential Solutions. <i>Annual Review of Public Health</i> , 2020, 41, 265-287.	7.6	103
45	Targeted reduction of advanced glycation improves renal function in obesity. <i>Kidney International</i> , 2011, 80, 190-198.	2.6	102
46	Interrupting prolonged sitting with brief bouts of light walking or simple resistance activities reduces resting blood pressure and plasma noradrenaline in type 2 diabetes. <i>Journal of Hypertension</i> , 2016, 34, 2376-2382.	0.3	101
47	Diet low in advanced glycation end products increases insulin sensitivity in healthy overweight individuals: a double-blind, randomized, crossover trial. <i>American Journal of Clinical Nutrition</i> , 2016, 103, 1426-1433.	2.2	101
48	Deletion of macrophage migration inhibitory factor protects the heart from severe ischemia-reperfusion injury: A predominant role of anti-inflammation. <i>Journal of Molecular and Cellular Cardiology</i> , 2011, 50, 991-999.	0.9	99
49	Clinical applications of arterial stiffness: therapeutics and pharmacology. <i>American Journal of Hypertension</i> , 2002, 15, 453-458.	1.0	95
50	Frequent interruptions of sedentary time modulates contraction- and insulin-stimulated glucose uptake pathways in muscle: Ancillary analysis from randomized clinical trials. <i>Scientific Reports</i> , 2016, 6, 32044.	1.6	89
51	Sitting Less and Moving More. <i>Hypertension</i> , 2018, 72, 1037-1046.	1.3	85
52	Diurnal Variation in Endothelium-Dependent Vasodilatation Is Not Apparent in Coronary Artery Disease. <i>Circulation</i> , 2001, 103, 806-812.	1.6	83
53	Interrupting prolonged sitting in type 2 diabetes: nocturnal persistence of improved glycaemic control. <i>Diabetologia</i> , 2017, 60, 499-507.	2.9	83
54	Effect of Iron Chelation on Myocardial Infarct Size and Oxidative Stress in ST-Elevation Myocardial Infarction. <i>Circulation: Cardiovascular Interventions</i> , 2012, 5, 270-278.	1.4	81

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55	Nitric Oxide As A Metabolic Regulator During Exercise: Effects Of Training In Health And Disease. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2000, 27, 239-250.	0.9	77
56	Large Artery Stiffness: Implications For Exercise Capacity And Cardiovascular Risk. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2002, 29, 214-217.	0.9	76
57	Physical Fitness and Reverse Cholesterol Transport. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 1087-1091.	1.1	74
58	Fibrillin-1 Genotype Is Associated With Aortic Stiffness and Disease Severity in Patients With Coronary Artery Disease. <i>Circulation</i> , 2002, 105, 810-815.	1.6	70
59	Impact on Hemostatic Parameters of Interrupting Sitting with Intermittent Activity. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 1285-1291.	0.2	70
60	Skeletal muscle interleukin-6 and tumor necrosis factor- α release in healthy subjects and patients with type 2 diabetes at rest and during exercise. <i>Metabolism: Clinical and Experimental</i> , 2003, 52, 939-944.	1.5	69
61	Breaking up of prolonged sitting over three days sustains, but does not enhance, lowering of postprandial plasma glucose and insulin in overweight and obese adults. <i>Clinical Science</i> , 2015, 129, 117-127.	1.8	67
62	Reduced UCP-1 Content in In Vitro Differentiated Beige/Brite Adipocytes Derived from Preadipocytes of Human Subcutaneous White Adipose Tissues in Obesity. <i>PLoS ONE</i> , 2014, 9, e91997.	1.1	67
63	Low-molecular-weight ACEs are associated with GFR and anemia in patients with type 2 diabetes. <i>Kidney International</i> , 2004, 66, 1167-1172.	2.6	66
64	Spontaneous running increases aortic compliance in Wistar-Kyoto rats. <i>Cardiovascular Research</i> , 1997, 35, 132-137.	1.8	65
65	Large-Artery Stiffness Contributes to the Greater Prevalence of Systolic Hypertension in Elderly Women. <i>Journal of the American Geriatrics Society</i> , 2004, 52, 368-373.	1.3	64
66	A meta-analysis of the outcome of endovascular and noninvasive therapies in the treatment of intermittent claudication. <i>Journal of Vascular Surgery</i> , 2011, 54, 1511-1521.	0.6	63
67	Effects of High-Density Lipoprotein Elevation With Cholesteryl Ester Transfer Protein Inhibition on Insulin Secretion. <i>Circulation Research</i> , 2013, 113, 167-175.	2.0	62
68	Effects of walking and other exercise programs upon blood pressure in normal subjects. <i>Medical Journal of Australia</i> , 1993, 158, 234-238.	0.8	61
69	Folic acid supplementation for 3 wk reduces pulse pressure and large artery stiffness independent of MTHFR genotype. <i>American Journal of Clinical Nutrition</i> , 2005, 82, 26-31.	2.2	61
70	HDL and glucose metabolism: current evidence and therapeutic potential. <i>Frontiers in Pharmacology</i> , 2015, 6, 258.	1.6	61
71	EFFECTS OF HEART RATE ON ARTERIAL COMPLIANCE IN MEN. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1999, 26, 342-346.	0.9	60
72	Determinants of coronary artery compliance in subjects with and without angiographic coronary artery disease. <i>Journal of the American College of Cardiology</i> , 2002, 39, 1637-1643.	1.2	60

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73	Mechanism of cholesterol efflux in humans after infusion of reconstituted high-density lipoprotein. <i>European Heart Journal</i> , 2012, 33, 657-665.	1.0	60
74	Distinct effects of acute exercise and breaks in sitting on working memory and executive function in older adults: a three-arm, randomised cross-over trial to evaluate the effects of exercise with and without breaks in sitting on cognition. <i>British Journal of Sports Medicine</i> , 2020, 54, 776-781.	3.1	60
75	Similar Effects of Treatment on Central and Brachial Blood Pressures in Older Hypertensive Subjects in the Second Australian National Blood Pressure Trial. <i>Hypertension</i> , 2007, 49, 1242-1247.	1.3	59
76	Maternal Overnutrition Programs Changes in the Expression of Skeletal Muscle Genes That Are Associated with Insulin Resistance and Defects of Oxidative Phosphorylation in Adult Male Rat Offspring. <i>Journal of Nutrition</i> , 2014, 144, 237-244.	1.3	59
77	MicroRNA-194 Modulates Glucose Metabolism and Its Skeletal Muscle Expression Is Reduced in Diabetes. <i>PLoS ONE</i> , 2016, 11, e0155108.	1.1	58
78	Future of High-Density Lipoprotein Infusion Therapies. <i>Circulation</i> , 2013, 128, 1112-1121.	1.6	55
79	Accuracy of automated auscultatory blood pressure measurement during supine exercise and treadmill stress electrocardiogram-testing. <i>Blood Pressure Monitoring</i> , 2004, 9, 269-275.	0.4	54
80	Low-Renin Hypertension With Relative Aldosterone Excess Is Associated With Impaired NO-Mediated Vasodilation. <i>Hypertension</i> , 2005, 46, 707-713.	1.3	53
81	Interleukin-6 Attenuates Insulin-Mediated Increases in Endothelial Cell Signaling but Augments Skeletal Muscle Insulin Action via Differential Effects on Tumor Necrosis Factor- α Expression. <i>Diabetes</i> , 2009, 58, 1086-1095.	0.3	49
82	Weight Loss and Exercise Alter the High-Density Lipoprotein Lipidome and Improve High-Density Lipoprotein Functionality in Metabolic Syndrome. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 438-447.	1.1	49
83	Statin action favors normalization of the plasma lipidome in the atherogenic mixed dyslipidemia of MetS: potential relevance to statin-associated dysglycemia. <i>Journal of Lipid Research</i> , 2015, 56, 2381-2392.	2.0	47
84	Does Nitric Oxide Regulate Skeletal Muscle Glucose Uptake during Exercise?. <i>Exercise and Sport Sciences Reviews</i> , 2006, 34, 36-41.	1.6	46
85	Chronic ephedrine administration decreases brown adipose tissue activity in a randomised controlled human trial: implications for obesity. <i>Diabetologia</i> , 2015, 58, 1045-1054.	2.9	44
86	Presence of a pet dog and human cardiovascular responses to mild mental stress. <i>Clinical Autonomic Research</i> , 2001, 11, 313-317.	1.4	43
87	High-density lipoprotein delivered after myocardial infarction increases cardiac glucose uptake and function in mice. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	43
88	Acute metabolic and cardiovascular effects of mirabegron in healthy individuals. <i>Diabetes, Obesity and Metabolism</i> , 2019, 21, 276-284.	2.2	42
89	Large Artery Stiffness Is Not Related to Plasma Cholesterol in Older Subjects with Hypertension. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 962-968.	1.1	41
90	Breaking Up Prolonged Sitting Alters the Postprandial Plasma Lipidomic Profile of Adults With Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 1991-1999.	1.8	41

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91	Prolonged uninterrupted sitting elevates postprandial hyperglycaemia proportional to degree of insulin resistance. <i>Diabetes, Obesity and Metabolism</i> , 2018, 20, 1526-1530.	2.2	41
92	Simple intermittent resistance activity mitigates the detrimental effect of prolonged unbroken sitting on arterial function in overweight and obese adults. <i>Journal of Applied Physiology</i> , 2018, 125, 1787-1794.	1.2	41
93	Large Artery Stiffness: Structural And Genetic Aspects. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2001, 28, 1040-1043.	0.9	40
94	Reconstituted high-density lipoprotein infusion modulates fatty acid metabolism in patients with type 2 diabetes mellitus. <i>Journal of Lipid Research</i> , 2011, 52, 572-581.	2.0	39
95	Exercise and Dietary Influences on Arterial Stiffness in Cardiometabolic Disease. <i>Hypertension</i> , 2014, 63, 888-893.	1.3	39
96	What is the Dose-Response Relationship between Exercise Training and Blood Pressure?. <i>Annals of Medicine</i> , 1991, 23, 313-318.	1.5	38
97	Total norepinephrine spillover, muscle sympathetic nerve activity and heart-rate spectra analysis in a patient with dopamine β -hydroxylase deficiency. <i>Journal of the Autonomic Nervous System</i> , 1995, 55, 198-206.	1.9	38
98	Rethinking good cholesterol: a clinicians' guide to understanding HDL. <i>Lancet Diabetes and Endocrinology</i> , 2019, 7, 575-582.	5.5	38
99	ABCA1 expression in humans is associated with physical activity and alcohol consumption. <i>Atherosclerosis</i> , 2008, 197, 197-203.	0.4	37
100	Effects of the BET-inhibitor, RVX-208 on the HDL lipidome and glucose metabolism in individuals with prediabetes: A randomized controlled trial. <i>Metabolism: Clinical and Experimental</i> , 2016, 65, 904-914.	1.5	37
101	Matrix metalloproteinase-3 and coronary remodelling: Implications for unstable coronary disease. <i>Cardiovascular Research</i> , 2007, 75, 813-820.	1.8	36
102	Acadesine, an adenosine-regulating agent with the potential for widespread indications. <i>Expert Opinion on Pharmacotherapy</i> , 2008, 9, 2137-2144.	0.9	36
103	HDL Phospholipids, but Not Cholesterol Distinguish Acute Coronary Syndrome From Stable Coronary Artery Disease. <i>Journal of the American Heart Association</i> , 2019, 8, e011792.	1.6	35
104	Smaller Aortic Dimensions Do Not Fully Account for the Greater Pulse Pressure in Elderly Female Hypertensives. <i>Hypertension</i> , 2008, 51, 1129-1134.	1.3	34
105	c-Jun NH2-Terminal Kinase Activity in Subcutaneous Adipose Tissue but Not Nuclear Factor- κ B Activity in Peripheral Blood Mononuclear Cells Is an Independent Determinant of Insulin Resistance in Healthy Individuals. <i>Diabetes</i> , 2009, 58, 1259-1265.	0.3	34
106	Effect of Morning Exercise With or Without Breaks in Prolonged Sitting on Blood Pressure in Older Overweight/Obese Adults. <i>Hypertension</i> , 2019, 73, 859-867.	1.3	33
107	Evaluation of NHMRC funded research completed in 1992, 1997 and 2003: gains in knowledge, health and wealth. <i>Medical Journal of Australia</i> , 2006, 184, 282-286.	0.8	32
108	Baseline serum phosphatidylcholine plasmalogen concentrations are inversely associated with incident myocardial infarction in patients with mixed peripheral artery disease presentations. <i>Atherosclerosis</i> , 2017, 263, 301-308.	0.4	32

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109	Comparison of the Serum Lipidome in Patients With Abdominal Aortic Aneurysm and Peripheral Artery Disease. <i>Circulation: Cardiovascular Genetics</i> , 2014, 7, 71-79.	5.1	31
110	Effect of dietary supplementation with $\hat{1}^2$ casein A1 or A2 on markers of disease development in individuals at high risk of cardiovascular disease. <i>British Journal of Nutrition</i> , 2006, 95, 136-144.	1.2	30
111	A call to action for new global approaches to cardiovascular disease drug solutions. <i>European Heart Journal</i> , 2021, 42, 1464-1475.	1.0	29
112	Single session exercise stimulates formation of pre $\hat{1}^2$ 1-HDL in leg muscle. <i>Journal of Lipid Research</i> , 2003, 44, 522-526.	2.0	28
113	Elevated HDL Cholesterol is Functionally Ineffective in Cardiac Transplant Recipients: Evidence for Impaired Reverse Cholesterol Transport. <i>Transplantation</i> , 2006, 81, 361-366.	0.5	28
114	Advanced glycation end products (AGEs) are cross-sectionally associated with insulin secretion in healthy subjects. <i>Amino Acids</i> , 2014, 46, 321-326.	1.2	28
115	Alternating Sitting and Standing Increases the Workplace Energy Expenditure of Overweight Adults. <i>Journal of Physical Activity and Health</i> , 2016, 13, 24-29.	1.0	28
116	Pioglitazone reduces cold-induced brown fat glucose uptake despite induction of browning in cultured human adipocytes: a randomised, controlled trial in humans. <i>Diabetologia</i> , 2018, 61, 220-230.	2.9	28
117	Rosiglitazone Lowers Blood Pressure and Increases Arterial Compliance in Postmenopausal Women With Type 2 Diabetes. <i>Diabetes Care</i> , 2003, 26, 3194-3195.	4.3	27
118	The relationship between heat shock protein 72 expression in skeletal muscle and insulin sensitivity is dependent on adiposity. <i>Metabolism: Clinical and Experimental</i> , 2010, 59, 1556-1561.	1.5	27
119	Skeletal muscle neuronal nitric oxide synthase $\hat{1}^4$ protein is reduced in people with impaired glucose homeostasis and is not normalized by exercise training. <i>Metabolism: Clinical and Experimental</i> , 2007, 56, 1405-1411.	1.5	25
120	Apo AI Nanoparticles Delivered Post Myocardial Infarction Moderate Inflammation. <i>Circulation Research</i> , 2020, 127, 1422-1436.	2.0	24
121	Acute effects of interrupting prolonged sitting on vascular function in type 2 diabetes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H393-H403.	1.5	24
122	Shark liver oil supplementation enriches endogenous plasmalogens and reduces markers of dyslipidemia and inflammation. <i>Journal of Lipid Research</i> , 2021, 62, 100092.	2.0	23
123	GENETIC INFLUENCES ON THE ARTERIAL WALL. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2007, 34, 652-657.	0.9	19
124	The effect of the nitric oxide donor sodium nitroprusside on glucose uptake in human primary skeletal muscle cells. <i>Nitric Oxide - Biology and Chemistry</i> , 2009, 21, 126-131.	1.2	19
125	Glucose-6-phosphate dehydrogenase contributes to the regulation of glucose uptake in skeletal muscle. <i>Molecular Metabolism</i> , 2016, 5, 1083-1091.	3.0	19
126	Mild cognitive impairment is associated with subclinical diastolic dysfunction in patients with chronic heart disease. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 285-292.	0.5	19

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127	A Call to Action for New Global Approaches to Cardiovascular Disease Drug Solutions. <i>Circulation</i> , 2021, 144, 159-169.	1.6	18
128	Prolonged uninterrupted sitting increases fatigue in type 2 diabetes. <i>Diabetes Research and Clinical Practice</i> , 2018, 135, 128-133.	1.1	17
129	Sugar- and Intense-Sweetened Drinks in Australia: A Systematic Review on Cardiometabolic Risk. <i>Nutrients</i> , 2017, 9, 1075.	1.7	16
130	Impact of freezing on high-density lipoprotein functionality. <i>Analytical Biochemistry</i> , 2008, 379, 213-215.	1.1	15
131	Skeletal Muscle Insulin Resistance Associated with Cholesterol-Induced Activation of Macrophages Is Prevented by High Density Lipoprotein. <i>PLoS ONE</i> , 2013, 8, e56601.	1.1	15
132	Plasma advanced glycation end products (AGEs) and NF- κ B activity are independent determinants of diastolic and pulse pressure. <i>Clinical Chemistry and Laboratory Medicine</i> , 2014, 52, 129-38.	1.4	15
133	Frequency of Interruptions to Sitting Time: Benefits for Postprandial Metabolism in Type 2 Diabetes. <i>Diabetes Care</i> , 2021, 44, 1254-1263.	4.3	15
134	The sugar content of soft drinks in Australia, Europe and the United States. <i>Medical Journal of Australia</i> , 2017, 206, 454-455.	0.8	14
135	Brown adipose tissue and lipid metabolism: New strategies for identification of activators and biomarkers with clinical potential. , 2018, 192, 141-149.		14
136	Assessment of large artery function. <i>Coronary Artery Disease</i> , 2002, 13, 405-413.	0.3	13
137	Australian adults' behaviours, knowledge and perceptions of risk factors for heart disease: A cross-sectional study. <i>Preventive Medicine Reports</i> , 2017, 8, 204-209.	0.8	13
138	Antiatherosclerotic Effects of CSL112 Mediated by Enhanced Cholesterol Efflux Capacity. <i>Journal of the American Heart Association</i> , 2022, 11, e024754.	1.6	13
139	Plasma Docosahexaenoic Acid and Eicosapentaenoic Acid Concentrations Are Positively Associated with Brown Adipose Tissue Activity in Humans. <i>Metabolites</i> , 2020, 10, 388.	1.3	11
140	Hormone Therapy Impairs Endothelial Function in Postmenopausal Women with Type 2 Diabetes Mellitus Treated with Rosiglitazone. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 4615-4619.	1.8	10
141	Oral nitrate therapy does not affect glucose metabolism in healthy men. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2009, 36, 1086-1092.	0.9	9
142	Compliance mismatch between stenotic and distal reference segment is associated with coronary artery disease instability. <i>Atherosclerosis</i> , 2009, 206, 179-185.	0.4	9
143	Protective Effect of Inflammasome Activation by Hydrogen Peroxide in a Mouse Model of Septic Shock. <i>Critical Care Medicine</i> , 2017, 45, e184-e194.	0.4	9
144	Blood Pressure Down Under, but Down Under What?. <i>Hypertension</i> , 2018, 71, 972-975.	1.3	9

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145	Sex-Specific Associations in Nutrition and Activity-Related Risk Factors for Chronic Disease: Australian Evidence from Childhood to Emerging Adulthood. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 214.	1.2	9
146	Sex-Specific Lifestyle and Biomedical Risk Factors for Chronic Disease among Early-Middle, Middle and Older Aged Australian Adults. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 224.	1.2	8
147	Between-meal sucrose-sweetened beverage consumption impairs glycaemia and lipid metabolism during prolonged sitting: A randomized controlled trial. <i>Clinical Nutrition</i> , 2019, 38, 1536-1543.	2.3	8
148	Reducing peripheral serotonin turns up the heat in brown fat. <i>Nature Medicine</i> , 2015, 21, 114-116.	15.2	7
149	Evaluation of Differences in Coronary Plaque Mechanical Behavior in Individuals With and Without Type 2 Diabetes Mellitus. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 2826-2827.	1.1	6
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