

Peter Whittaker

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

109
papers

6,268
citations

37
h-index

78
g-index

117
ext. papers

6,773
ext. citations

6.4
avg, IF

5.46
L-index

#	Paper	IF	Citations
109	Anticoagulant plus antiplatelet therapy for atrial fibrillation : Cost-utility of combination therapy with non-vitamin K oral anticoagulants vs. warfarin. <i>Herz</i> , 2020 , 45, 564-571	2.6	1
108	Deep sedation for transvenous lead extraction: a large single-centre experience. <i>Europace</i> , 2019 , 21, 1246-1253	3.9	5
107	Sodium Nitrite-Mediated Cardioprotection in Primary Percutaneous Coronary Intervention for ST-Segment Elevation Myocardial Infarction: A Cost-Effectiveness Analysis. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2019 , 24, 113-119	2.6	3
106	Gender-specific associations between coronary heart disease and other chronic diseases: cross-sectional evaluation of national survey data from adult residents of Germany. <i>Journal of Geriatric Cardiology</i> , 2019 , 16, 663-670	1.7	3
105	Remote ischemic preconditioning fails to reduce infarct size in the Zucker fatty rat model of type-2 diabetes: role of defective humoral communication. <i>Basic Research in Cardiology</i> , 2018 , 113, 16	11.8	38
104	Electric Cars and Electromagnetic Interference With Cardiac Implantable Electronic Devices: A Cross-sectional Evaluation. <i>Annals of Internal Medicine</i> , 2018 , 169, 350-352	8	6
103	Biomarker-based diagnosis of pacemaker and implantable cardioverter defibrillator pocket infections: A prospective, multicentre, case-control evaluation. <i>PLoS ONE</i> , 2017 , 12, e0172384	3.7	11
102	Colchicine for primary prevention of atrial fibrillation after open-heart surgery: Systematic review and meta-analysis. <i>International Journal of Cardiology</i> , 2017 , 249, 127-137	3.2	45
101	Ischemic Conditioning Attenuates Platelet-Mediated Thrombosis: A Tale of Reverse Translation. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2017 , 22, 391-396	2.6	7
100	Calcium Administration Is Associated with Adverse Outcomes in Critically Ill Patients Receiving Parenteral Nutrition: Results From a Natural Experiment Created by a Calcium Gluconate Shortage. <i>Pharmacotherapy</i> , 2016 , 36, 1185-1190	5.8	8
99	Remote Ischemic Conditioning and the Long Road to Clinical Translation: Lessons Learned From ERICCA and RIPHeart. <i>Circulation Research</i> , 2016 , 118, 1052-4	15.7	19
98	Remote ischemic conditioning and renal function after contrast-enhanced CT scan: A randomized trial. <i>Clinical and Investigative Medicine</i> , 2015 , 38, E110-8	0.9	8
97	From ischemic conditioning to 'hyperconditioning': clinical phenomenon and basic science opportunity. <i>Dose-Response</i> , 2014 , 12, 650-63	2.3	35
96	Point-of-care assessment of platelet reactivity in the emergency department may facilitate rapid rule-out of acute coronary syndromes: a prospective cohort pilot feasibility study. <i>BMJ Open</i> , 2014 , 4, e003883	3	6
95	Genesis of remote conditioning: action at a distance--'hypotheses non fingo?'. <i>Journal of Cardiovascular Medicine</i> , 2013 , 14, 180-6	1.9	18
94	Venous thromboembolism in an industrial north american city: temporal distribution and association with particulate matter air pollution. <i>PLoS ONE</i> , 2013 , 8, e68829	3.7	12
93	The effect of cognitive impairment in the elderly on the initial and long-term stability of warfarin therapy. <i>Drugs and Aging</i> , 2012 , 29, 307-17	4.7	9

92	Autophagy as a therapeutic target for ischaemia /reperfusion injury? Concepts, controversies, and challenges. <i>Cardiovascular Research</i> , 2012 , 94, 197-205	9.9	95
91	Kidney dysfunction at the time of intracerebral hemorrhage is associated with increased in-hospital mortality: a retrospective observational cohort study. <i>Neurological Research</i> , 2012 , 34, 518-21	2.7	11
90	Effect of chronic kidney disease on warfarin management in a pharmacist-managed anticoagulation clinic. <i>Journal of Managed Care Pharmacy</i> , 2011 , 17, 523-30		45
89	Cardioprotection with postconditioning: loss of efficacy in murine models of type-2 and type-1 diabetes. <i>Antioxidants and Redox Signaling</i> , 2011 , 14, 781-90	8.4	102
88	Remote ischemic preconditioning: current knowledge, unresolved questions, and future priorities. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2011 , 16, 255-9	2.6	101
87	Authorship and characteristics of articles in pharmacy journals: changes over a 20-year interval. <i>Annals of Pharmacotherapy</i> , 2011 , 45, 357-63	2.9	26
86	Remote-conditioning ischemia provides a potential approach to mitigate contrast medium-induced reduction in kidney function: a retrospective observational cohort study. <i>Cardiology</i> , 2011 , 119, 145-50	1.6	16
85	Warfarin maintenance dose in older patients: higher average dose and wider dose frequency distribution in patients of African ancestry than those of European ancestry. <i>Blood Cells, Molecules, and Diseases</i> , 2010 , 45, 93-7	2.1	9
84	Targeted inhibition of the serotonin 5HT2A receptor improves coronary patency in an in vivo model of recurrent thrombosis. <i>Journal of Thrombosis and Haemostasis</i> , 2010 , 8, 331-40	15.4	46
83	Lamina propria cellularity and collagen composition: an integrated assessment of structure in humans. <i>Annals of Otology, Rhinology and Laryngology</i> , 2009 , 118, 299-306	2.1	14
82	Genetically engineered resistance for MMP collagenases promotes abdominal aortic aneurysm formation in mice infused with angiotensin II. <i>Laboratory Investigation</i> , 2009 , 89, 315-26	5.9	48
81	Fibrin architecture in clots: a quantitative polarized light microscopy analysis. <i>Blood Cells, Molecules, and Diseases</i> , 2009 , 42, 51-6	2.1	30
80	Aging mouse hearts are refractory to infarct size reduction with post-conditioning. <i>Journal of the American College of Cardiology</i> , 2008 , 51, 1393-8	15.1	114
79	Measurement of collagen and smooth muscle cell content in atherosclerotic plaques using polarization-sensitive optical coherence tomography. <i>Journal of the American College of Cardiology</i> , 2007 , 49, 1474-81	15.1	163
78	Adaptation of a photochemical method to initiate recurrent platelet-mediated thrombosis in small animals. <i>Lasers in Medical Science</i> , 2007 , 22, 42-5	3.1	16
77	Airway remodeling in the smoke exposed guinea pig model. <i>Inhalation Toxicology</i> , 2007 , 19, 915-23	2.7	48
76	First molecular evidence that inositol trisphosphate signaling contributes to infarct size reduction with preconditioning. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006 , 291, H2008-12	5.2	7
75	Reduction of infarct size with D-myo-inositol trisphosphate: role of PI3-kinase and mitochondrial K(ATP) channels. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006 , 290, H830-6	5.2	7

74	Macrophage colony-stimulating factor treatment after myocardial infarction attenuates left ventricular dysfunction by accelerating infarct repair. <i>Journal of the American College of Cardiology</i> , 2006 , 47, 626-34	15.1	63
73	Human semilunar cardiac valve remodeling by activated cells from fetus to adult: implications for postnatal adaptation, pathology, and tissue engineering. <i>Circulation</i> , 2006 , 113, 1344-52	16.7	319
72	Laser acupuncture and analgesia: preliminary evidence for a transient and opioid-mediated effect 2006 ,		1
71	Preconditioning ischemia attenuates molecular indices of platelet activation-aggregation. <i>Journal of Thrombosis and Haemostasis</i> , 2006 , 4, 2670-7	15.4	31
70	Collagen fiber morphology determines echogenicity of myocardial scar: implications for image interpretation. <i>Echocardiography</i> , 2006 , 23, 103-7	1.5	17
69	Pharmacy-managed anticoagulation: assessment of in-hospital efficacy and evaluation of financial impact and community acceptance. <i>Journal of Thrombosis and Thrombolysis</i> , 2006 , 22, 23-30	5.1	34
68	Cardioprotection with adenosine: 'a riddle wrapped in a mystery'. <i>British Journal of Pharmacology</i> , 2005 , 145, 699-700	8.6	6
67	Hypoechoic areas on ultrasound images of atheroma are not always diagnostic of fatty plaque. <i>Ultrasound in Medicine and Biology</i> , 2005 , 31, 1013-5	3.5	1
66	In vitro platelet responsiveness to adenosine-mediated "preconditioning" is age-dependent. <i>Journal of Thrombosis and Thrombolysis</i> , 2005 , 19, 5-10	5.1	8
65	Postconditioning via stuttering reperfusion limits myocardial infarct size in rabbit hearts: role of ERK1/2. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005 , 289, H1618-26	5.2	160
64	Pretreatment with D-myo-inositol trisphosphate reduces infarct size in rabbit hearts: role of inositol trisphosphate receptors and gap junctions in triggering protection. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005 , 314, 1386-92	4.7	20
63	Matrix metalloproteinase-13/collagenase-3 deletion promotes collagen accumulation and organization in mouse atherosclerotic plaques. <i>Circulation</i> , 2005 , 112, 2708-15	16.7	169
62	Laser acupuncture: past, present, and future. <i>Lasers in Medical Science</i> , 2004 , 19, 69-80	3.1	153
61	Brief apnea induces myocardial ischemic tolerance by an opioid-insensitive mechanism. <i>Cardiovascular Pathology</i> , 2004 , 13, 225-9	3.8	4
60	Cardioprotection 'outside the box'--the evolving paradigm of remote preconditioning. <i>Basic Research in Cardiology</i> , 2003 , 98, 149-57	11.8	87
59	Development of abnormal tissue architecture in transplanted neonatal rat myocytes. <i>Annals of Thoracic Surgery</i> , 2003 , 75, 1450-6	2.7	9
58	Rebuilding a damaged heart: long-term survival of transplanted neonatal rat cardiomyocytes after myocardial infarction and effect on cardiac function. <i>Circulation</i> , 2002 , 105, 1720-6	16.7	204
57	Survival and development of neonatal rat cardiomyocytes transplanted into adult myocardium. <i>Journal of Molecular and Cellular Cardiology</i> , 2002 , 34, 107-16	5.8	403

56	Ventricular remodeling after myocardial infarction and effects of ACE inhibition on hemodynamics and scar formation in SHR. <i>Cardiovascular Pathology</i> , 2002 , 11, 88-93	3.8	12
55	The gap junction uncoupler heptanol abrogates infarct size reduction with preconditioning in mouse hearts. <i>Cardiovascular Pathology</i> , 2002 , 11, 158-65	3.8	60
54	Dissociation between improvement in angina pectoris and myocardial perfusion after transmyocardial revascularization with an excimer laser. <i>American Journal of Cardiology</i> , 2001 , 87, 229-31, A9	3	6
53	No loss in the in vivo efficacy of ischemic preconditioning in middle-aged and old rabbits. <i>Journal of the American College of Cardiology</i> , 2001 , 38, 1741-7	15.1	52
52	Angiotensin II receptor blockade attenuates the deleterious effects of exercise training on post-MI ventricular remodeling in rats. <i>Cardiovascular Research</i> , 2000 , 46, 66-72	9.9	37
51	Ventricular remodeling after acute myocardial infarction: effect of low-intensity laser irradiation. <i>Lasers in Surgery and Medicine</i> , 2000 , 27, 29-38	3.6	18
50	Histologic signatures of thermal injury: applications in transmyocardial laser revascularization and radiofrequency ablation. <i>Lasers in Surgery and Medicine</i> , 2000 , 27, 305-18	3.6	44
49	Brief antecedent ischemia enhances recombinant tissue plasminogen activator-induced coronary thrombolysis by adenosine-mediated mechanism. <i>Circulation</i> , 2000 , 102, 88-95	16.7	53
48	Biphasic survival response to amlodipine after myocardial infarction in rats: Association with cardiac vascular remodeling. <i>Cardiovascular Pathology</i> , 2000 , 9, 85-93	3.8	11
47	Monophosphoryl lipid A: a novel nitric oxide-mediated therapy to attenuate platelet thrombosis?. <i>Journal of Cardiovascular Pharmacology</i> , 2000 , 35, 366-75	3.1	7
46	Histologic signatures of thermal injury: Applications in transmyocardial laser revascularization and radiofrequency ablation 2000 , 27, 305		1
45	Brief myocardial ischemia attenuates platelet thrombosis in remote, damaged, and stenotic carotid arteries. <i>Circulation</i> , 1999 , 100, 843-8	16.7	16
44	Success of transmyocardial laser revascularization is determined by the amount and organization of scar tissue produced in response to initial injury: results of ultraviolet laser treatment. <i>Lasers in Surgery and Medicine</i> , 1999 , 24, 253-60	3.6	21
43	Laser-mediated reversal of cardiac expansion after myocardial infarction. <i>Lasers in Surgery and Medicine</i> , 1999 , 25, 198-206	3.6	5
42	Reply. <i>Lasers in Surgery and Medicine</i> , 1999 , 25, 377-8	3.6	
41	Transmyocardial revascularization: the fate of myocardial channels. <i>Annals of Thoracic Surgery</i> , 1999 , 68, 2376-82	2.7	15
40	Mechanical Attempts to Induce Myocardial Angiogenesis. <i>Advances in Organ Biology</i> , 1999 , 197-214		3
39	Increased Perfusion Via Laser-mediated Myocardial Channels?. <i>Developments in Cardiovascular Medicine</i> , 1999 , 61-80		2

38	Initial Use of an Ultraviolet Laser for TMR. <i>Developments in Cardiovascular Medicine</i> , 1999 , 121-141		1
37	Targeted Coronary Thrombolysis via "Pericardial" Administration of Lytic Agents?. <i>Journal of Thrombosis and Thrombolysis</i> , 1998 , 6, 83-88	5.1	1
36	Collagen organization in the branching region of human brain arteries. <i>Stroke</i> , 1998 , 29, 1595-601	6.7	116
35	Brief antecedent ischemia attenuates platelet-mediated thrombosis in damaged and stenotic canine coronary arteries: role of adenosine. <i>Circulation</i> , 1998 , 97, 692-702	16.7	55
34	The physics of transmural laser revascularization. <i>Photomedicine and Laser Surgery</i> , 1997 , 15, 255-9		11
33	Characterization of collagen by high-frequency ultrasound: evidence for different acoustic properties based on collagen fiber morphologic characteristics. <i>American Heart Journal</i> , 1997 , 133, 364-8	4.9	27
32	Captopril therapy limits ventricular remodeling but does not alter myocardial collagen fiber morphology of cardiomyopathic hamsters. <i>Cardiovascular Pathology</i> , 1997 , 6, 307-13	3.8	2
31	Detection and assessment of laser-mediated injury in transmural revascularization. <i>Photomedicine and Laser Surgery</i> , 1997 , 15, 261-7		17
30	Collagen content is significantly lower in restenotic versus nonrestenotic vessels after balloon angioplasty in the atherosclerotic rabbit model. <i>Circulation</i> , 1997 , 95, 1293-300	16.7	38
29	Transmural channels as a source of blood flow to ischemic myocardium? Insights from the reptilian heart. <i>Circulation</i> , 1997 , 95, 1357-9	16.7	19
28	Percutaneous treatment of abdominal aortic aneurysm in a swine model: understanding the behavior of aortic aneurysm closure through a serial histopathological analysis. <i>Circulation</i> , 1997 , 96, 2438-48	16.7	30
27	Myocardial revascularization. <i>Annals of Thoracic Surgery</i> , 1996 , 61, 1874-5	2.7	3
26	Excimer laser channels protect against myocardial ischemia. <i>Journal of the American College of Cardiology</i> , 1996 , 27, 13	15.1	8
25	Transmural channels can protect ischemic tissue. Assessment of long-term myocardial response to laser- and needle-made channels. <i>Circulation</i> , 1996 , 93, 143-52	16.7	80
24	Intramyocardial injections and protection against myocardial ischemia. An attempt to examine the cardioprotective actions of adenosine. <i>Circulation</i> , 1996 , 93, 2043-57	16.7	24
23	Reduction of Infarct Size□Preconditioning at a Distance□ <i>Medical Intelligence Unit</i> , 1996 , 79-96		
22	Transient pre-ischemic acidosis protects the isolated rabbit heart subjected to 30 minutes, but not 60 minutes, of global ischemia. <i>Basic Research in Cardiology</i> , 1995 , 90, 397-403	11.8	7
21	Quantitative assessment of myocardial collagen with picosirius red staining and circularly polarized light. <i>Basic Research in Cardiology</i> , 1994 , 89, 397-410	11.8	374

20	Reduction of infarct size in vivo with ischemic preconditioning: mathematical evidence for protection via non-ischemic tissue. <i>Basic Research in Cardiology</i> , 1994 , 89, 6-15	11.8	42
19	Thermodilution left-sided cardiac output for valve area determination after balloon mitral valvotomy. <i>American Heart Journal</i> , 1994 , 128, 934-40	4.9	2
18	Synopsis of Ischemic Preconditioning: What have we Learned Since 1986?. <i>Developments in Cardiovascular Medicine</i> , 1994 , 153-170		2
17	Ablation and coagulation of myocardial tissue by means of a pulsed holmium:YAG laser. <i>American Heart Journal</i> , 1993 , 126, 1474-7	4.9	13
16	Laser-mediated transmural myocardial channels do not salvage acutely ischemic myocardium. <i>Journal of the American College of Cardiology</i> , 1993 , 22, 302-9	15.1	87
15	Regional ischemic 'preconditioning' protects remote virgin myocardium from subsequent sustained coronary occlusion. <i>Circulation</i> , 1993 , 87, 893-9	16.7	1023
14	Chronic response to direct myocardial revascularization: a preliminary study 1993 ,		1
13	Rescue transcatheter embolectomy following complicated transluminal extraction atherectomy of a coronary vein graft. <i>Catheterization and Cardiovascular Diagnosis</i> , 1993 , 28, 354-7		
12	Effect of pressure on circumferential order of adventitial collagen in human brain arteries. <i>Canadian Journal of Physiology and Pharmacology</i> , 1992 , 70, 296-305	2.4	18
11	The transient nature of the effect of ischemic preconditioning on myocardial infarct size and ventricular arrhythmia. <i>American Heart Journal</i> , 1992 , 123, 346-53	4.9	210
10	Ventricular remodeling of the heart. <i>Current Opinion in Cardiology</i> , 1991 , 6, 346-351	2.1	2
9	Role of collagen in acute myocardial infarct expansion. <i>Circulation</i> , 1991 , 84, 2123-34	16.7	158
8	Demonstration of quantitative fabric analysis of tendon collagen using two-dimensional polarized light microscopy. <i>Matrix Biology</i> , 1991 , 11, 56-62		73
7	Stunned myocardium and myocardial collagen damage: differential effects of single and repeated occlusions. <i>American Heart Journal</i> , 1991 , 121, 434-41	4.9	38
6	In vivo infusion of oxygen free radical substrates causes myocardial systolic, but not diastolic dysfunction. <i>American Heart Journal</i> , 1990 , 119, 807-15	4.9	46
5	Deleterious effects of oxygen radicals in ischemia/reperfusion. Resolved and unresolved issues. <i>Circulation</i> , 1989 , 80, 1115-27	16.7	459
4	Spatial orientation of arterial sections determined from aligned vascular smooth muscle. <i>Journal of Microscopy</i> , 1989 , 155, 213-26	1.9	9
3	An improved method for detecting and quantifying cardiac muscle disarray in hypertrophic cardiomyopathy. <i>American Heart Journal</i> , 1989 , 118, 341-6	4.9	19

2	The molecular organization of collagen in saccular aneurysms assessed by polarized light microscopy. <i>Connective Tissue Research</i> , 1988 , 17, 43-54	3.3	31
1	The tunica muscularis of human brain arteries: three-dimensional measurements of alignment of the smooth muscle mechanical axis, by polarized light and the universal stage. <i>Neurological Research</i> , 1986 , 8, 66-74	2.7	10