

# Michael Williams

## List of Publications by Year in descending order

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Version: 2024-02-01

124  
papers

5,884  
citations

87401

40  
h-index

90395

73  
g-index

126  
all docs

126  
docs citations

126  
times ranked

11324  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cardiopulmonary exercise testing in severe osteoarthritis: a crossover comparison of four exercise modalities*. <i>Anaesthesia</i> , 2021, 76, 72-81.	1.8	3
2	Activation of the cardiac non-neuronal cholinergic system prevents the development of diabetes-associated cardiovascular complications. <i>Cardiovascular Diabetology</i> , 2021, 20, 50.	2.7	17
3	Diabetes induces dysregulation of microRNAs associated with survival, proliferation and self-renewal in cardiac progenitor cells. <i>Diabetologia</i> , 2021, 64, 1422-1435.	2.9	4
4	Long-chain acylcarnitine 18:1 acutely increases human atrial myocardial contractility and arrhythmia susceptibility. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 321, H162-H174.	1.5	3
5	Survival in Patients With Suspected Myocardial Infarction With Nonobstructive Coronary Arteries: A Comprehensive Systematic Review and Meta-Analysis From the MINOCA Global Collaboration. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2021, 14, e007880.	0.9	45
6	Associations between lung and endothelial function in early middle age. <i>Respirology</i> , 2020, 25, 89-96.	1.3	3
7	Frailty in Elderly Patients Undergoing Cardiac Surgery Increases Hospital Stay and 12-Month Readmission Rate. <i>Heart Lung and Circulation</i> , 2020, 29, 1187-1194.	0.2	26
8	Acute interaction between human epicardial adipose tissue and human atrial myocardium induces arrhythmic susceptibility. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 318, E164-E172.	1.8	8
9	Nonsynonymous SNPs in LPA homologous to plasminogen deficiency mutants represent novel null apo(a) alleles. <i>Journal of Lipid Research</i> , 2020, 61, 432-444.	2.0	17
10	Inotropic and lusitropic, but not arrhythmogenic, effects of adipocytokine resistin on human atrial myocardium. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 319, E540-E547.	1.8	4
11	Both Small and Large Infrarenal Aortic Size is Associated with an Increased Prevalence of Ischaemic Heart Disease. <i>European Journal of Vascular and Endovascular Surgery</i> , 2020, 60, 594-601.	0.8	4
12	Upregulation of microRNA-532 enhances cardiomyocyte apoptosis in the diabetic heart. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2020, 25, 388-399.	2.2	12
13	Beat-to-beat blood pressure measurement using a cuffless device does not accurately reflect invasive blood pressure. <i>International Journal of Cardiology: Hypertension</i> , 2020, 5, 100030.	2.2	9
14	Diagnostic coronary angiography and percutaneous coronary intervention practices in New Zealand: The All New Zealand Acute Coronary Syndrome-Quality Improvement CathPCI registry 3-year study (ANZACS-QI 37). <i>International Journal of Cardiology</i> , 2020, 312, 37-41.	0.8	2
15	DNA methylation profiling identifies a high effect genetic variant for lipoprotein(a) levels. <i>Epigenetics</i> , 2020, 15, 949-958.	1.3	14
16	Early dysregulation of cardiac-specific microRNA-208a is linked to maladaptive cardiac remodelling in diabetic myocardium. <i>Cardiovascular Diabetology</i> , 2019, 18, 13.	2.7	38
17	Myocardial tissue characterisation using echocardiographic deformation imaging. <i>Cardiovascular Ultrasound</i> , 2019, 17, 27.	0.5	26
18	Relationship between epicardial adipose tissue thickness and epicardial adipocyte size with increasing body mass index. <i>Adipocyte</i> , 2019, 8, 412-420.	1.3	39

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19	Correcting for Body Surface Area Identifies the True Prevalence of Abdominal Aortic Aneurysm in Screened Women. <i>European Journal of Vascular and Endovascular Surgery</i> , 2019, 57, 221-228.	0.8	32
20	Outcome after myocardial infarction without obstructive coronary artery disease. <i>Heart</i> , 2019, 105, 524-530.	1.2	42
21	All-Cause Mortality Following an Acute Coronary Syndrome: 12-Year Follow-Up of the Comprehensive 2002 New Zealand Acute Coronary Syndrome Audit. <i>Heart Lung and Circulation</i> , 2019, 28, 245-256.	0.2	19
22	Diabetes induces the activation of pro-ageing miR-34a in the heart, but has differential effects on cardiomyocytes and cardiac progenitor cells. <i>Cell Death and Differentiation</i> , 2018, 25, 1336-1349.	5.0	47
23	Periodontitis and multiple markers of cardiometabolic risk in the fourth decade: A cohort study. <i>Community Dentistry and Oral Epidemiology</i> , 2018, 46, 615-623.	0.9	8
24	Down-regulation of proangiogenic microRNA-126 and microRNA-132 are early modulators of diabetic cardiac microangiopathy. <i>Cardiovascular Research</i> , 2017, 113, 90-101.	1.8	71
25	The diagnostic sensitivity of circulating cardio-enriched microRNAs is increased after normalization of high-density lipoprotein levels. <i>International Journal of Cardiology</i> , 2017, 236, 498-500.	0.8	6
26	Resting heart rate variability and exercise capacity in Type 1 diabetes. <i>Physiological Reports</i> , 2017, 5, e13248.	0.7	18
27	Childhood body mass index and endothelial dysfunction evaluated by peripheral arterial tonometry in early midlife. <i>International Journal of Obesity</i> , 2017, 41, 1355-1360.	1.6	11
28	Meta-Analysis of Genome-Wide Association Studies for Abdominal Aortic Aneurysm Identifies Four New Disease-Specific Risk Loci. <i>Circulation Research</i> , 2017, 120, 341-353.	2.0	166
29	Down-regulation of miR-15a/b accelerates fibrotic remodelling in the Type 2 diabetic human and mouse heart. <i>Clinical Science</i> , 2017, 131, 847-863.	1.8	62
30	Recycling of Apolipoprotein(a) After PlgRKT-Mediated Endocytosis of Lipoprotein(a). <i>Circulation Research</i> , 2017, 120, 1091-1102.	2.0	71
31	Two CXC Family Chemokines, Eotaxin and RANTES, Are Novel Independent Plasma Biomarkers for Abdominal Aortic Aneurysm. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	20
32	Variation in Arterial Access for Invasive Coronary Procedures in New Zealand: A National Analysis (ANZACS-QI 5). <i>Heart Lung and Circulation</i> , 2016, 25, 451-458.	0.2	3
33	Diagnosis, Incidence, and Clinical Implications of Perioperative Myocardial Injury in Vascular Surgery. <i>Vascular and Endovascular Surgery</i> , 2016, 50, 247-255.	0.3	13
34	Variant <i>ASGR1</i> Associated with a Reduced Risk of Coronary Artery Disease. <i>New England Journal of Medicine</i> , 2016, 374, 2131-2141.	13.9	137
35	Repeated Episodes of Remote Ischemic Preconditioning for the Prevention of Myocardial Injury in Vascular Surgery. <i>Vascular and Endovascular Surgery</i> , 2016, 50, 140-146.	0.3	20
36	Comparison of three targeted approaches to screening for abdominal aortic aneurysm based on cardiovascular risk. <i>British Journal of Surgery</i> , 2016, 103, 1139-1146.	0.1	30

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37	Integrated microRNA and messenger RNA analysis in aortic stenosis. <i>Scientific Reports</i> , 2016, 6, 36904.	1.6	25
38	Shared Genetic Risk Factors of Intracranial, Abdominal, and Thoracic Aneurysms. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	45
39	Differential expression pattern of cardiovascular microRNAs in the human type-2 diabetic heart with normal ejection fraction. <i>International Journal of Cardiology</i> , 2016, 202, 40-43.	0.8	22
40	Advances in Exercise, Physical Activity, and Diabetes Mellitus. <i>Diabetes Technology and Therapeutics</i> , 2016, 18, S-76-S-85.	2.4	15
41	Long-term effects of cardiac rehabilitation in elderly individuals with stable coronary artery disease. <i>Disability and Rehabilitation</i> , 2016, 38, 837-843.	0.9	6
42	Letter by Coffey et al Regarding Article, "Temporal Trends in the Incidence and Prognosis of Aortic Stenosis: A Nationwide Study of the Swedish Population" • <i>Circulation</i> , 2015, 132, e239.	1.6	0
43	Chamber-specific changes in calcium-handling proteins in the type 2 diabetic human heart with preserved ejection fraction. <i>International Journal of Cardiology</i> , 2015, 193, 53-55.	0.8	10
44	Lipoprotein (a) upregulates ABCA1 in liver cells via scavenger receptor-B1 through its oxidized phospholipids. <i>Journal of Lipid Research</i> , 2015, 56, 1318-1328.	2.0	26
45	Examining Motivations and Barriers for Attending Maintenance Community-Based Cardiac Rehabilitation Using the Health-Belief Model. <i>Heart Lung and Circulation</i> , 2015, 24, 980-987.	0.2	31
46	Community-Based Cardiac Rehabilitation Maintenance Programs: Use and Effects. <i>Heart Lung and Circulation</i> , 2015, 24, 710-718.	0.2	17
47	Circulating microRNA Profiling Needs Further Refinement Before Clinical Use in Patients With Aortic Stenosis. <i>Journal of the American Heart Association</i> , 2015, 4, e002150.	1.6	28
48	Prevalence of abdominal aortic aneurysm in patients referred for transthoracic echocardiography. <i>Internal Medicine Journal</i> , 2015, 45, 32-39.	0.5	20
49	Comparison of the management and in-hospital outcomes of acute coronary syndrome patients in Australia and New Zealand: results from the binational SNAPSHOT acute coronary syndrome 2012 audit. <i>Internal Medicine Journal</i> , 2015, 45, 497-509.	0.5	7
50	Childhood to Early-Midlife Systolic Blood Pressure Trajectories. <i>Hypertension</i> , 2015, 66, 1108-1115.	1.3	223
51	Position Statement for the Operator and Institutional Requirements for a Transcatheter Aortic Valve Implantation (TAVI) Program. <i>Heart Lung and Circulation</i> , 2015, 24, 219-223.	0.2	24
52	Plasma heat shock protein 27 is associated with coronary artery disease, abdominal aortic aneurysm and peripheral artery disease. <i>SpringerPlus</i> , 2014, 3, 635.	1.2	13
53	Rapid onset of cardiomyopathy in STZ-induced female diabetic mice involves the downregulation of pro-survival Pim-1. <i>Cardiovascular Diabetology</i> , 2014, 13, 68.	2.7	45
54	Lack of progress in valvular heart disease in the pre-transcatheter aortic valve replacement era: Increasing deaths and minimal change in mortality rate over the past three decades. <i>American Heart Journal</i> , 2014, 167, 562-567.e2.	1.2	52

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55	Absolute quantification of apolipoproteins and associated proteins on human plasma lipoproteins. <i>Journal of Proteomics</i> , 2014, 106, 181-190.	1.2	61
56	“Exercise snacks” before meals: a novel strategy to improve glycaemic control in individuals with insulin resistance. <i>Diabetologia</i> , 2014, 57, 1437-1445.	2.9	134
57	Ribose-cysteine increases glutathione-based antioxidant status and reduces LDL in human lipoprotein(a) mice. <i>Atherosclerosis</i> , 2014, 237, 725-733.	0.4	26
58	The Prevalence, Incidence, Progression, and Risks of Aortic Valve Sclerosis. <i>Journal of the American College of Cardiology</i> , 2014, 63, 2852-2861.	1.2	177
59	Impaired relaxation despite upregulated calcium-handling protein atrial myocardium from type 2 diabetic patients with preserved ejection fraction. <i>Cardiovascular Diabetology</i> , 2014, 13, 72.	2.7	43
60	Cerebral blood flow and cerebrovascular reactivity at rest and during sub-maximal exercise: Effect of age and 12-week exercise training. <i>Age</i> , 2013, 35, 905-920.	3.0	161
61	Nonbacterial Thrombotic Endocarditis with ST-elevation Myocardial Infarction Treated with Percutaneous Coronary Aspiration Thrombectomy. <i>Heart Lung and Circulation</i> , 2013, 22, 386-389.	0.2	6
62	A sequence variant associated with sortilin-1 (SORT1) on 1p13.3 is independently associated with abdominal aortic aneurysm. <i>Human Molecular Genetics</i> , 2013, 22, 2941-2947.	1.4	88
63	Plasma active matrix metalloproteinase 9 and indices of diastolic function in patients with preserved systolic function. <i>International Journal of Cardiology</i> , 2013, 167, 1242-1246.	0.8	6
64	Intra-Individual Changes of Active Matrix Metalloproteinase-9 Are Associated with Clinical In-Stent Restenosis of Bare Metal Stents. <i>Cardiology</i> , 2013, 124, 28-35.	0.6	8
65	Letter by Coffey et al Regarding Article, “Estimating Deaths From Cardiovascular Disease: A Review of Global Methodologies of Mortality Measurement”. <i>Circulation</i> , 2013, 128, e84.	1.6	2
66	Functional rescue of mutant ABCA1 proteins by sodium 4-phenylbutyrate. <i>Journal of Lipid Research</i> , 2013, 54, 55-62.	2.0	27
67	Effects of Community-Based Cardiac Rehabilitation on Body Composition and Physical Function in Individuals with Stable Coronary Artery Disease: 1.6-Year Followup. <i>BioMed Research International</i> , 2013, 2013, 1-7.	0.9	17
68	Estimating exercise capacity from walking tests in elderly individuals with stable coronary artery disease. <i>Disability and Rehabilitation</i> , 2013, 35, 1853-1858.	0.9	23
69	Single High Oral Dose Amiodarone for Cardioversion of Recent Onset Atrial Fibrillation. <i>Heart Lung and Circulation</i> , 2012, 21, 444-448.	0.2	3
70	Rapid cycle change to predominantly radial access coronary angiography and percutaneous coronary intervention. <i>Catheterization and Cardiovascular Interventions</i> , 2012, 79, 589-594.	0.7	11
71	An ABCA1 truncation shows no dominant negative effect in a familial hypoalphalipoproteinemia pedigree with three ABCA1 mutations. <i>Biochemical and Biophysical Research Communications</i> , 2011, 409, 400-405.	1.0	5
72	Plasma active matrix metalloproteinase 9 associated to diastolic dysfunction in patients with coronary artery disease. <i>International Journal of Cardiology</i> , 2011, 147, 336-338.	0.8	5

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73	Proteomics of Lipoprotein(a) identifies a protein complement associated with response to wounding. <i>Journal of Proteomics</i> , 2011, 74, 2881-2891.	1.2	54
74	Homology modeling and functional testing of an ABCA1 mutation causing Tangier disease. <i>Atherosclerosis</i> , 2011, 218, 404-410.	0.4	11
75	Seasonal variation and stability of matrix metalloproteinase-9 activity and tissue inhibitor of matrix metalloproteinase-1 with storage at 80°C. <i>Clinical Biochemistry</i> , 2011, 44, 1346-1348.	0.8	6
76	Pro-MMP-9/TIMP-1 ratio correlates poorly with a direct assessment of MMP-9 activity. <i>Clinical Biochemistry</i> , 2011, 44, 1480-1482.	0.8	4
77	Cardiorespiratory and cerebrovascular responses to head-up tilt II: Influence of age, training status and acute exercise. <i>Experimental Gerontology</i> , 2011, 46, 1-8.	1.2	13
78	Cardiorespiratory and cerebrovascular responses to head-up tilt I: Influence of age and training status. <i>Experimental Gerontology</i> , 2011, 46, 9-17.	1.2	9
79	Syncope is unrelated to supine and postural hypotension following prolonged exercise. <i>European Journal of Applied Physiology</i> , 2011, 111, 469-476.	1.2	18
80	Ingestion of native and thermally oxidized polyunsaturated fats acutely increases circulating numbers of endothelial microparticles. <i>Metabolism: Clinical and Experimental</i> , 2010, 59, 446-453.	1.5	23
81	Genome-wide association study identifies a sequence variant within the DAB2IP gene conferring susceptibility to abdominal aortic aneurysm. <i>Nature Genetics</i> , 2010, 42, 692-697.	9.4	181
82	Left ventricular systolic and diastolic function assessed by tissue Doppler imaging and outcome in asymptomatic aortic stenosis. <i>European Heart Journal</i> , 2010, 31, 2216-2222.	1.0	72
83	Identical pattern of cerebral hypoperfusion during different types of syncope. <i>Journal of Human Hypertension</i> , 2010, 24, 458-466.	1.0	19
84	Initial orthostatic hypotension is unrelated to orthostatic tolerance in healthy young subjects. <i>Journal of Applied Physiology</i> , 2009, 107, 506-517.	1.2	79
85	Influence of age on syncope following prolonged exercise: differential responses but similar orthostatic intolerance. <i>Journal of Physiology</i> , 2009, 587, 5959-5969.	1.3	31
86	Sequence variants affecting eosinophil numbers associate with asthma and myocardial infarction. <i>Nature Genetics</i> , 2009, 41, 342-347.	9.4	709
87	Active matrix metalloproteinases 3 and 9 are independently associated with coronary artery in-stent restenosis. <i>Atherosclerosis</i> , 2009, 207, 603-607.	0.4	19
88	Elevation in cerebral blood flow velocity with aerobic fitness throughout healthy human ageing. <i>Journal of Physiology</i> , 2008, 586, 4005-4010.	1.3	341
89	Novel rare mutations and promoter haplotypes in ABCA1 contribute to low HDL levels. <i>Clinical Genetics</i> , 2008, 73, 179-184.	1.0	40
90	Postprandial Cytokine Concentrations and Meal Composition in Obese and Lean Women. <i>Obesity</i> , 2008, 16, 2046-2052.	1.5	101

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91	BS3-3 The effect of meals rich in different types of fat and carbohydrate on plasma inflammatory cytokine concentrations in obese and lean women. <i>Diabetes Research and Clinical Practice</i> , 2008, 79, S16.	1.1	0
92	The effects of age on the spontaneous low-frequency oscillations in cerebral and systemic cardiovascular dynamics. <i>Physiological Measurement</i> , 2008, 29, 1055-1069.	1.2	86
93	Plasma Lipoprotein(a) Indicates Risk for 4 Distinct Forms of Vascular Disease. <i>Clinical Chemistry</i> , 2007, 53, 679-685.	1.5	66
94	Systemic inflammation and lung function in young adults. <i>Thorax</i> , 2007, 62, 1064-1068.	2.7	112
95	Ingestion of moderately thermally oxidized polyunsaturated fat decreases serum resistance to oxidation in men with coronary artery disease. <i>Nutrition Research</i> , 2007, 27, 265-272.	1.3	2
96	Early morning impairment in cerebral autoregulation and cerebrovascular CO <sub>2</sub> reactivity in healthy humans: relation to endothelial function. <i>Experimental Physiology</i> , 2007, 92, 769-777.	0.9	88
97	Plasma Protein Lipofuscin-like Fluorophores in Men with Coronary Artery Disease Treated with Statins. <i>Archives of Medical Research</i> , 2007, 38, 757-763.	1.5	1
98	Promoter haplotype of a new ABCA1 mutant influences expression of familial hypoalphalipoproteinemia. <i>Atherosclerosis</i> , 2006, 187, 393-400.	0.4	19
99	Elevated Plasma Active Matrix Metalloproteinase-9 Level Is Associated With Coronary Artery In-Stent Restenosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, e121-5.	1.1	34
100	Breast feeding is related to C reactive protein concentration in adult women. <i>Journal of Epidemiology and Community Health</i> , 2006, 60, 146-148.	2.0	27
101	Clinical outcome of older patients with acute coronary syndrome over the last three decades. <i>Age and Ageing</i> , 2006, 35, 280-285.	0.7	6
102	Aged garlic extract improves endothelial function in men with coronary artery disease. <i>Phytotherapy Research</i> , 2005, 19, 314-319.	2.8	112
103	C-reactive protein and cardiorespiratory fitness in young adults. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2005, 12, 216-220.	3.1	18
104	Effects of white and red wine on endothelial function in subjects with coronary artery disease. <i>Internal Medicine Journal</i> , 2004, 34, 224-228.	0.5	103
105	Association between C-reactive protein, metabolic cardiovascular risk factors, obesity and oral contraceptive use in young adults. <i>International Journal of Obesity</i> , 2004, 28, 998-1003.	1.6	61
106	Acute effect of drinking red and white wines on circulating levels of inflammation-sensitive molecules in men with coronary artery disease. <i>Metabolism: Clinical and Experimental</i> , 2004, 53, 318-323.	1.5	55
107	Ferritin and cardiovascular risk. <i>Atherosclerosis</i> , 2003, 167, 171.	0.4	2
108	Dose-dependent effects of folic acid on plasma homocysteine in a randomized trial conducted among 723 individuals with coronary heart disease. <i>European Heart Journal</i> , 2002, 23, 1509-1515.	1.0	27

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109	Fat Embolism and Acute Hypotension During Vertebroplasty. <i>Spine</i> , 2002, 27, 460-466.	1.0	150
110	Effect of meals rich in heated olive and safflower oils on oxidation of postprandial serum in healthy men. <i>Atherosclerosis</i> , 2002, 160, 195-203.	0.4	28
111	Relationship of serum ferritin with cardiovascular risk factors and inflammation in young men and women. <i>Atherosclerosis</i> , 2002, 165, 179-184.	0.4	144
112	When is an ANCA an anchor?. <i>Internal Medicine Journal</i> , 2001, 31, 308-311.	0.5	5
113	Ventricular rate and beat-to-beat variation of stroke volume in atrial fibrillation. <i>American Journal of Cardiology</i> , 2001, 87, 1116-1119.	0.7	19
114	Assessment of the mechanical properties of coronary arteries using intravascular ultrasound: an in vivo study. <i>International Journal of Cardiovascular Imaging</i> , 1999, 15, 287-294.	0.2	24
115	Coronary artery flow ten weeks after myocardial infarction or unstable angina: effects of combined warfarin and aspirin therapy. <i>International Journal of Cardiology</i> , 1999, 69, 19-25.	0.8	4
116	Impaired endothelial function following a meal rich in used cooking fat. <i>Journal of the American College of Cardiology</i> , 1999, 33, 1050-1055.	1.2	172
117	Progression of the Culprit Lesion in Unstable Coronary Artery Disease With Warfarin and Aspirin Versus Aspirin Alone: Preliminary Study. <i>Journal of the American College of Cardiology</i> , 1997, 30, 364-369.	1.2	60
118	The mechanism of blood flow in cardiopulmonary resuscitation—introducing the lung pump. <i>Resuscitation</i> , 1997, 35, 255-258.	1.3	10
119	Prevalence and Timing of Regional Myocardial Dysfunction After Rotational Coronary Atherectomy. <i>Journal of the American College of Cardiology</i> , 1996, 28, 861-869.	1.2	25
120	Biopsy-induced flail tricuspid leaflet and tricuspid regurgitation following orthotopic cardiac transplantation. <i>American Journal of Cardiology</i> , 1996, 77, 1339-1344.	0.7	84
121	Hypokalaemic periodic paralysis with cardiac arrhythmia and prolonged QT interval. <i>Australian and New Zealand Journal of Medicine</i> , 1995, 25, 549-549.	0.5	7
122	Improvement of transthoracic pulmonary venous flow Doppler signal with intravenous injection of sonicated albumin. <i>Journal of the American College of Cardiology</i> , 1995, 26, 1741-1746.	1.2	51
123	Time Course of "Warm-Up" in Stable Angina. <i>American Journal of Cardiology</i> , 1995, 76, 70-73.	0.7	36
124	Coronary artery ectasia: Local pathology or diffuse disease?. <i>Catheterization and Cardiovascular Diagnosis</i> , 1994, 33, 116-119.	0.7	54